APPENDIX H

Air Quality, Greenhouse Gas Emissions, and Energy Technical Report

Air Quality, Greenhouse Gas Emissions, and Energy Technical Report

Belcaro at Sand Canyon Project

JUNE 2026

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Printed on 30% post-consumer recycled material.

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ACC	Advanced Clean Cars Program
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMP	Air Quality Management Plan
ATCM	Airborne Toxic Control Measures
BenMAP	Benefits Mapping and Analysis Program
BEV	battery-electric vehicle
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards
CalRecycle	California Department of Resources Recycling and Recovery
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFC	chlorofluorocarbon
CH_4	methane
City	City of Santa Clarita
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EIA	U.S. Energy Information Administration
EIR	environmental impact report
EISA	Energy Independence and Security Act of 2007
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EUI	Energy Use Intensity
EV	electric vehicle
GHG	greenhouse gas
GWP	global warming potential
HAP	hazardous air pollutant
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HI	hazard index

Acronym/Abbreviation	Definition
HIA	health impact assessment
HPI	Healthy Places Index
HRA	health risk assessment
I	Interstate
IPCC	Intergovernmental Panel on Climate Change
kBTU	thousand British thermal units
kW	kilowatt
kWh	kilowatt-hours
LAO	Legislative Analyst's Office
LCFS	Low Carbon Fuel Standard
LEV	Low-Emission Vehicle
LOS	level of service
LST	localized significance threshold
MATES V	Multiple Air Toxics Exposure Study V
MERV	Minimum Efficiency Reporting Value
MICR	maximum individual cancer risk
MM	Mitigation Measure
MMT	million metric ton
MPO	metropolitan planning organization
MT	metric ton
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PFC	perfluorocarbon
PM	particulate matter
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppm	parts per million
Project	Belcaro at Sand Canyon Project
PV	photovoltaic
RFS	Renewable Fuel Standard
ROC	reactive organic compound
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SCAB	South Coast Air Basin

Acronym/Abbreviation	Definition
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SoCalGas	Southern California Gas Company
SO_x	sulfur oxides
SR	State Route
SRA	source receptor area
TAC	toxic air contaminants
TMA	Transportation Management Associations
VMT	vehicle miles traveled
VOC	volatile organic compound
ZEV	zero emission vehicle

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Executive Summary

The purpose of this technical report is to assess the potential air quality, greenhouse gas (GHG) emissions, and energy impacts associated with implementation of the proposed Belcaro at Sand Canyon Project (Project) in the City of Santa Clarita (City). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) for air quality and other applicable thresholds of significance.

Project Overview

The Belcaro at Sand Canyon Project proposes to develop 341 age-restricted, detached single-family residential units, a 3-acre recreation center, and 2.6 miles of publicly accessible trails across approximately 193.8 acres in the City of Santa Clarita. Residential development will occur on approximately 58.7 acres located south of the existing rail line. Approximately 106.5 acres, accounting for 55% of the property, will be preserved as open space and will feature both active and passive recreational amenities. Specifically, the Project is in the western portion of Santa Clarita in the Sand Canyon area, a sub-community of Canyon Country in the southeastern part of Canyon Country. The Project site is located within the South Coast Air Basin (SCAB) and is under the jurisdiction of SCAQMD.

The Project site is bordered by existing single-family development to the west, the Sand Canyon County Club to the south, the Santa Clara River to the north, and undeveloped land to the east. The Santa Clarita General Plan's land use and zoning designations for the project site is Urban Residential 1 (UR1) (2.0 dwelling units/acre [du/ac]) and Non-Urban 5 (NU5) (1.0 du/ac), as shown on Figure 3, Land Use and Zoning Designations.

Air Quality

The air quality impact analysis evaluates the potential for adverse impacts to air quality due to construction and operational emissions resulting from the Project. Impacts were evaluated for their significance based on the SCAQMD mass daily criteria air pollutant thresholds of significance. Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}, also known as coarse particulate matter), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$, also known as fine particulate matter), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs) (also referred to reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

SCAQMD has established two criteria for determining consistency with the AQMP, currently the 2022 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993).

Consistency Criterion No. 1 is "The project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP" (SCAQMD 1993). As discussed below, project construction-source and operational-source emissions would not exceed applicable SCAQMD regional thresholds. As such, the project's criteria air pollutant emissions would not have the potential to increase the frequency or severity of a violation in the federal or state ambient air quality, as such the project would not conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook.

Consistency Criterion No. 2 is "The project will not exceed the assumptions in the AQMP, or increments based on the year of project buildout and phase" (SCAQMD 1993). The 2022 AQMP accommodates planned growth in the SCAB. Projects are considered consistent with the 2022 AQMP and would not conflict with or obstruct implementation of the 2022 AQMP, if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP. The project would be consistent with the City's General Plan designation; accordingly, the project's development would be within the growth assumptions developed by SCAG for incorporation into the 2022 AQMP. The project would not conflict with or obstruct implementation of the 2022 AQMP as such the project would not conflict with Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook.

In summary, the project would not conflict with Consistency Criterion No. 1 and Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook, and impacts would be less than significant.

Potential to Result in a Cumulatively Considerable Net Increase of Any Nonattainment Criteria Pollutant

Construction Criteria Air Pollutant Emissions

Construction of the Project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Construction of the Project would not exceed the criteria pollutant thresholds established by SCAQMD. Therefore, construction-related impacts associated with a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment would be **less than significant**.

Operational Criteria Air Pollutant Emissions

Operation of the Project would generate criteria air pollutant emissions from mobile sources (vehicular traffic), area sources (consumer products, architectural coatings, and landscaping equipment). Operational emissions were estimated for the Project at build-out and during two interim operational scenarios. During operation, the Project would not exceed the numerical thresholds of significance established by SCAQMD for emissions. The SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$, and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. Because the Project-generated operational emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$ would not exceed the SCAQMD thresholds, the Project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants, and the impact would be **less than significant**.

Concurrent construction and operational activities would also not exceed the numerical thresholds of significance recommended by SCAQMD for operational emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$; the concurrent construction and operational emissions would similarly be **less than significant**.

Exposure of Sensitive Receptors

Ambient Air Quality Assessment

An ambient air quality assessment using dispersion modeling consistent with the SCAQMD AERMOD and LST guidance was prepared to determine potential impacts to nearby sensitive receptors during construction of the Project. The Project plus background concentrations of NO_2 and CO would not cause a violation of the 1-hour or 8-hour CAAQS or NAAQS. The Project's concentrations of PM_{10} and $PM_{2.5}$ would also not exceed the CAAQS or NAAQS. The Project would have a **less than significant impact** with respect to localized air quality impacts from construction emissions.

No operational ambient air quality assessment or Localized Significance Threshold (LST) analysis was determined to be necessary per the voluntary SCAQMD LST guidance as the Project would not result in substantial on-site sources of criteria air pollutant emissions (e.g., stationary sources), especially since the Project eliminates natural gas use (with implementation of MM GHG-2). Therefore, operational LST impacts would be **less than significant**.

Carbon Monoxide Hotspots

The Project would not expose sensitive receptors to localized high concentrations of CO or contribute to traffic volumes at intersections that would cause a CO hotspot during construction or operation. As such, potential construction or operational CO hotspot impacts would be **less than significant** without mitigation.

Health Risk Assessment

Construction

A construction health risk assessment (HRA) was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for proximate residential receptors because of Project-generated toxic air contaminants (TACs) during construction. Project construction activities would result in a Residential Maximum Individual Cancer Risk of 13.62 in 1 million for off-site receptors, which exceeds the significance threshold of 10 in 1 million. The Project would not exceed the significance threshold for on-site receptors in Phases 1 and 2, with a Residential Maximum Individual Cancer Risk of 9.82 and 9.96, respectively; the impact to on-site receptors would be less than significant. Project construction would result in a Residential Chronic Hazard Index of 0.006 for off-site receptors, 0.009 for Phase 1 on-site receptors, and 0.001 for Phase 2 on-site receptors which are below the 1.0 significance threshold. Because the Project construction TAC health risk impacts would exceed the significance threshold of 10 in 1 million for off-site residents the impact would be **potentially significant prior to mitigation**.

The HRA results after incorporation of MM-AQ-1 show that the Residential Maximum Individual Cancer Risk for off-site receptors, would be reduced below the threshold of 10 in 1 million. Thus, regarding exposure of sensitive receptors to substantial pollutant concentrations, Project-specific TAC impacts during construction would be **less than significant with mitigation**.

Operation

As with the LST analysis, no operational HRA was determined to be required as no long-term, operational sources of TACs are anticipated. As such, potential operational health risk would result in a **less than significant** impact without mitigation.

Cumulative Health Risk

SCAQMD does not have an established cumulative health risk approach but has initiated a public process (including four Working Group meetings as of June 2023) for the development of additional guidance for public agencies when they evaluate cumulative air quality impacts from increased concentrations of TACs for projects subject to the requirements of CEQA. Importantly, as part of this public process, SCAQMD has not included construction health risk in the cumulative health risk analysis recommendations since construction is typically short-term. However, the draft applicability of the cumulative health risk concept includes long-term construction with the examples of transportation projects such as high-speed rail but does not define a number of years. Because construction of the Project is assumed to have a duration of 4.50 years, it may not qualify as a short-term project and may be applicable in the final guidance once issued. Nonetheless, as described above, the Project itself would result in health risk impacts from construction that would be less than significant with implementation of MM-AQ-1. Therefore, it is anticipated that the Project would also not result in a cumulatively considerable health risk impact from construction. In addition, SCAQMD has indicated that projects that consist of primarily residential development, such as the Project, would also screen out of a cumulative health risk analysis for operations since they tend to have low potential cancer risk (SCAQMD 2023a). Overall, based on the preceding considerations, potential cumulative health risk associated with Project development would be **potentially significant prior to mitigation** and **less than significant after mitigation.**

Valley Fever

Valley fever is not highly endemic to Los Angeles County. Nonetheless, in order to reduce fugitive dust from the Project and minimize adverse air quality impacts, the Project would employ dust control measures in accordance with SCAQMD Rules 401 and 403. The Project would not result in a significant impact attributable to valley fever exposure based on its geographic location and compliance with applicable regulatory standards and dust control measures, which will serve to minimize the release of and exposure to fungal spores. Therefore, impacts associated with valley fever exposure for sensitive receptors would be **less than significant**.

Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and, for this project based on the type of construction, would occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be **less than significant**. The project would be a residential development that would not include land uses with sources that have the potential to generate substantial odors as defined by the CEQA significance thresholds, and impacts associated with odors during operation would be **less than significant**.

Greenhouse Gas Emissions

Greenhouse Gas Emissions

Global climate change is a cumulative impact under CEQA. A project contributes to this potential impact through its incremental emissions combined with the cumulative increase of all other sources of greenhouse gas (GHG) emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential (GWP) factors for CH_4 and N_2O.

GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations and that are evaluated herein include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O.

Project-Generated Construction and Operational Greenhouse Gas Emissions and Consistency with Applicable Greenhouse Gas Reduction Plans

Given that neither the City, nor CARB, nor SCAQMD have adopted a numerical threshold of significance for GHG emissions within the City or region, the approach for evaluating the Project's impacts related to GHG emissions relied on compliance with applicable plans, policies, or regulations adopted for the purpose of reducing the emissions of GHGs. The compliance evaluation is the sole basis for determining the significance of the project's GHG-related impacts on the environment. The applicable GHG reduction plans were the 2022 Scoping Plan, the Connect SoCal 2024 RTP/SCS, and the City's General Plan.

Potential to Conflict with the California Air Resources Board's 2022 Scoping Plan Appendix D, Local Actions

The Project incorporates many of the recommended attributes that reduce GHG emissions identified by the 2022 Scoping Plan for residential/mixed-use projects but not to the level specified as the Project would conflict with the 20% affordable unit attribute and partially conflict with the all-electric appliance attribute. According to the Scoping Plan, these attributes are a guide to determine residential/mixed-use projects that are *clearly* consistent with the state's climate strategy for CEQA purposes and are not necessarily required. However, lead agencies, such as the City, may determine, with adequate supporting evidence, that projects that incorporate some but not all key project attributes are consistent with the state's climate goals. As shown in Section 3.4.1, the Project would achieve VMT reductions comparable to the key attribute features noted in Appendix D. however it would not preclude natural gas infrastructure for heating and cooking and thus would not be consistent with the state's climate goals and would potentially conflict with the Scoping Plan.

Potential to Conflict with the Southern California Association of Governments' 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy

As shown in Section 3.4.1, the Project would not conflict with the goals outlined in the RTP/SCS. The Project would provide new housing opportunities for seniors in a setting designed to be sustainable through the commitment to be all-electric, preserving open space, and providing rooftop solar on all senior housing. Additionally, as outlined in

the Transportation study prepared for the Project, the vehicle trips would be 54% less than a traditional single-family development (Gibson Transportation Consulting, Inc. 2025). Additionally, the Transportation study found that VMT per capita would be 36% lower compared to standard housing. The impact would be less than significant.

Potential to Conflict with the City's General Plan

The Project was evaluated against City's General Plan policies adopted to reduce GHG emissions. As noted in Section 3.4.1, the Project would not conflict with those policies. Many of the features of the Project would serve to reduce GHG emissions. Accordingly, the Project would not conflict with the City's General Plan and the impact would be less than significant.

Estimated Project-Generated Construction and Operational Greenhouse Gas Emissions

Construction of the Project would result in GHG emissions primarily associated with use of off-road construction equipment, vendor (material delivery) trucks, and worker vehicles. The estimated total GHG emissions during Project construction would be approximately 1,726.81 MT CO_2e over the construction period. Estimated Project-generated construction emissions amortized over 30 years would be approximately 146 MT CO_2e per year.

Operation of the Project would generate GHG emissions through vehicle trips by residents and visitors to and from the Project site; landscape maintenance equipment operation; energy use (generation of electricity consumed by the Project); solid waste disposal; water supply, treatment, and distribution and wastewater treatment; and refrigerants. Operation of the Project under full build-out conditions in 2032 would result in approximately 2,651.05 MT CO_2e per year; with amortized construction, GHG emissions would be 2,797.05 MT CO_2e per year.

Estimated Project-generated GHG emissions are estimated for informational purposes, and no significance conclusion is taken from the amount as explained above, no quantitative thresholds have been adopted by the City or the SCAQMD, as such evaluation of significance is based on the potential to conflict with applicable GHG reduction plans.

Summary of Conclusion

The Project would conflict with the 2022 Scoping Plan but would not conflict with the Connect SoCal 2024 RTP/SCS or the City's General Plan. As such the Project's potential GHG emissions impacts under Threshold 1 (potential to generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment) and Threshold 2 (potential to conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs) would be **potentially significant** prior to mitigation and **less than significant after mitigation**.

Energy

Wasteful, Inefficient, or Unnecessary Energy Resource Consumption

During construction and operation, the Project would consume energy including electricity, natural gas, and petroleum. Electricity and natural gas usage is anticipated to be minimal during construction and fuel consumption is anticipated to total approximately 432,436 gallons of petroleum. During operation at build-out in 2032, the Project would consume approximately 2,811,779 kWh of electricity per year. The Project's vehicle trips to and from the site would result in an estimated annual fuel demand of 208,744 gallons of fuel. The Project would use

renewable energy on site as determined to be feasible and would not result in wasteful, inefficient, or unnecessary consumption of energy resources, including electricity, natural gas, or petroleum, during Project construction or operation. Impacts would be **less than significant**.

Potential to Conflict with or Obstruct a Renewable Energy or Energy Efficiency Plan

The Project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR Part 6). Part 6 of Title 24 establishes energy efficiency standards for residential and nonresidential buildings constructed in California in order to reduce energy demand and consumption. As such, the Project would comply with the California Code of Regulations requirements for energy efficiency. The Project would also be consistent with the City of Santa Clarita General Plan measures related to energy efficiency. The Project would support energy-related strategies of the state, including the 2022 CARB Scoping Plan, by supporting all electric appliances goals in new residential buildings. Therefore, the Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and this impact would be **less than significant**.

Mitigation Measures

MM-AQ-1 Construction Equipment Exhaust Minimization. Prior to the commencement of initial site development construction activities, the Project applicant or its designee shall provide evidence to the City of Santa Clarita (City) that (1) for off-road equipment with engines rated at 25 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Final during the initial site development phase. An exemption from this requirement may be granted if (1) the applicant documents equipment with Tier 4 Final engines are not reasonably available, and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the project from other combinations of construction equipment. Before an exemption may be granted, the applicant's construction contractor shall (1) demonstrate that at least three construction fleet owners/operators in Los Angeles County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within Los Angeles County during the desired construction schedule, and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation has been provided to the City to confirm that necessary project-generated emissions reductions are achieved.

MM-GHG-1 No Wood-Burning Fireplaces or Stoves and No Natural Gas Fireplaces. The Project applicant or designee shall install only electric fireplaces in residential units. Project residential units are prohibited from having wood-burning or natural gas fireplaces or wood-burning stoves.

MM-GHG-2 Require All-Electric Development. All Project-related residential and non-residential development shall use all-electric appliances and end uses (including heating, ventilation, and air conditioning; water heating; and induction cooking). Swimming pool and spa equipment and water heating shall also use electricity or solar instead of natural gas. (This MM is consistent with Appendix D, Table 3, of the 2022 CARB Scoping Plan Update, which recommends all-electric appliance uses without any natural gas connections or any propane or other fossil fuels for space heating, water heating, or indoor cooking.)

Summary of Findings

The results of this report are summarized in Table ES-1, below, based on the significance criteria in the impact analyses in Sections 2.4 (Air Quality), 3.4 (GHG Emissions), and 4.4 (Energy), and consistent with Appendix G of the CEQA Guidelines.

Table ES-1. Summary of Impact Determinations

Analysis	Report Section	Checklist Question	Significance Determinations	
			Unmitigated	Mitigated
Air Quality				
Would the project conflict with or obstruct implementation of the applicable air quality plan?	2.4.1	AQ-1	Less than significant	Less than significant
Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	2.4.2	AQ-2	Less than significant	Less than significant
Would the project expose sensitive receptors to substantial pollutant concentrations?	2.4.3	AQ-3	Less than significant for CO, NO_2, PM_{10}, and $PM_{2.5}$ ambient air quality standards during construction. Less than significant for CO hotspots Potentially significant for construction health risk Less than significant for operational health risk Potentially significant for cumulative health risk	Less than significant for CO, NO_2, PM_{10}, and $PM_{2.5}$ ambient air quality standards during construction. Less than significant for CO hotspots Less than significant for construction health risk Less than significant for operational health risk Less than significant for cumulative health risk
Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	2.4.4	AQ-4	Less than significant	Less than significant
Greenhouse Gas Emissions				
Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the	3.4.1	GHG-1 and GHG-2	Potentially significant	Less than significant

Table ES-1. Summary of Impact Determinations

Analysis	Report Section	Checklist Question	Significance Determinations	
			Unmitigated	Mitigated
environment, or would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				
Energy				
Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?	4.4.1	Energy-1	Less than significant	Less than significant
Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	4.4.2	Energy-2	Less than significant	Less than significant

Notes: LST = localized significance threshold; CO = carbon monoxide.

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1 Introduction and Project Description

1.1 Report Purpose and Scope

The purpose of this technical report (report) is to assess the potential air quality, greenhouse gas (GHG) emissions, and energy impacts associated with implementation of the proposed Belcaro at Sand Canyon Project (Project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) and other applicable thresholds of significance.

This introductory chapter provides a description of the Project and the Project location. Chapter 2, Air Quality, describes the air-quality-related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, describes the GHG-emissions-related environmental setting, regulatory setting, existing climate change conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, Energy, similarly describes the energy-related environmental setting, regulatory setting, existing energy considerations, and thresholds of significance and analysis methodology, Chapter 5, References, includes a list of the references cited. Chapter 6, Preparers, includes a list of those who prepared this technical report.

1.2 Project Location

The project site consists of approximately 193.8 gross acres of vacant land in the City of Santa Clarita (City) in the easternmost portion of the City, as shown in Figure 1, Regional Location and Local Vicinity. The project site is separated into two parts by the Southern Pacific Railroad, which runs east-west just south of the northern portion of the project site. The project site consists of the following Assessor Parcel Numbers (APNs): 2840-001-118, 2840-015-025, -031, -032, -033, -034, -035, -045, and -047.

As shown in Figure 2, Project Site, the project site is located approximately 26 miles north of downtown Los Angeles and is locally accessible via Lost Canyon Road and Oak Springs Canyon Road. Regionally, the project site is accessible from State Route 14 (SR-14) freeway via Sand Canyon Road, west of the project site. The project site is found on the Mint Canyon US Geologic Survey (USGS) 7.5-minute quadrangle, Township 4N, Range 15W, Sections 13, 14, 23, and 24.

1.3 Existing Site Conditions

The project site consists of approximately 193.8 gross acres of vacant, undeveloped land. The Santa Clarita General Plan's land use and zoning designations for the project site is Urban Residential 1 (UR1) (2.0 dwelling units/acre [du/ac]) and Non-Urban 5 (NU5) (1.0 du/ac). The project site is located within the City's Significant Ecological Area (SEA) Overlay Zone and includes biological resources, including trees, that are protected under the City's Municipal Code Section 17.38.080. Unpaved portions of Oak Springs Canyon Road intersect the project site, parallel to the project's southern boundary. Ruderal vegetation, grass, brush, and trees cover most of the project site. Several dirt

paths and roadways intersect the site, and are primarily used by off-road vehicles, horses, bicycles, and pedestrians. An existing water well is in the northern portion of the project site.

1.4 Adjacent and Surrounding Uses

The project site is bordered by the Santa Clara River to the north and further north—State Route 14 (SR-14), existing single-family development to the west, Sand Canyon County Club to the south, and undeveloped land to the east. Unincorporated Los Angeles County is located east of the project site, and the Angeles National Forest is located 0.25-mile east of the project site.

1.5 Project Description

The project would convert vacant parcels into a gated senior community comprised of 341 age-restricted, detached single-family homes, a 3.1-acre recreation center, and 2.6 miles of publicly accessible trails across 193.8 gross acres. The project would result in the creation of 400 separate lots, consisting of 341 residential lots, one recreational lot, 21 private street lots, and 37 open space lots. A site plan illustrative is provided on Figure 4, Conceptual Site Plan. Table 1 provides a summary of the proposed project land uses, and the associated lot numbers and acreage.

Table 1-1. Summary of Project Uses

Land Use	Lot Numbers	Acres
Single Family (detached) age-restricted units	1 through 341	58.7
Recreation Area/Clubhouse	342	3.1
Private Streets/Driveways	343 through 363	21.6
Open Space	364 through 400	107.6
Public Streets (On-Site portion of Lost Canyon Road extension)	Not Applicable	2.8
	Total	**193.8**

Source: Kimley-Horn et al and Planning - Belcaro at Sand Canyon Planning Notebook, 2024

2 Air Quality

2.1 Environmental Setting

2.1.1 Meteorological and Topographical Conditions

The primary factors that determine air quality are the locations of air pollutant sources and the amount of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. The South Coast Air Basin (SCAB) air pollution problems are a consequence of the combination of emissions from the nation's second largest urban area, meteorological conditions adverse to the dispersion of those emissions, and mountainous terrain surrounding the SCAB that traps pollutants as they are pushed inland with the sea breeze (SCAQMD 2017). Meteorological and topographical factors that affect air quality in the SCAB are described below.

Climate

The SCAB is characterized as having a Mediterranean climate (typified as semiarid with mild winters, warm summers, and moderate rainfall). The general region lies in the semi-permanent high-pressure zone of the eastern Pacific; as a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the SCAB is a function of the area's natural physical characteristics (e.g., weather and topography) and of manufactured influences (e.g., development patterns and lifestyle). Moderate temperatures, comfortable humidity, and limited precipitation characterize the climate in the SCAB. The average annual temperature varies little throughout the SCAB, averaging 75°F. However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have recorded temperatures over 100°F in recent years. Although the SCAB has a semiarid climate, the air near the surface is moist because of the presence of a shallow marine layer. Except for infrequent periods when dry air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70% at the coast and 57% in the eastern part of the SCAB. Precipitation in the SCAB is typically 9–14 inches annually and is rarely in the form of snow or hail because of typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

Sunlight

The presence and intensity of sunlight are necessary prerequisites for the formation of photochemical smog. Under the influence of the ultraviolet radiation of sunlight, certain "primary" pollutants (mainly reactive hydrocarbons and NO_x) react to form "secondary" pollutants (primarily oxidants). Since this process is time dependent, secondary pollutants can be formed many miles downwind of the emission sources. Southern California also has abundant sunshine, which drives the photochemical reactions that form pollutants such as ozone (O_3) and a substantial portion of fine particulate matter ($PM_{2.5}$, particulate matter [PM] with an aerodynamic diameter less than or equal to 2.5 microns). In the SCAB, high concentrations of O_3 are normally recorded during the late spring, summer, and early autumn months, when more intense sunlight drives enhanced photochemical reactions. Due to the prevailing

daytime winds and time-delayed nature of photochemical smog, oxidant concentrations are highest in the inland areas of Southern California.

Temperature Inversions

Under ideal meteorological conditions and irrespective of topography, pollutants emitted into the air mix and disperse into the upper atmosphere. However, the Southern California region frequently experiences temperature inversions in which pollutants are trapped and accumulate close to the ground. The inversion, a layer of warm, dry air overlaying cool, moist marine air, is a normal condition in coastal Southern California. The cool, damp, and hazy sea air capped by coastal clouds is heavier than the warm, clear air, which acts as a lid through which the cooler marine layer cannot rise. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above mean sea level, the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet above mean sea level, the terrain prevents the pollutants from entering the upper atmosphere, resulting in the pollutants settling in the foothill communities. Below 1,200 feet above mean sea level, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire coastal basin. Usually, inversions are lower before sunrise than during daylight hours.

Mixing heights for inversions are lower in the summer, resulting in inversions being more persistent during that season. This condition is partly responsible for the high levels of O_3 observed during summer months in the SCAB. Smog in Southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods, allowing them to form secondary pollutants by reacting in the presence of sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds and the surrounding mountain ranges.

As with other cities within the SCAB, the City is susceptible to air inversions, which trap a layer of stagnant air near the ground where pollutants are further concentrated. These inversions produce haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources.

Elevated concentrations of PM less than 10 microns in diameter (PM_{10}) and $PM_{2.5}$ can occur in the SCAB throughout the year but occur most frequently in fall and winter. The deficit of normal storm systems from late fall through the winter and early spring allow for more stagnant conditions in the SCAB as the lack of storm-related dispersion and rain-out of PM and its precursors. Although there are some changes in emissions by day of the week and season, the observed variations in pollutant concentrations are primarily the result of seasonal differences in weather conditions.

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The national and California standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), CO, sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$,

and lead. In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants. These pollutants, as well as TACs, are discussed in the following paragraphs.[1]

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly NO_x and volatile organic compounds (VOCs). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).[2] The O_3 that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013).

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in, thereby causing shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies on the effects of O_3 on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents, and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2022b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and

1 The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2023c), as well as the California Air Resources Board's "Glossary" (CARB 2022a) and "Fact Sheet: Air Pollution Sources, Effects and Control" (CARB 2009).

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

may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers. NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2023a).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure compared to children with lower exposure levels. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2022c).

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

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2022d).

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

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 part per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of death. Older people and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2022e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. PM pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. PM can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of PM. Coarse PM (PM_{10}) consists of PM that is 10 microns or less in diameter, which is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine PM ($PM_{2.5}$) consists of PM that is 2.5 microns or less in diameter, which is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

Several adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature death, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide based on the World Health Organization's Global Burden of Disease Project. Short-term

exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2022f).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory death. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2022f).

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

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

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere and can result in respiratory impairment, as well as reduced visibility.

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

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

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

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate ambient air quality standards for VOCs as a group.

2.1.2.2 Non-criteria Air Pollutants

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

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

CARB classified "particulate emissions from diesel-fueled engines" (i.e., diesel particulate matter [DPM]) (17 CCR 93000) as a TAC in August 1998. DPM is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70 the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2022f). DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2022f). DPM is emitted from a broad range of diesel engines: on-road diesel engines, including trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2022f). Those most vulnerable to non-cancer health effects are children, whose lungs are still developing, and older people, who often have chronic health problems.

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

Valley Fever. Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. The fungus is very prevalent in the soils of California's San Joaquin Valley, particularly in Kern County. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline, sandy soils.

Los Angeles County is not considered a highly endemic county (i.e., highly endemic meaning more than 20 cases annually of valley fever per 100,000 people) based on the incidence rates reported through 2022. The latest report from the California Department of Public Health (CDPH) indicates that Los Angeles County had 1,536 cases in 2022, or 15.7 cases per 100,000 people (CDPH 2023).

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air-pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993).

The nearest sensitive receptors are existing single-family residences, approximately 10 feet (3 meters) to the west of the property boundary line near Holt and Whitewater Canyon Road.

The Project itself would create sensitive receptors in the form of the new residences. CARB identifies sources of air pollution that are of primary concern to the siting of new sensitive receptors. Those sources include freeways, high traffic roadways, distribution centers, rail yards, and large stationary sources, among others (CARB 2005).

The project is located approximately 100 feet south of an existing rail line, 1,800 feet south of SR 14, 150 feet north of Oak Sprin Canyon Road, 2,100 feet north of Robinson Ranch Road, and 4,200 feet east of Sand Canyon Road. A new circulation network will be created within the Project area, including primary access via Lost Canyon Road connecting to internal roadways and providing secondary access via Robinson Ranch Road.

SR 14 carries an average daily traffic volume of between 155,000 and 170,000 in the study area (Caltrans 2017). Sand Canyon Road is designated as a major highway with a traffic volume of between 108,000 and 119,000. Lost Canyon Road is a limited secondary highway. Oak Springs Canyon Road is a local roadway.

Based on a review of the SCAQMD Facility Information Detail (F.I.N.D.) there are no nearby stationary sources to the Project location. The nearest stationary sources are located between 3,800 and 4,800 feet and include charbroilers at Bergie's (16404 Delone Street) and Ice Cream Heaven (16507 Soledad Canyon Road), a gasoline dispensing facility at Chevron (28522 San Canyon Road), food ovens and an emergency generator at Von's (16550 W. Soledad Canyon Road). The stationary sources of air pollution near the Project site are typical for these land uses. Based on the CARB Land Use Handbook, the residences of the Project would meet siting guidance created by the CARB to reduce exposure of air pollutants by sensitive receptors because it is not located within 500 feet of a freeway or urban roadway with more than 100,000 vehicles per day, there are no adjacent industrial sources that are anticipated to generate over 100 trucks per day, and there are no large stationary sources near the Project site.

2.1.4 Environmental Conditions

MATES V

The Multiple Air Toxics Exposure Study V (MATES V) is a monitoring and evaluation study conducted in the SCAB. The study is a follow up to previous air toxics studies in the SCAB and is part of the SCAQMD Governing Board Environmental Justice Initiative.

The MATES V Study consists of several elements. These include a monitoring program, an updated emissions inventory of TACs, and a modeling effort to characterize risk across the SCAB. The study estimates air toxics cancer risks using a risk assessment approach. Additionally, MATES V includes an exploratory analysis of chronic non-cancer health impacts (e.g., cardiovascular, respiratory, neurological health outcomes, etc.). The MATES analysis does not estimate impacts on risk of death or other health effects from criteria air pollutant exposures; such analyses are instead conducted as part of the AQMPs.

Toxic air pollution in the SCAB has decreased by more than 54% between 2012 and 2018, but continues to contribute to health risks, including cancers and other chronic diseases. For residents in the SCAB in 2018, exposure to TACs increased the chances of developing cancer by 455 chances in 1 million (SCAQMD 2023b).

At the Project site, the MATES V monitoring data shows a cancer risk of 280 chances in 1 million. Air toxics cancer risk in this zip code (91387) is higher than 9% of the SCAQMD population (SCAQMD 2023c).

CalEnviroScreen

CalEnviroScreen is a mapping tool that helps identify California communities that are most affected by many sources of pollution, where people are often especially vulnerable to pollution's effects. CalEnviroScreen ranks census tracts in California based on potential exposures to pollutants, adverse environmental conditions, socioeconomic factors and the prevalence of certain health conditions. Data used in the CalEnviroScreen model come from national and state sources.

The Project site is not in a disadvantaged community pursuant to Senate Bill (SB) 535 (OEHHA 2022a), nor is it in a Low-Income Community pursuant to Assembly Bill (AB) 1550 (CARB 2024a), or in a Community Air Protection Program pursuant to AB 617 (CARB 2024b).

The Project site achieves scores of 10 to 20 on the CalEnviroScreen (OEHHA 2023). The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Healthy Places

The Healthy Places Index (HPI) is a project of the Public Health Alliance of Southern California. The HPI is a powerful and easy-to-use data and policy platform created to advance health equity through open and accessible data. Neighborhood-by-neighborhood, the HPI maps data on social conditions that drive health—like education, job opportunities, clean air and water, and other indicators that are positively associated with life expectancy at birth. Community leaders, policymakers, academics, and other stakeholders use the HPI to compare the health and well-being of communities, identify health inequities and quantify the factors that shape health.

The Project site has an HPI score of 72.8 (California Healthy Places Index 2024). The maximum HPI score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The U.S. Environmental Protection Agency (EPA) is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a State Implementation Plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 187 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

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

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health. The NAAQS and CAAQS are presented in Table 2-1.

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as primary standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	Same as primary standard
	Annual arithmetic mean	20 µg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as primary standard
	Annual arithmetic mean	12 µg/m³	9.0 µg/m³	15.0 µg/m³
Lead[j,k]	30-day average	1.5 µg/m³	—	—
	Calendar quarter	—	1.5 µg/m³ (for certain areas)[k]	Same as primary standard
	Rolling 3-month average	—	0.15 µg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m³)	—	—
Sulfates	24 hours	25 µg/m³	—	—
Visibility reducing particles	8 hours (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2024c..

Notes: O_3 = ozone; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; SO_2 = sulfur dioxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; PST = Pacific Standard Time.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal

to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

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

[d] National primary standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National secondary standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

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

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

[l] On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 mg/m3 to 9.0 mg/m3. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 □g/m3, as was the annual secondary standard of 15 µg/m3. The existing 24-hour PM10 standards (primary and secondary) of 150 □g/m3 were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5-µg/m^3 as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. SCAQMD monitors local ambient air quality in the vicinity of the Project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2021 to 2023 are presented in Table 2-2. The Santa Clarita monitoring station, located at 22224 Placerita Canyon Road, Santa Clarita, California is the air quality monitoring station nearest to the Project site, located approximately 7.1 miles southwest of the Project site. The data collected at this station is considered representative of the air quality experienced in the Project vicinity. The number of days exceeding the ambient air quality standards is also shown in Table 2-2.

Table 2-2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2022	2023	2024	2022	2023	2024
Ozone (O_3)									
Maximum 1-hour concentration	ppm	California	0.12	0.129	0.133	0.136	28	26	47
Maximum 8-hour concentration	ppm	California	0.070	0.115	0.115	0.115	68	57	94
		National	0.070	0.114	0.115	0.114	66	55	94
Nitrogen Dioxide (NO_2)									
Maximum 1-hour concentration	ppm	California	0.18	0.051	0.040	0.047	0	0	0
		National	0.100	0.051	0.040	0.047	0	0	0
Annual concentration	ppm	California	0.030	0.009	0.008	0.009	—	—	—
		National	0.053	0.009	0.008	0.009	—	—	—
Carbon Monoxide (CO)									
Maximum 1-hour concentration	ppm	California	20	1.5	1.1	1.2	0	0	0
		National	35	1.5	1.1	1.2	0	0	0
Maximum 8-hour concentration	ppm	California	9.0	0.60	0.60	0.70	0	0	0
		National	9	0.60	0.60	0.70	0	0	0
Sulfur Dioxide (SO_2)									
Maximum 1-hour concentration	ppm	National	0.075	ND	ND	ND	ND	ND	ND
Maximum 24-hour concentration	ppm	National	0.14	ND	ND	ND	ND	ND	ND
Annual concentration	ppm	National	0.030	ND	ND	ND	—	—	—
Coarse Particulate Matter (PM_{10})									
Maximum 24-hour concentration	µg/ m^3	California	50	36.9	41.5	70.7	0	0	6.1
		National	150	36.9	41.5	70.7	0	0	
Annual concentration	µg/ m^3	California	20	18.5	18.1	22.3	—	—	—
Fine Particulate Matter ($PM_{2.5}$)									
Maximum 24-hour concentration	µg/ m^3	National	35	ND	ND	ND	ND	ND	ND
		California	12	27.2	24.8	22.8	ND	ND	ND

Table 2-2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2022	2023	2024	2022	2023	2024
Annual concentration	µg/m³	National	12.0	9.2	ND	10.5	ND	ND	ND

Sources: CARB 2024d;
Notes: ppm = parts per million by volume; — = not available; µg/m³ = micrograms per cubic meter; ND = insufficient data available to determine the value.
Data taken from CARB iADAM (http://www.arb.ca.gov/adam; CARB 2023c) represent the highest concentrations experienced over a given year.
Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.
SO2 data is no longer collected in the project area due to the attainment status and low concentrations; the highest reported SO2 concentration in the SCAB was 0.023 ppm in 2023 (SCAQMD 2024a)

South Coast Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2-3 depicts the current attainment status of the Los Angeles County portion of the SCAB with respect to the NAAQS and CAAQS.

Table 2-3. South Coast Air Basin Attainment Classification

Pollutant	Designation/Classification	
	National Standards	California Standards
Ozone (O_3), 1-hour	No national standard	**Nonattainment**
Ozone (O_3), 8-hour	**Extreme nonattainment**	**Nonattainment**
Nitrogen Dioxide (NO_2)	Attainment/maintenance	Attainment
Carbon Monoxide (CO)	Attainment/maintenance	Attainment
Sulfur Dioxide (SO_2)	Unclassifiable/attainment	Attainment
Coarse Particulate Matter (PM_{10})	Attainment/maintenance	**Nonattainment**
Fine Particulate Matter ($PM_{2.5}$)	**Serious nonattainment**	**Nonattainment**
Lead	Unclassifiable/attainment	Attainment
Hydrogen Sulfide	No national standard	Unclassified

Table 2-3. South Coast Air Basin Attainment Classification

Pollutant	Designation/Classification	
	National Standards	California Standards
Sulfates	No national standard	Attainment
Visibility-Reducing Particles	No national standard	Unclassified
Vinyl Chloride	No national standard	Unclassified

Sources: EPA 2023b (national); CARB 2022g (California).
Notes: Bold text = not in attainment; attainment = meets the standards; attainment/maintenance = achieves the standards after a nonattainment designation; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify; unclassifiable/attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

In summary, the SCAB is designated as a nonattainment area for national and California O_3 standards and national and California $PM_{2.5}$ standards. The SCAB is designated as a nonattainment area for California PM_{10} standards; however, it is designated as an attainment area for national PM_{10} standards. The Los Angeles County portion of the SCAB is designated as an attainment area for national and California CO standards, national and California NO_2 standards, national and California lead standards, and national and California SO_2 standards (EPA 2023b; CARB 2022g).

Despite the current nonattainment status, air quality in the SCAB has generally improved since the inception of air pollutant monitoring in 1976. This improvement is mainly a result of lower-polluting on-road motor vehicles, more stringent regulation of industrial sources, and the implementation of emission reduction strategies by SCAQMD. This trend toward cleaner air has occurred despite continued population growth. PM_{10} levels have declined almost 50% since 1990, and $PM_{2.5}$ levels have also declined 50% since measurements began in 1999 (SCAQMD 2013). Similar improvements are observed with O_3, although the rate of O_3 decline has slowed in recent years.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 200 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs.

In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings. As AB 2588 applies to facilities with permitted sources that emit TACs, such as aerospace industry manufacturers, hospitals, chemical plants, wastewater treatment plants, oil and gas production facilities, etc. (SCAQMD 2023d), rather than residential/mixed-use development, the Project would not include facilities subject to AB 2588 or be required to perform an operational HRA.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. CARB has adopted several Airborne Toxic Control Measures (ATCM) that reduce diesel emissions, including the following measures:

- Diesel Particulate Matter Control Measure for On-Road Heavy-Duty Diesel-Fueled Residential and Commercial Solid Waste Collection Vehicles (13 CCR 2020, 13 CCR 2021);
- ATCM for Diesel Particulate Matter from Portable Engines Rated 50 horsepower and greater (17 CCR 93116);
- ATCM for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets, and Facilities where TRUs operate (13 CCR 2477 and Article 8);
- ATCM to limit diesel-fueled commercial motor vehicle idling (13 CCR 2485);
- ATCM for In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.);
- ATCM for In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

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

2.2.3 Local Regulations

2.2.3.1 South Coast Air Quality Management District

While CARB is responsible for the regulation of mobile emissions sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. SCAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SCAB, where the Project is located. SCAQMD operates monitoring stations in the SCAB, develops rules and regulations for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. SCAQMD's AQMPs include control measures and strategies to be implemented to attain the CAAQS and NAAQS in the SCAB. SCAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment.

Air Quality Management Plan

The most-recently adopted AQMP is the 2022 AQMP (SCAQMD 2022), which was adopted by SCAQMD governing board on December 2, 2022. The 2022 AQMP is a regional blueprint for achieving air quality standards and healthful air. The 2022 AQMP was developed to address the requirements for meeting the U.S. EPA's NAAQS for

ground-level O_3. The strategies of the 2022 AQMP include: wide adoption of zero-emissions technologies; low NO_x technologies where zero-emission technologies are not feasible; federal action; zero-emission technologies for residential and industrial sources; incentive funding in environmental justice areas; and prioritizing benefits on the most disadvantaged communities (SCAQMD 2022).

Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning

SCAQMD adopted its Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning in May 2005. Like the CARB Land Use Handbook, the SCAQMD Guidance Document provides recommendations for the siting of new sensitive land uses near potential sources of air toxic emissions (e.g., freeways, distribution centers, rail yards, ports, refineries, gas dispensing facilities, etc.). In its Guidance Document, SCAQMD provides recommendations for when a HRA should be prepared, such as for truck stops and warehouse distribution facilities, where more than 100 trucks per day or more than 40 trucks with truck refrigeration units are generated.

Applicable Rules

Emissions that would result from Project development may be subject to SCAQMD rules and regulations, which may include the following:

Rule 401 – Visible Emissions. This rule establishes the limit for visible emissions from stationary sources for a period or periods aggregating more than three minutes in any hour. This rule prohibits visible emissions dark or darker than Ringelmann No. 1 for periods greater than three minutes in any hour or such opacity which could obscure an observer's view to a degree equal or greater than does smoke.

Rule 402 – Nuisance. This rule prohibits the discharge of air pollutants from a facility that causes injury, detriment, nuisance, or annoyance to the public or damage to business or property.

Rule 403 – Fugitive Dust. This rule requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible PM from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust.

Rule 431.2 – Sulfur Content of Liquid Fuels. The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose both of reducing the formation of SO_x and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in SCAQMD. The rule also affects diesel fuel supplied for mobile source applications.

Rule 445 – Wood Burning Devices. The purpose of this rule is to reduce the emission of PM from woodburning devices and establish contingency measures for applicable O_3 standards for the reduction of VOCs. The rule requires the installation of only gaseous-fueled fireplaces and stoves in any new residential or commercial development.

Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines. This rule applies to stationary and portable engines rated at greater than 50 horsepower. The purpose of Rule 1110.2 is to reduce NO_x, VOCs, and CO emissions

from engines. Emergency engines, including those powering standby generators, are generally exempt from the emissions and monitoring requirements of this rule because they have permit conditions that limit operation to 200 hours or less per year as determined by an elapsed operating time meter.

Rule 1113 – Architectural Coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

2.2.3.2 Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SCAG serves as the federally designated metropolitan planning organization for the Southern California region and is the largest metropolitan planning organization in the United States.

In September 2020, SCAG adopted Connect SoCal, the 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), which is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal charts a path toward a more mobile, sustainable, and prosperous region by making connections between transportation networks, planning strategies, and the people whose collaboration can improve the quality of life for Southern Californians. Connect SoCal embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. As stated above, SCAQMD adopted the 2022 AQMP, which incorporates the updated regional growth projections from Connect SoCal (SCAG 2020; SCAQMD 2022).

The RTP/SCS is updated every 4 years. SCAG adopted the 2024-2050 RTP/SCS, also referred to as "Connect SoCal 2024". The Connect SoCal 2024-2050 builds upon prior planning cycles to update the vision of the region's future (SCAG 2024). SCAG's Connect SoCal 2024–2050 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS is a regional growth management strategy, which targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to SB 375. In addition to demonstrating the region's ability to attain the GHG emission reduction targets set forth by CARB, the 2024–2050 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands (SCAG 2024). Thus, successful implementation of the 2024–2050 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

2.2.3.3 City of Santa Clarita General Plan

The City adopted the City of Santa Clarita General Plan commonly known as One Valley One Vision (OVOV) on June 14, 2011 (City of Santa Clarita 2011). The City's General Plan includes various policies related to directly and indirectly improving air quality. Applicable goals and policies include the following:

Conservation and Open Space Element

Goal CO 7 Clean air to protect human health and support healthy ecosystems.

Objective CO 7.1 Reduce air pollution from mobile sources.

Policy CO 7.1.1 Through the mixed land use patterns and multi-modal circulation policies set forth in the Land Use and Circulation Elements, limit air pollution from transportation sources.

Policy CO 7.1.2 Support the use of alternative fuel vehicles.

Policy CO 7.1.3 Support alternative travel modes and new technologies, including infrastructure to support alternative fuel vehicles, as they become commercially available.

Objective CO 7.2 Apply guidelines to protect sensitive receptors from sources of air pollution as developed by the California Air Resources Board (CARB), where appropriate.

Policy CO 7.2.1 Ensure adequate spacing of sensitive land uses from the following sources of air pollution: high traffic freeways and roads; distribution centers; truck stops; chrome plating facilities; dry cleaners using perchloroethylene; and large gas stations, as recommended by CARB.

Objective CO 7.3 Coordinate with other agencies to plan for and implement programs for improving air quality in the South Coast Air Basin.

Policy CO 7.3.1 Coordinate with local, regional, state, and federal agencies to develop and implement regional air quality policies and programs.

2.3 Significance Criteria and Methodology

2.3.1 Thresholds of Significance

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

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

CEQA Guidelines Appendix G indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the Project would have a significant impact on air quality.

SCAQMD has established Air Quality Significance Thresholds, as revised in March 2023, that set forth quantitative emission significance thresholds below which a project would not have a significant impact on ambient air quality (SCAQMD 2023e). The Project's "regional" emission refers to emissions that will be evaluated based on regional significance thresholds established by SCAQMD, also known as the criteria pollutant mass daily thresholds. The SCAQMD Air Quality Significance Thresholds also provide TAC thresholds and ambient air quality standards for criteria pollutants, which are to be utilized for localized significance determination. The quantitative air quality analysis provided herein applies the SCAQMD thresholds identified in Table 2-4 to determine the potential for the Project to result in a significant impact under CEQA.

Table 2-4. SCAQMD Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds – Regional Thresholds		
Pollutant	**Construction (pounds per day)**	**Operation (pounds per day)**
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds – Localized Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer burden >0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
Ambient Air Quality Standards for Criteria Pollutants[c] – Localized Thresholds		
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)	
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)	
PM_{10} 24-hour average PM_{10} annual average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation) 1.0 µg/m³	
$PM_{2.5}$ 24-hour average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation)	

Source: SCAQMD 2023e.

Notes: SCAQMD = South Coast Air Quality Management District; VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; NO_2 = nitrogen dioxide; ppm = parts per million by volume; $\mu g/m^3$ = micrograms per cubic meter.

[a] The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the Project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

[b] TACs include carcinogens and noncarcinogens.

[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.

[d] Ambient air quality thresholds are based on SCAQMD Rule 403.

The phasing out of leaded gasoline started in 1976. As gasoline no longer contains lead, the Project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

The evaluation of whether the Project would conflict with or obstruct implementation of the applicable air quality plan (CEQA Guidelines, Appendix G, Threshold 1) is based on the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993), Chapter 12, Sections 12.2 and 12.3. The first criterion assesses whether the Project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP, which is addressed in detail under Section 2.4.1 in Section 2.4, Impacts Analysis. The second criterion is whether the Project would exceed the assumptions in the AQMP, or increments based on the year of Project build-out and phase, as discussed further in Section 2.4.1.

To evaluate the potential for the Project to result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard (CEQA Guidelines, Appendix G, Threshold 2), this analysis applies SCAQMD's construction and operational criteria pollutants mass daily thresholds, as shown in Table 2-4. A project would potentially result in a cumulatively considerable net increase in O_3, which is a nonattainment pollutant, if the project's construction or operational emissions would exceed the SCAQMD VOC or NO_x thresholds shown in Table 2-4. These emissions-based thresholds for O_3 precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O_3 impacts to occur). This approach is used because O_3 is not emitted directly, and the effects of an individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined reliably or meaningfully through air quality models or other quantitative methods.

The assessment of the Project's potential to expose sensitive receptors to substantial pollutant concentrations (CEQA Guidelines, Appendix G, Threshold 3) includes a localized significance threshold (LST) analysis, as recommended by SCAQMD, to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of a proposed project from construction and operation; however, an operational LST analysis is not required for the Project due to no substantial on-site sources of localized emissions.

For project sites that disturb 5 acres or less, the SCAQMD LST Methodology includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for NO_2, CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling (SCAQMD 2009). For projects that exceed 5 acres, such as this Project, the maximum number of acres disturbed on the peak day was estimated using the Fact Sheet for Applying CalEEMod to Localized Significance Thresholds (SCAQMD 2011), which provides the following estimated acres per 8-hour day:

- Crawler Tractors – 0.5 acres/8-hour day
- Graders – 0.5 acres/8-hour day

- Rubber Tired Dozers – 0.5 acres/8-hour day
- Scrapers – 1 acre/8-hour day

The Project Initial Phase - Grading, Offsite Infrastructure, Onsite Utilities, Paving would have the following applicable equipment:

Table 2-5. SCAQMD CalEEMod Guidance for Localized Significance Thresholds

Equipment	Quantity	Acres/8-hour Day	Total Acres Graded/8-hour Day
Crawler Tractors	0	0.5	0
Rubber Tired Dozers	2	0.5	1
Graders	3	1	1.5
Scrapers	8	1	8
Total			**10.5**

Because the Project would exceed the 5-acre LST lookup table limitation, a site-specific localized significance analysis was prepared. The localized significance analysis evaluated the Project's contribution from construction emissions to determine if it resulted in an exceedance of the most stringent NAAQS or CAAQS for CO, NO_2, PM_{10}, and $PM_{2.5}$ (See Table 2-1).

Because the Project is not anticipated to include substantial on-site sources of pollutants during operation (e.g., operational stationary sources), an operational LST analysis is not applicable.

The assessment of the Project's potential to expose sensitive receptors to substantial pollutant concentrations (CEQA Guidelines, Appendix G, Threshold 3) also includes a qualitative CO hotspot analysis based on comparison to the SCAQMD 2003 AQMP CO hotspot analysis.

The potential for the Project to result in other emissions, specifically an odor impact (CEQA Guidelines, Appendix G, Threshold 4), is based on the Project's anticipated construction activity and land use types and the potential for the Project to create an odor nuisance pursuant to SCAQMD Rule 402.

2.3.2 Approach and Methodology

The California Emissions Estimator Model (CalEEMod) 2022 Version 2022 was used to estimate emissions from construction and operation of the Project (CAPCOA 2022). CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant and GHG emissions associated with construction activities and operation of a variety of land use projects, such as residential, commercial, and industrial facilities. CalEEMod input parameters, including the land use type used to represent the Project and its

size, construction schedule, and anticipated use of construction equipment, were based on information provided by the applicant or default model assumptions if Project specifics were unavailable.

2.3.2.1 Construction Emissions

2.3.2.1.1 Construction Scenario Assumptions

The project is anticipated to be constructed over a five-year period, commencing in 2027 and ending by 2032, with a full operational buildout in 2032[3]. The initial grading, paving, and infrastructure and utility installation activities would occur in 2027 and 2028, with building construction and landscaping activities for residences and recreational components occurring thereafter.

For emissions modeling purposes, construction was broken down into four model runs by phase as follows as further detailed in Appendix A, Construction CalEEMod Files:

- Initial Site Development – Grading, Offsite Infrastructure, Onsite Utilities, Paving, 2027-2028
- Phase 1, Vertical Building Construction (114 homes), 2029-2030
- Phase 2, Vertical Building Construction (114 homes), 2029-2031
- Phase 3, Vertical Building Construction (113 homes), 2031-2032

Phase 1 and 2 includes the development of 114 residential units each and Phase 3 includes the development of 113 residential units. Phase 1 also includes the development of the recreational onsite facilities including the 7,600 square foot recreational center. Table 2-6 presents the CalEEMod land use summary for the proposed phasing and Table 2-7 presents the construction scenario assumptions, including phase start and end date, vehicle trips (worker, haul truck, vendor truck, and on-site trucks) and equipment (type, quantity, and usage hours per day) used for estimating Project-generated emissions in CalEEMod.

The Project will be required to comply with SCAQMD Rule 403 to control dust emissions during any dust-generating activities. SCAQMD Rule 403 requires implementation of various best available fugitive dust control measures for different sources for all construction activity sources within its jurisdictional boundaries. Dust control measures include, but are not limited to, maintaining stability of soil through pre-watering of site prior to clearing, grubbing, cut and fill, and earth-moving activities; stabilizing soil during and immediately after clearing, grubbing, cut and fill, and other earth-moving activities; stabilizing backfill during handling and at completion of activity; and pre-watering material prior to truck loading and ensuring that freeboard exceeds 6 inches. While SCAQMD Rule 403 requires fugitive dust control beyond watering control measures, compliance with Rule 403 is represented in CalEEMod by assuming twice daily watering of active sites (61% reduction in PM_{10} and $PM_{2.5}$ [CAPCOA 2022]).

[3] CalEEMod Modeling for construction emissions was completed based on preliminary information from the Project Applicant that had construction beginning in September 2026 and buildout occurring in 2031. The construction schedule utilized in the analysis represents a "worst-case" analysis scenario since emission factors for construction equipment decrease as the analysis year increases, due to improvements in technology and more stringent regulatory requirements. Therefore, construction emissions would decrease if the construction schedule moved to later years. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as require per CEQA guidelines.

The Project will also be required to comply with SCAQMD Rule 1113 (Architectural Coatings), which requires that the construction contractor shall procure architectural coatings that comply with the SCAQMD grams per liter VOC limits as identified by application type (paint and other finishes) to reduce associated VOC emissions.

Three separate CalEEMod runs were performed for each of the four construction phases to address the various potential impacts evaluated herein:

1. Base CalEEMod run for mass (regional) emissions that includes all on-site and off-site sources. (See Appendix A, Construction CalEEMod Files).
2. Adjusted CalEEMod run for the LST analysis that includes all on-site sources and only a small portion of all off-site vehicles. Because the LST analysis is focused on localized emissions of criteria air pollutants, 0.25 miles for off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks trips were assumed. This is conservative as the SCAQMD LST methodology indicates that "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). (See Appendix B, CalEEMod Localized Significance Threshold Files).
3. Adjusted CalEEMod run for the HRA analysis that includes all on-site sources and only a small portion of diesel-fueled off-site vehicles. Because the HRA analysis is focused on localized emissions of TACs, specifically DPM, 0.25 miles for off-site vehicle travel for vendor trucks and haul trucks trips were assumed, as heavy-heavy duty trucks (typical of haul trucks) are generally diesel-fueled and medium duty trucks (typical of vendor trucks) are generally diesel- or gasoline-fueled, whereas worker trucks as generally gasoline-fueled. (See Appendix C, CalEEMod Construction Health Risk Assessment Files).

Phase 1 homes would be occupied while Phase 2 and Phase 3 are under construction. Similarly, Phase 2 homes would be occupied while Phase 3 is under construction. Note that traffic and evacuation studies prepared for the project assumed a single phase of construction, however, for modeling purposes, the phased approach is a more representative of potential air quality impacts.

Table 2-6. CalEEMod Land Use Development Summary

CalEEMod Land Use Type	CalEEMod Land Use Subtype	Land Use Amount (Size)	Land Use Size Metric	Building Square Footage	Land Use Acreage
Initial Phase - Grading, Offsite Infrastructure, Onsite Utilities, Paving					
Parking	Other Asphalt Surfaces (represents offsite roadway improvements, internal roadways)	43.23	Acre	0	43.23
Parking	Other Non-Asphalt Surfaces (residential areas and trails)	8.7	Acre	0	82.7
Parking	Parking Lot (parking lot near recreational center)	0.77	Acre	0	0.77
Phase 1 – Home Building Construction					
Residential	Retirement Community (Single-Family Senior Housing)	114	DU	309,655	19.1
Recreational	Health Club (Community Center)	7.6	KSF	7,600	3
Recreational	Swimming Pool	4	KSF	0	0.1
Phase 2 – Home Building Construction					
Residential	Retirement Community (Single-Family Senior Housing)	114	DU	309,655	18
Phase 3 – Home Building Construction					
Residential	Retirement Community (Single-Family Senior Housing)	113	DU	306,938	21.3

Notes: CalEEMod = California Emissions Estimator Model; DU = dwelling unit; KSF = 1,000 square feet

The construction schedule utilized in the analysis represents a "worst-case" analysis scenario since emission factors for construction equipment decrease as the analysis year increases, due to improvements in technology and more stringent regulatory requirements. Therefore, construction emissions would decrease if the construction schedule moved to later years. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as require per CEQA guidelines.

Table 2-7. Construction Scenario Assumptions

Construction Phase	Start Date	End Date	Total Workdays	One-Way Vehicle Trips			Equipment		
				Average Daily Worker Trips	Average Daily Vendor Truck Trips	Average Daily Haul Truck Trips	Equipment Type	Quantity	Usage Hours
Initial Phase - Grading, Offsite Infrastructure, Onsite Utilities, Paving									
Site Preparation	9/1/2027	9/28/2027	20	24	4	0	Rubber Tired Dozers	3	8
							Tractors/Loaders/Backhoes	4	8
							Crawler Tractors	1	8
							Excavators	1	8
Grading	9/29/2027	7/5/2028	200	48	4	0	Excavators	1	8
							Graders	3	8
							Rubber Tired Dozers	2	8
							Scrapers	8	8
							Tractors/Loaders/Backhoes	5	8
Utilities/ Trenching	6/08/2028	12/20/2028	140	18	4	0	Trenchers	2	8
							Tractors/Loaders/Backhoes	2	8
							Scrapers	1	8
							Plate Compactors	2	8
							Air Compressors	1	8
							Pumps	1	8
							Rough Terrain Forklifts	2	8
Paving	11/23/2028	01/28/2029	49	18	4	0	Pavers	2	8
							Paving Equipment	2	6
							Rollers	2	6
							Tractors/Loaders/Backhoes	1	8
Phase 1 – Home Building Construction									
Building construction	1/11/2029	3/19/2030	310	92	16	0	Cranes	1	7
							Forklifts	6	8

Table 2-7. Construction Scenario Assumptions

Construction Phase	Start Date	End Date	Total Workdays	One-Way Vehicle Trips			Equipment		
				Average Daily Worker Trips	Average Daily Vendor Truck Trips	Average Daily Haul Truck Trips	Equipment Type	Quantity	Usage Hours
							Generator Sets	3	8
							Tractors/Loaders/Backhoes	6	7
Architectural coating	08/07/2029	07/09/2030	241	20	4	0	Air compressors	3	6
Phase 2 – Home Building Construction									
Building construction	12/26/2029	11/2/2030	224	84	14	0	Cranes	1	7
							Forklifts	6	8
							Generator Sets	2	8
							Tractors/Loaders/Backhoes	6	7
							Welders	2	8
Architectural coating	04/17/2030	03/19/2031	241	18	4	0	Air compressors	3	6
Phase 3 – Home Building Construction									
Building construction	12/11/2030	02/17/2032	310	82	14	0	Cranes	1	7
							Forklifts	3	8
							Generator Sets	1	8
							Tractors/Loaders/Backhoes	3	7
Architectural coating	04/02/2031	03/04/2032	241	18	4	0	Air compressors	3	6

2.3.2.1.2 Localized Construction Air Quality Assessment

A localized air quality assessment was performed to evaluate whether the project's construction emissions would cause or contribute to an exceedance of the most stringent applicable NAAQS or CAAQS for CO, NO_2, PM_{10}, and $PM_{2.5}$. The following discussion summarizes the dispersion modeling and ambient air quality assessment methodology; supporting ambient air quality documentation, including detailed assumptions, is presented in Appendix D.

Construction activities associated with the Project would result in temporary sources of on-site fugitive dust and construction equipment emissions. A localized air quality impact assessment was prepared using the air dispersion modeling methodology based on accepted modeling practices of SCAQMD (SCAQMD 2023f). The localized assessment was prepared using methods consistent with those in SCAQMD's Final Localized Significance Threshold Methodology (2009). According to the Final Localized Significance Threshold Methodology, "Off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). Trucks and worker trips associated with the Project are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways since emissions would be relatively brief in nature and would cease once the vehicles pass through the main streets. Nonetheless, to conservatively capture potential vehicle activity within the Project boundary (i.e., fence line), a small portion (i.e., 0.25 miles) of the off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks were conservatively treated as on-site emissions for the localized assessment

The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with SCAQMD and EPA guidance and identified as representative of the Project site and Project activities. Principal parameters of this modeling are presented in Table 2-8.

Table 2-8. AERMOD Principal Parameters – Localized Air Quality Assessment

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Santa Clarita air monitoring station (AQS ID: 060376012) was used for the dispersion modeling. A meteorological data set from 2018 and 2020 through 2023was obtained from SCAQMD in a preprocessed format suitable for use in AERMOD (SCAQMD 2023g).
Urban versus Rural Option	Urban dispersion option was selected per SCAQMD guidelines, which is the SCAQMD policy for all air quality impact analyses in its jurisdiction (SCAQMD 2022).
Elevation Data	Digital elevation data were imported into AERMOD, and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1 degree (approximately 30 meters), consistent with SCAQMD guidance (SCAQMD 2023f).
Source Release Characterizations	The modeled line of volume sources was placed to cover the site for each phase. A plume height dimension of 10 meters, a plume width dimension of 10 meters, and a release height of 5 meters were assumed for off-road equipment and diesel trucks (SCAQMD 2008).

Source: See Appendix D.
Notes: AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = Sout Coast Air Quality Management District.

Regarding offsite receptors, the construction scenario used a coarse Cartesian receptor grid with 500-meter spacing to establish the impact area and evaluate locations of maximum health risk impact. After determining

where the maximum impacts would occur. A fenceline grid was added to the model with two tiers of 100 meters and 500 meters with tier spacing of 25 meters and 100 meters, respectively.

AERMOD was run for CO, NO_2, PM_{10}, and $PM_{2.5}$ with all sources emitting unit emissions according to their daily maximum pounds per hour based on the daily maximum for pollutants with 1-hour, 8-hour, or 24-hour averaging. AERMOD was also run for NO_2, PM_{10}, and $PM_{2.5}$ using the annual average emissions in to calculate the average pounds per hour to estimate annual concentrations. The line of volume sources was partitioned evenly based on the respective emission rate. The ground-level concentrations for NO_2 and CO were added to the background concentrations. PM_{10} and $PM_{2.5}$ concentrations were not added to the background concentrations in accordance with guidelines. The estimated concentrations were then compared to the most stringent NAAQS or CAAQS to determine if the Project would result in an exceedance of the applicable ambient air quality standard.

2.3.2.1.3 Construction Health Risk Assessment

A construction HRA was performed to evaluate potential health risks associated with construction of the Project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting construction HRA documentation, including detailed assumptions, is presented in Appendix C, Construction Health Risk Assessment.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less intensive, more dispersed emissions result from on-road vehicle exhaust (e.g., heavy-duty diesel trucks). For the construction HRA, the emissions modeling tool CalEEMod was adjusted to reflect a shorter travel distance—just 0.25 miles—for diesel trucks passing near the project site (SJVAPCD 2018). This change was made to better estimate air pollutant emissions from trucks driving close to nearby sensitive locations, such as homes or schools. The 0.25-mile distance represents emissions from vehicles operating just outside the project boundary, which could still affect people living or working nearby.

The air dispersion modeling methodology was based on generally accepted modeling practices of SCAQMD (SCAQMD 2023f). Air dispersion modeling was performed using EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 23132 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 12.0.0 The HRA followed the Office of Environmental Health Hazard Assessment (OEHHA) 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors (on site and off site) as further discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with SCAQMD and EPA guidance and identified as representative of the Project site and Project activities. Principal parameters of this modeling are presented in Table 2-9.

Table 2-9. AERMOD Principal Parameters – Construction HRA

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Santa Clarita air monitoring station (AQS ID: 060376012) was used for the dispersion modeling. A meteorological data set from 2018 and 2020 through 2023was obtained from SCAQMD in a preprocessed format suitable for use in AERMOD (SCAQMD 2023g).
Urban versus Rural Option	Urban dispersion option was selected per SCAQMD guidelines, which is the SCAQMD policy for all air quality impact analyses in its jurisdiction (SCAQMD 2022).

Table 2-9. AERMOD Principal Parameters – Construction HRA

Parameter	Details
Elevation Data	Digital elevation data were imported into AERMOD, and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1 degree (approximately 30 meters), consistent with SCAQMD guidance (SCAQMD 2023f).
Source Release Characterizations	The modeled line of volume sources was placed to cover the site for each phase. A plume height dimension of 10 meters, a plume width dimension of 10 meters, and a release height of 5 meters were assumed for off-road equipment and diesel trucks (SCAQMD 2008).

Source: See Appendix E.
Notes: HRA = health risk assessment; AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = Sout Coast Air Quality Management District.

Regarding offsite receptors, the construction scenario used a coarse Cartesian receptor grid with less than 100-meter spacing to establish the impact area and evaluate locations of maximum health risk impact. In addition, discrete receptors on the nearest residential receptors as well as other sensitive receptors (daycare facilities, healthcare facilities, and schools) to evaluate potential health risk impacts during project construction. As the exact location and orientation of on-site buildings is not known, a uniform cartesian grid of 50-meter spacing was placed on site to represent residential receptors.

AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for CARB's Hotspots Analysis and Reporting Program Version 2. The line of volume sources was partitioned evenly based on the 1 gram per second emission rate. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the noncancerous chronic health indices. There is no reference exposure level for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. For the construction HRA, the TAC exposure period was assumed to be from third trimester of pregnancy for 4.52 years for all off-site receptor locations (i.e., 4.52 years is the assumed duration of Project construction). For on-site exposure, the duration was assumed to be 2.5 years for Phase 1 on-site residents, which is the longest exposure duration for an on-site receptor while project construction is active. Phase 2 on-site residents exposure duration would be 0.97 years. Additionally, the 2022 Title 24 Standards require Minimum Efficiency Reporting Value (MERV) 13 air filters in new construction, which help to capture outdoor air particles. MERV 13 filters have been demonstrated to remove approximately 90% of PM from intake air (Singer et al. 2016). As such, on-site residential health risk assumes use of MERV 13 filters. The exposure pathway for DPM is inhalation only.

SCAQMD has also established noncarcinogenic risk parameters for use In HRAs since some TACs increase noncancerous health risk due to long-term (chronic) exposures and some TACs increase noncancerous health risk due to short-term (acute) exposures. Chronic exposure is evaluated in the construction HRA. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or reference exposure level, which is a concentration at or below which health effects are not likely

to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. A hazard index of less than one means that adverse health effects are not expected.

2.3.2.2 Operational Emissions

2.3.2.2.1 Operational Land Use Assumptions

Project-generated operational criteria air pollutant emissions were estimated for mobile, area, and energy sources using CalEEMod and based on Project-specific values and CalEEMod default values by land use type and quantity when Project-specifics are not available. The Project's full year of build-out is estimated to be 2032. Table 2-10 provides a summary of the land use inputs included in the CalEEMod modeling with additional details provided in Appendix A.

Table 2-10. CalEEMod Land Use Development Summary for the Project under Build-Out

Project Component	CalEEMod Land Use Type	Land Use Amount (Size)	Land Use Size Metric	Building Square Footage	Land Use Acreage
Residential	Recreational Community (Single-Family Senior Housing)	341	DU	926,248	58.4
Recreational	Health Club (Recreational Facility)	7.6	KSF	7,600	3
Recreational	Swimming Pool	4	KSF	0	0.1

Source: Appendix A.
Notes: CalEEMod = California Emissions Estimator Model; DU = dwelling unit; KSF = 1,000 square feet.

2.3.2.2.2 Operational Emission Source Assumptions

The calculation of mobile, area, and energy criteria air pollutant emissions is explained below.

Mobile Sources

Mobile sources for the Project would be residents and visitors traveling to and from the Project site. CalEEMod was used to estimate mobile source emissions for the Project under build-out of the Project in 2032 as well as additional interim operational scenarios for Phase 1 and Phase 2 residential homes; however, Project-specific input values were used where available, as explained below.

Trip generation for the Project was obtained from the Transportation Assessment prepared by Gibson Transportation Consulting Inc in May 2026.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from hearths, consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with

natural gas usage in space heating, water heating, and stoves are calculated in the building energy use module of CalEEMod, as described in the following text.

CalEEMod estimates direct emissions from hearths (fireplaces) and woodstoves and includes default values for residential land uses and estimates natural gas fireplace emissions based on emission factors from EPA's Compilation of Air Pollutant Emission Factors, EPA Publication No. AP-42. In accordance, with SCAQMD Rule 445 (Wood Burning Devices), the Project is not permitted to provide wood-burning devices, but could include natural gas, propane, or electric fireplaces. Pursuant to MM GHG-1, the Project would prohibit the use of woodburning or natural gas fireplaces and only allow for the use of electric fireplaces.

Consumer products are chemically formulated products used by household and institutional consumers, including cleaning supplies, kitchen aerosols, cosmetics, toiletries, and pesticides/fertilizers used at city parks (CAPCOA 2022). Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2022). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of residential and nonresidential buildings and on the default factor of pounds of VOC per building square foot per day. For the asphalt surface land use, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from the evaporation of solvents contained in surface coatings, such as in paints and primers, used during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of nonresidential surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emission factor is based on the VOC content of the surface coatings, and SCAQMD Rule 1113 (Architectural Coatings) governs the VOC content for interior and exterior coatings. The model default reapplication rate of 10% of area per year is used. Consistent with CalEEMod defaults, it is assumed that the residential surface area for painting equals 2.7 times the floor square footage and the nonresidential surface area for painting equals 2.0 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating. For the other asphalt surfaces assumed, the architectural coating area is assumed to be 6% of the total square footage, consistent with the supporting CalEEMod studies provided as an appendix to the CalEEMod User's Guide (CAPCOA 2022).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, shredders/grinders, and leaf blowers, which are assumed to be gasoline-fueled. The emissions associated with landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per residential dwelling unit per day and grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days.

Energy Source

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHG emissions in CalEEMod, since criteria pollutant emissions would occur at the site of power plants, which are not on the Project site. However, natural gas combustion would occur at the Project site itself, in association with equipment that uses natural gas.

2.4 Impact Analysis

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

As previously discussed, the Project is located within the SCAB under the jurisdiction of SCAQMD, which is the local agency responsible for administration and enforcement of air quality regulations for the area. SCAQMD has established criteria for determining consistency with the AQMP, currently the 2022 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993). The criteria are as follows (SCAQMD 1993):

- **Consistency Criterion No. 1:** The project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP.
- **Consistency Criterion No. 2:** The project will not exceed the assumptions in the AQMP, or increments based on the year of project buildout and phase.

Consistency Criterion No. 1

Threshold 2 below applies the SCAQMD mass daily construction and operational thresholds to evaluate the Project's potential impacts with regards to cumulatively considerable net increase of a nonattainment criteria pollutant, as well as the potential for the Project to result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations (Consistency Criterion No. 1).

As discussed below, emissions resulting from the Project construction would not exceed the criteria pollutant thresholds established by SCAQMD emissions, as demonstrated in Table 2-11. This impact would be **less than significant** without mitigation.

Project operational-source air pollutant emissions would not result in exceedances of regional thresholds for emissions as demonstrated in Table 2-12 through Table 2-14. Lastly, the combined construction and operational emissions would not result in exceedances of SCAQMD regional thresholds as shown in Table 2-15. As such, the Project's criteria air pollutant emissions are considered less than significant, and the Project would not have the potential to increase the frequency or severity of a violation in the federal or state ambient air quality. Thus, the Project would not conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook resulting in a **less than significant impact**. The health effects of criteria air pollutants are discussed in depth under Section 2.4.2 below (Threshold 2).

Consistency Criterion No. 2

The 2022 AQMP accommodates planned growth in the SCAB. Projects are considered consistent with, and would not conflict with or obstruct implementation of, the 2022 AQMP if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook).

SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by SCAG for its RTP/SCS (SCAG 2020), which is based on General Plans for cities and counties in the SCAB, for the development of the AQMP emissions inventory (SCAQMD 2022).[4] The SCAG 2020–2045 RTP/SCS (Connect SoCal) and associated Regional Growth Forecast are generally consistent with the local plans; therefore, the 2022 AQMP is generally consistent with local government plans.

Table 2-11 shows the growth projections for Santa Clarita from SCAG's 2020–2045 RTP/SCS, broken down by population and employment. Because the 2022 AQMP is based on the 2020–2045 RTP/SCS projections, the Project's resultant population and employment growth is compared to the values depicted in Table 2-10 to determine consistency with the AQMP.

SCAG adopted the Connect SoCal 2024 plan in April 2024 with projections to the year 2050. The comparison to growth projections is provided for informational purposes because as noted above, the AQMP is based on the 202-2045 RTP/SCS projections.

Table 2-11. SCAG Growth Projections for the City of Santa Clarita

	Existing	SCAG Projected	Increment
The 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy			
Population	218,200 (2016)	258,800 (2045)	40,600 (18.6%)
Employment	91,200 (2016)	105,200 (2045)	14,000 (15.3%)
Connect SoCal 2024			
Population	229,900 (2019)	266,800 (2050)	36,900 (16.1%)
Employment	92,900 (2019)	100,800 (2050)	7,900 (8.5%)

Source: SCAG 2020, SCAG 2024.
Notes: SCAG = Southern California Association of Governments; (Growth Projection Year)

The Project would result in the construction of an additional 341 single-family senior housing dwelling units. The 341 units would have the potential to house approximately 1,009 people based on an average household size of 2.95 persons per dwelling unit. The Project is requesting a density bonus in accordance with regulatory allowances for senior housing and does not require a General Plan Amendment (GPA). The 1,009 people estimated to be housed within the Project would fall within SCAG's forecast of an additional 40,600 new City residents through 2045 (SCAG 2020). Thus, the Project would accommodate population growth in the City by 2045. As shown in Table 2-11, the Project would also accommodate anticipated population growth in the City by 2050.

Indirect population growth can result from employment opportunities or from the expansion or extension of infrastructure that would support population growth. The Project's construction employment opportunities are not anticipated to induce substantial population growth given the size of the labor pool existing in the City and nearby communities.

[4] Information necessary to produce the emission inventory for the SCAB is obtained from SCAQMD and other governmental agencies, including CARB, the California Department of Transportation, and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into its Travel Demand Model for estimating/projecting VMT and driving speeds. SCAG's socioeconomic and transportation activities projections in its 2020 RTP/SCS are integrated in the 2022 AQMP (SCAQMD 2022).

The preceding considerations and numerical assessment support that the Project's residential and employment growth are within SCAG's 2045 RTP/SCS growth projections for Santa Clarita, additionally, the Project does not include a GPA to increase the residential land use density within the Project location. Accordingly, the Project's increase in housing density at the site would not conflict with the regional growth projections assumed in the 2022 AQMP by creating a denser land use pattern in this area.

As such, the Project's population and employment projections generally fall within SCAG's projections in the 2022 AQMP for the City. Thus, the Project would not conflict with Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook.

Summary

The Project would not conflict with Consistency Criterion No. 1 and Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook, and impacts would be **less than significant.**

Level of Significance Before Mitigation

Impacts would be **less than significant.**

Mitigation Measures

No mitigation is necessary.

Level of Significance After Mitigation

Impacts would be **less than significant** without mitigation.

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

By its nature, air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are used in the determination of whether a project's individual emissions would have a cumulatively considerable contribution on air quality. If a project's emissions would exceed the applicable significance thresholds, it would have a cumulatively considerable contribution. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant (SCAQMD 2003a).

In considering cumulative impacts from the Project, the analysis must specifically evaluate the Project's contribution to the cumulative increase in pollutants for which the SCAB is designated as nonattainment for the CAAQS and NAAQS. As discussed previously, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$, and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. Construction and operation of the Project would result in emissions of criteria air pollutants, which may result in a cumulatively considerable increase in emissions of

criteria air pollutants for which the SCAB is designated as nonattainment under the NAAQS or CAAQS. The following discussion quantitatively evaluates potential short-term construction and long-term operational impacts that would result from implementation of the Project.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement application) and off-site sources (i.e., on-road haul trucks, delivery trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. Therefore, such emissions levels can only be estimated, with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.3.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod based on the construction information presented in Tables 2-7. Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the Project applicant and are intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed Project information was not available.

Implementation of the Project would generate criteria air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. The Project will be required to comply with SCAQMD Rule 403 to control dust emissions generated during the grading activities. Standard construction practices that were assumed to be employed to reduce fugitive dust emissions, and were quantified in CalEEMod, include watering of the active sites two times per day depending on weather conditions. Internal combustion engines used by construction equipment, haul trucks, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement would also produce VOC emissions; however, the contractor will be required to procure architectural coatings from a supplier in compliance with the requirements of SCAQMD Rule 1113 (Architectural Coatings).

Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2026 through 2031). Table 2-12 presents the estimated maximum daily construction emissions generated during construction of the Project. “Summer” emissions are representative of the conditions that may occur during the O_3 season (May 1 to October 31), and “winter” emissions are representative of the conditions that may occur during the balance of the year (November 1 to April 30). Details of the emission calculations are provided in Appendix A.

Table 2-12. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated[1]

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds Per Day					
Summer						
2027	9.23	80.98	82.84	0.20	13.03	6.27
2028	10.66	90.30	101.76	0.24	13.55	6.57
2029	10.53	16.98	30.46	0.04	2.16	0.88
2030	18.75	18.09	33.37	0.05	2.28	0.88
2031	9.40	10.32	19.81	0.03	1.74	0.61
2032	0.00	0.00	0.00	0.00	0.00	0.00
Winter						
2027	9.23	81.01	82.39	0.20	13.03	6.27
2028	8.93	75.55	81.38	0.20	12.80	6.06
2029	15.39	38.39	66.47	0.10	4.38	1.90
2030	21.60	40.17	72.36	0.11	5.51	2.13
2031	17.79	12.92	23.17	0.04	2.04	0.70
2032	9.31	10.08	18.73	0.03	1.72	0.59
Maximum Daily Emissions	**21.60**	**90.30**	**101.76**	**0.24**	**13.55**	**6.57**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District.
1. As noted previously, construction emissions were modeled using an earlier start date and thus represent a conservative estimate as emissions decrease in later years due to fleet turnover and increasing regulations. The duration of construction would not change from what was previously assumed.

As shown in Table 2-12, emissions resulting from the Project construction would not exceed the criteria pollutant thresholds established by SCAQMD. This impact would be **less than significant** without mitigation.

Operational Emissions

Operation of the Project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicular traffic generated by residents, employees, customers, and visitors; energy sources from natural gas usage; area sources, including the use of landscaping equipment, consumer products, and hearths; and architectural coatings. As discussed in Section 2.3.2.2, Operational Emissions, pollutant emissions associated with long-term operations were quantified using CalEEMod using a combination of Project-specific information and CalEEMod default values.

Table 2-13 compares the unmitigated maximum daily area, energy, and mobile source emissions associated with Project operation (year 2030) to SCAQMD thresholds. Details of the emission calculations are provided in Appendix A.

Table 2-13. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions – Phase 1 – 2030 – Unmitigated[1]

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	1.65	1.32	16.54	0.04	4.30	1.11
Area	7.95	0.06	6.82	<0.01	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Summer Emissions	**9.60**	**1.38**	**23.36**	**0.04**	**4.30**	**1.11**
Winter						
Mobile	1.63	1.45	15.03	0.04	4.30	1.11
Area	7.34	0.00	<0.01	0.00	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Winter Emissions	**8.97**	**1.45**	**15.03**	**0.04**	**4.30**	**1.11**
Maximum Daily Emissions	**9.60**	**1.45**	**23.36**	**0.04**	**4.30**	**1.11**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: See Appendix A for complete results.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; PM2.5 = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
<0.01 = reported value less than 0.01.
1. Operational emissions were initially modeled based on an earlier assumed project opening year. Although the opening date has since been revised to occur one year later, the emissions estimates have not been updated, as the earlier modeling year yields higher emissions. Because emissions are expected to decrease over time due to mobile fleet turnover and progressively more stringent regulations, the estimates presented represent a conservative assessment.

As shown in Table 2-13 the Project would not exceed the numerical thresholds of significance established by SCAQMD for emissions without mitigation

Table 2-14 compares the unmitigated maximum daily area, energy, and mobile source emissions associated with Project operation (year 2031) to SCAQMD thresholds. Details of the emission calculations are provided in Appendix A.

Table 2-14. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions – Phases 1 and Phase 2 – 2031– Unmitigated[1]

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	3.18	2.50	31.98	0.09	8.60	2.22
Area	15.67	0.12	13.31	<0.01	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Summer Emissions	**18.85**	**2.63**	**45.29**	**0.09**	**8.60**	**2.22**
Winter						
Mobile	3.15	2.74	29.06	0.08	8.60	2.22
Area	14.50	0.00	0.00	<0.01	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Winter Emissions	**17.64**	**2.74**	**29.06**	**0.08**	**8.60**	**2.22**
Maximum Daily Emissions	**18.85**	**2.74**	**45.29**	**0.09**	**8.60**	**2.22**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	No	No	No	No	No	No

Source: See Appendix A for complete results.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
<0.01 = reported value less than 0.01.
1. Operational emissions were initially modeled based on an earlier assumed project opening year. Although the opening date has since been revised to occur one year later, the emissions estimates have not been updated, as the earlier modeling year yields higher emissions. Because emissions are expected to decrease over time due to mobile fleet turnover and progressively more stringent regulations, the estimates presented represent a conservative assessment.

As shown in Table 2-14, the Project would not exceed the numerical thresholds of significance established by SCAQMD without mitigation.

Table 2-15 compares the unmitigated maximum daily area, energy, and mobile source emissions associated with Project buildout (year 2032). Details of the emission calculations are provided in Appendix A.

Table 2-15. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions – Full Build-Out – 2032 – Unmitigated[1]

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	4.47	3.41	45.19	0.13	12.85	3.31
Area	23.32	0.18	19.76	<0.01	0.01	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Summer Emissions	**27.79**	**3.59**	**64.95**	**0.13**	**12.86**	**3.32**
Winter						
Mobile	4.44	3.73	41.05	0.12	12.85	3.31
Area	21.59	0.00	0.00	0.00	0.01	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Total Daily Winter Emissions	**26.03**	**3.73**	**41.05**	**0.12**	**12.86**	**3.32**
Maximum Daily Emissions	**27.79**	**3.73**	**64.95**	**0.13**	**12.86**	**3.32**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: See Appendix A for complete results.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
<0.01 = reported value less than 0.01.
1. Operational emissions were initially modeled based on an earlier assumed project opening year. Although the opening date has since been revised to occur one year later, the emissions estimates have not been updated, as the earlier modeling year yields higher emissions. Because emissions are expected to decrease over time due to mobile fleet turnover and progressively more stringent regulations, the estimates presented represent a conservative assessment.

As shown in Table 2-15, the Project still would not exceed the numerical thresholds of significance established by SCAQMD for emissions without mitigation.

As discussed in Section 2.2.2.1, Criteria Air Pollutants, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$, and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SCAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the Project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. Because the Project-generated operational emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$ would not exceed the SCAQMD thresholds, the Project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants. Therefore, the Project's cumulative air quality impact from operational emissions would be **less than significant**.

Overlap of Construction and Operation

During Project development, Project construction activities would occur concurrent with partial Project operation. Therefore, SCAQMD recommends a calculation of combined construction and operational emissions, which is provided herein. Estimated maximum daily criteria air pollutant emissions from simultaneous construction and operational activities are presented in Table 2-16.

Table 2-16. Estimated Maximum Daily Concurrent Unmitigated Construction and Unmitigated Operational Criteria Air Pollutant Emissions[1,2]

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds Per Day					
Summer						
2027	9.23	80.98	82.84	0.20	13.03	6.27
2028	10.66	90.30	101.76	0.24	13.55	6.57
2029	10.53	16.98	30.46	0.04	2.16	0.88
2030	28.36	19.48	56.73	0.09	6.58	1.99
2031	28.31	13.02	65.64	0.12	10.35	2.83
2032	27.96	3.84	66.41	0.13	12.53	3.23
Winter						
2027	9.23	81.01	82.39	0.20	13.03	6.27
2028	8.93	75.55	81.38	0.20	12.80	6.06
2029	15.39	38.39	66.47	0.10	4.38	1.90
2030	30.57	41.62	87.39	0.15	9.81	3.24
2031	35.49	15.73	52.73	0.12	10.64	2.92
2032	35.50	14.08	61.14	0.15	14.24	3.82
Maximum Daily Emissions	**35.50**	**90.30**	**101.76**	**0.24**	**14.24**	**6.57**
SCAQMD Threshold	55	55	550	150	150	55
Threshold Exceeded?	**No**	**Yes**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District.
1. Construction emissions were modeled using an earlier start date and thus represent a conservative estimate as emissions decrease in later years due to fleet turnover and increasing regulations. The duration of construction would not change from what was previously assumed.
2. Operational emissions were initially modeled based on an earlier assumed project opening year. Although the opening date has since been revised to occur one year later, the emissions estimates have not been updated, as the earlier modeling year yields higher emissions. Because emissions are expected to decrease over time due to mobile fleet turnover and progressively more stringent regulations, the estimates presented represent a conservative assessment.

As shown in Table 2-16, concurrent construction and operational activities would not exceed the numerical thresholds of significance established by SCAQMD for operational emissions of VOCs, CO, PM_{10}, and $PM_{2.5}$. However, the combined construction and operational emissions would exceed the SCAQMD NO_x thresholds of significance, which is a potentially significant impact. Mitigation Measure AQ-1 which is discussed under Section 2.4.3, would require the use of advanced engine tiers for the offroad construction equipment, which would serve to reduce NOx emissions. The mitigated maximum daily criteria air pollutant emissions from simultaneous construction and operational activities are presented in Table 2-17.

Table 2-17. Estimated Maximum Daily Concurrent Mitigated Construction and Unmitigated Operational Criteria Air Pollutant Emissions[1, 2]

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds Per Day					
Summer						
2027	2.19	11.33	114.12	0.20	10.10	4.15
2028	2.79	16.98	138.45	0.24	10.49	3.79
2029	8.47	2.12	4.00	0.01	0.30	0.08
2030	18.56	7.35	54.27	0.09	5.92	1.60
2031	27.57	7.21	67.25	0.12	10.15	2.65
2032	27.96	3.84	66.41	0.13	12.53	3.23
Winter						
2027	2.19	11.36	113.67	0.20	10.10	3.61
2028	3.21	11.35	113.46	0.20	10.10	3.61
2029	12.79	13.17	71.26	0.10	3.45	1.06
2030	18.50	10.01	60.66	0.11	7.19	1.95
2031	34.52	9.51	51.10	0.12	10.42	2.72
2032	34.78	8.56	59.99	0.15	14.06	3.65
Maximum Daily Emissions	**34.78**	**16.98**	**138.45**	**0.24**	**14.06**	**4.15**
SCAQMD Threshold	55	55	550	150	150	55
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District.
1. Construction emissions were modeled using an earlier start date and thus represent a conservative estimate as emissions decrease in later years due to fleet turnover and increasing regulations. The duration of construction would not change from what was previously assumed.
2. Operational emissions were initially modeled based on an earlier assumed project opening year. Although the opening date has since been revised to occur one year later, the emissions estimates have not been updated, as the earlier modeling year yields higher emissions. Because emissions are expected to decrease over time due to mobile fleet turnover and progressively more stringent regulations, the estimates presented represent a conservative assessment.

As shown in Table 2-17, concurrent mitigated construction and unmitigated operational activities would not exceed the numerical thresholds of significance established by SCAQMD for operational emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$; the impact would be less than significant.

Health Effects of Criteria Pollutants

The California Supreme Court's Sierra Club v. County of Fresno (2018) 6 Cal. 5th 502 decision (referred to herein as the Friant Ranch decision) (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences and contains the following direction from the California Supreme Court: "The Environmental Impact Report (EIR) must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further" (Italics in original) (Sierra Club v. County of Fresno 2018). The following discussion summarizes the detailed information within Appendix C, Health Effects of Criteria Air Pollutants.

Currently, SCAQMD, CARB, and EPA have not approved a quantitative method to reliably, meaningfully, and consistently translate the mass emission estimates for the criteria air pollutants resulting from the Project to specific health effects. In addition, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days.

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, SCAQMD and the San Joaquin Valley Air Pollution Control District (SJVAPCD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both SJVAPCD and SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in California. The key, relevant points from the SCAQMD and SJVAPCD briefs are summarized herein.

In requiring a health impact type of analysis for criteria air pollutants, it is important to understand how O_3 and PM are formed, dispersed, and regulated. The formation of O_3 and PM in the atmosphere, as secondary pollutants,[5] involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources. The O_3 reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO_2 is photochemically reformed from nitric oxide. In this way, O_3 is controlled by both NO_x and VOC emissions (NRC 2005). The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O_3 (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O_3 concentrations to which downwind populations may be exposed (NRC 2005). Once formed, O_3 can be transported long distances by wind and due to atmospheric transport; contributions of precursors from the surrounding region can also be important (EPA 2008). Because of the complexity of O_3 formation, a specific tonnage amount of VOCs or NO_X emitted in a particular area does not equate to a particular concentration of O_3 in that area (SJVAPCD 2015). PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015). This is especially true for individual projects, like the Project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from construction equipment and mobile sources (passenger cars and trucks) driving to, from, and around the Project sites.

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O_3 are correlated with increases in the ambient level of O_3 in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O_3 levels over an entire region (SCAQMD 2015). The lack of link between the tonnage of precursor pollutants and the concentration of O_3 and $PM_{2.5}$ formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects; rather, it is the concentration of resulting O_3 that causes these effects (SJVAPCD 2015). Indeed, the ambient air quality standards, which are statutorily required to be set by EPA at levels that are requisite to protect the public health, are established as concentrations of O_3 and $PM_{2.5}$ and not as tonnages of their precursor pollutants (SJVAPCD 2015). Because the ambient air quality standards are focused on achieving a particular concentration region-wide, the tools and plans for attaining the ambient air quality standards are regional in nature. For CEQA analyses, project-generated

[5] Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the ambient air quality standards, even if a project exceeds established CEQA significance thresholds, this does not mean that one can easily determine the concentration of O_3 or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

Regarding regional concentrations and air basin attainment, SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan,[6] is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin but are constantly fluctuating based upon meteorology and other environmental factors. SJVAPCD noted that the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that "[r]unning the photochemical grid model used for predicting O_3 attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and VOC in the Valley) is not likely to yield valid information given the relative scale involved" (SJVAPCD 2015).

SCAQMD and SJVAPCD have indicated that it is not feasible to quantify project-level health impacts based on existing modeling (SCAQMD 2015; SJVAPCD 2015). Even if a metric could be calculated, it would not be reliable because the models are equipped to model the impact of all emission sources in an air basin on attainment and would likely not yield valid information or a measurable increase in O_3 concentrations sufficient to accurately quantify O_3-related health impacts for an individual project.

Nonetheless, following the Supreme Court's Friant Ranch decision, some EIRs where estimated criteria air pollutant emissions exceeded applicable air district thresholds have included a quantitative analysis of potential project-generated health effects using a combination of a regional photochemical grid model[7] and the EPA Benefits Mapping and Analysis Program (BenMAP or BenMAP–Community Edition [CE]).[8] The publicly available health impact assessments (HIAs) typically present results in terms of an increase in health incidences and/or the increase in background health incidence for various health outcomes resulting from the project's estimated increase in

6 The Friant Ranch Specific Plan proposed 2,683 single-family age-restricted units, 83 multifamily age-restricted units, 180 non-age-restricted multifamily units, and 250,000 square feet of commercial village within a Village Core that also provides for up to 50 residential units on approximately 942 acres (County of Fresno 2010).

7 The first step in the publicly available health impact assessments (HIAs) includes running a regional photochemical grid model, such as the Community Multiscale Air Quality model or the Comprehensive Air Quality Model with extensions to estimate the increase in concentrations of O_3 and $PM_{2.5}$ as a result of project-generated emissions of criteria and precursor pollutants. Air districts, such as SCAQMD, use photochemical air quality models for regional air quality planning. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere (EPA 2017).

8 After estimating the increase in concentrations of O_3 and $PM_{2.5}$, the second step in the six examples includes use of BenMAP or BenMAP-CE to estimate the resulting associated health effects. BenMAP estimates the number of health incidences resulting from changes in air pollution concentrations (EPA 2023d). The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. All of the five example HIAs focused on O_3 and $PM_{2.5}$.

concentrations of O_3 and $PM_{2.5}$.[9] To date, the six publicly available HIAs reviewed herein have concluded that the evaluated project's health effects associated with the estimated project-generated increase in concentrations of O_3 and $PM_{2.5}$ represent a small increase in incidences and a very small percent of the number of background incidences, indicating that these health impacts are negligible and potentially within the models' margin of error. It is also important to note that while the results of the six available HIAs conclude that the project emissions do not result in a substantial increase in health incidences, the estimated emissions and assumed toxicity is also conservatively inputted into the HIA and thus, overestimate health incidences, particularly for $PM_{2.5}$.

As explained in the SJVAPCD brief and noted previously, running the photochemical grid model used for predicting O_3 attainment with the emissions solely from an individual project like the Friant Ranch project or the Project is not likely to yield valid information given the relative scale involved. The six examples reviewed support the SJVAPCD brief's contention that consistent, reliable, and meaningful results may not be provided by methods applied at this time. Accordingly, additional work in the industry and more importantly, air district participation, is needed to develop a more meaningful analysis to correlate project-level mass criteria air pollutant emissions and health effects for decision makers and the public. Furthermore, at the time of writing, no HIA has concluded that health effects estimated using the photochemical grid model and BenMAP approach are substantial provided that the estimated project-generated incidences represent a very small percent of the number of background incidences, potentially within the models' margin of error.

Construction of the Project would result in emissions that would not exceed the SCAQMD thresholds for criteria air pollutants. Operation of the Project, similarly, would not result in exceedances of regional thresholds for emissions.

As discussed in Section 2.1.2, Pollutants and Effects, health effects associated with O_3 include respiratory symptoms, worsening of lung disease leading to premature death, and damage to lung tissue. VOCs and NO_x are precursors to O_3, for which the SCAB is designated as nonattainment with respect to the NAAQS and CAAQS. The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SCAB due to O_3 precursor emissions tend to be found downwind of the source location because of the time required for the photochemical reactions to occur. Further, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur, because exceedances of the O_3 NAAQS and CAAQS tend to occur between April and October when solar radiation is highest. As described above, due to the lack of quantitative methods to assess this complex photochemistry, the holistic effect of a single project's emissions of O_3 precursors is speculative. Because the Project would not exceed the SCAQMD thresholds during Project construction or operation, the Project would not contribute to health effects associated with O_3.

Health effects associated with NO_x and NO_2 (which is a constituent of NO_x) include lung irritation and enhanced allergic responses (see Section 2.1.2). Although Project-related NO_x emissions would not exceed the SCAQMD operational mass daily thresholds, because the SCAB is a designated attainment area for NO_2 (and NO_2 is a constituent of NO_x) and the existing NO_2 concentrations in the area are well below the NAAQS and CAAQS

[9] The following CEQA documents included a quantitative HIA to address Friant Ranch: (1) World Logistics Center Revised Final EIR (City of Moreno Valley 2019), (2) March Joint Powers Association K4 Warehouse and Cactus Channel Improvements EIR (March JPA 2019), (3) Mineta San Jose Airport Amendment to the Airport Master Plan EIR (City of San Jose 2019), (4) City of Inglewood Basketball and Entertainment Center Project EIR (City of Inglewood 2019), (5) San Diego State University Mission Valley Campus Master Plan EIR (SDSU 2019), and (6) California State University Dominguez Hills 2018 Campus Master Plan EIR (CSU Dominguez Hills 2019).

standards,[10] it is not anticipated that the Project would cause an exceedance of the NAAQS and CAAQS for NO_2 or result in potential health effects associated with NO_2 and NO_x. Because the Project would not exceed the SCAQMD NO_x threshold during Project construction or operation, the Project would not contribute to health effects associated with NO_x and NO_2.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (see Section 2.1.2). CO tends to be a localized impact associated with congested intersections. The potential for CO hotspots is discussed under Section 2.4.3 below and determined to be less than significant. Thus, the Project's CO emissions would not contribute to significant health effects associated with CO.

Health effects associated with PM_{10} and $PM_{2.5}$ include premature death and hospitalization, primarily for worsening of respiratory disease (see Section 2.1.2). Construction and operation of the Project would not exceed the SCAQMD thresholds for PM_{10} and $PM_{2.5}$. As such, the Project would not contribute to exceedances of the NAAQS and CAAQS for PM and obstruct the SCAB from coming into attainment for these pollutants. The Project would not result in associated health effects.

In summary, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and methods available to quantitatively evaluate health effects may not be appropriate to apply to emissions associated with the Project, which cannot be estimated with a high-level of accuracy.

Level of Significance Before Mitigation

Impacts would be **less than significant.**

Mitigation Measures

No mitigation is necessary.

Level of Significance After Mitigation

Impacts would be **less than significant** without mitigation.

2.4.3 Would the project expose sensitive receptors to substantial pollutant concentrations?

Localized Significance Analysis

A site-specific localized impact analysis was prepared for the Project to evaluate the potential for construction emissions to cause an exceedance of CO, NO_2, PM_{10}, and $PM_{2.5}$ ambient air quality standards. The methodology is discussed in Section 2.3.2.1.2. Table 2-18 provides a summary of the ambient air quality results.

[10] See Table 2-2, which shows that ambient concentrations of NO_2 at the Santa Clarita monitoring station have not exceeded the NAAQS or CAAQS between 2021 and 2023.

Table 2-18. Project Construction Ambient Air Quality Assessment

Impact Parameter	Applicable Standard	Project Area Maximum Background Concentration (Years 2022-2024)		Project Contribution ug/m³	Cumulative Concentration ug/m³	AAQS Threshold ug/m³
		ppmv	ug/m³			
1-hour CO	State	1.5	1,718	80.38	1,799	22,912
	Federal	1.5	1,718	80.38	1,799	40,100
8-hour CO	State	0.70	802	65.15	867	10,310
	Federal	0.70	802	65.15	867	10,300
1-hour NO_2	State	0.05	97	64.94	162	339
	Federal	0.05	97	64.94	162	188
Annual NO_2	State	0.01	18	7.13	25	57
	Federal	0.01	18	7.13	25	100
24-hour PM_{10}	State	--	69	7.13	-	50
	Federal	-	71	7.13	-	150
Annual PM_{10}	State	--	22	0.86	-	20
24-hour $PM_{2.5}$	Federal	--	31	3.56	-	35
Annual $PM_{2.5}$	State	--	11	0.45	-	12
	Federal	-	11	0.45	-	9

Notes: CO= carbon monoxide, NO_2 = nitrogen dioxide, PM_{10}= coarse particulate matter; $PM_{2.5}$ = fine particulate matter; µg/m³ = micrograms per cubic meter, ppmv = parts per million by volumen
See Appendix Df or complete results.

As shown in Table 2-18, the Project plus background concentrations of NO_2 and CO would not cause a violation of the 1-hour or 8-hour CAAQS or NAAQS. The Project's concentrations of PM_{10} and $PM_{2.5}$ would also not exceed the CAAQS or NAAQS. Based on the preceding, the Project would have a less than significant impact with respect to localized air quality impacts from construction emissions.

Health Effects of Carbon Monoxide (Potential for Carbon Monoxide Hotspots)

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

At the time that the SCAQMD Handbook (1993) was published, the SCAB was designated nonattainment under the CAAQS and NAAQS for CO. In 2007, the SCAB was designated in attainment for CO under both the CAAQS and NAAQS as a result of the steady decline in CO concentrations in the SCAB due to turnover of older vehicles,

introduction of cleaner fuels, and implementation of control technology on industrial facilities. SCAQMD conducted CO modeling for the 2003 AQMP[11] (SCAQMD 2003b) for the four worst-case intersections in the SCAB: (1) Wilshire Boulevard and Veteran Avenue, (2) Sunset Boulevard and Highland Avenue, (3) La Cienega Boulevard and Century Boulevard, and (4) Long Beach Boulevard and Imperial Highway. At the time the 2003 AQMP was prepared, the intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an average daily traffic volume of about 100,000 vehicles per day. Using CO emission factors for 2002, the peak modeled CO 1-hour concentration was estimated to be 4.6 ppm at the intersection of Wilshire Boulevard and Veteran Avenue. When added to the maximum 1-hour CO concentration from 2021 through 2023 at the Santa Clarita monitoring station (see Table 2-2, Local Ambient Air Quality Data), which was 1.5 ppm in 2022, the 1-hour CO would be 6.1 ppm, while the CAAQS is 20 ppm.

The 2003 AQMP also projected 8-hour CO concentrations at these four intersections for 1997 and from 2002 through 2005. From years 2002 through 2005, the maximum 8-hour CO concentration was 3.8 ppm at the Sunset Boulevard and Highland Avenue intersection in 2002; the maximum 8-hour CO concentration was 3.4 ppm at the Wilshire Boulevard and Veteran Avenue in 2002. Adding the 3.8 ppm to the maximum 8-hour CO concentration from 2021through 2023 at the Santa Clarita monitoring station (see Table 2-2), which was 1.5 ppm in 2022, the 8-hour CO would be 5.3 ppm, while the CAAQS is 9.0 ppm.

Accordingly, CO concentrations at congested intersections would not exceed the 1-hour or 8-hour CO CAAQS unless projected daily traffic would be over 100,000 vehicles per day (e.g., intersections exceeding 100,000 vehicles per day do not necessarily result in a CO hotspot).

The traffic analysis (Gibson Transportation Consulting, Inc. 2026) prepared for the Project evaluated intersection operations at four intersections: SR-14 Southbound Ramps and Soledad Canyon Road, San Canyon Road and Soledad Canyon Road, Sand Canyon Road and SR-14 Northbound Ramps, and Sand Canyon Road and Lost Canyon Road under existing, existing with project, and future with project conditions. The maximum traffic volume was experienced at Sand Canyon Road and Soledad Canyon Road with a total of 4,146 vehicles in the AM peak-hour and 4,521 vehicles in the PM peak-hour. To estimate the daily traffic volume a K-factor between 0.10 to 0.15 for urban areas is applied to the peak-hour traffic volume. The K-factor represents the ratio of peak hour traffic volume to the average daily traffic volume (ADT). Using the 0.10 K-Factor, the maximum traffic volume that would be expected is 45,210 vehicles per day, which is well below the 100,000 vehicles per day noted above.

Regarding potential CO hotspots during construction, the maximum daily trips during construction are estimated to be 108 daily trips [92 worker vehicle trips and 16 heavy-duty diesel truck trips (during building construction for Phase 1 homes construction)], which would be substantially less than operational trip generation at Project build-out (i.e., 1,470 trips per day). Thus, the maximum daily intersection volume with the addition of these vehicles on the roadway network during construction would be less than during operation. In addition, as identified in Table 2-17, the Project would not result in on-site CO emissions that would exceed the SCAQMD LST.

Because the Project would not contribute vehicles to any study intersection that would experience more than 100,000 vehicles per day during construction or operation and would not result in on-site CO emissions that would exceed the SCAQMD LST threshold during construction, a CO hotspot is not anticipated to occur, and associated

11 SCAQMD's CO hotspot modeling guidance has not changed since 2003.

impacts would be less than significant. As such, potential Project-generated impacts associated with CO hotspots during construction and operation would be **less than significant without mitigation**.

Toxic Air Contaminants

Construction Health Risks

As discussed in Section 2.3.2.1.3, Construction Health Risk Assessment, a construction HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for proximate residential receptors because of Project construction. Results of the construction HRA under unmitigated conditions are presented in Table 2-19.

Table 2-19. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	UTME (m)	UTMN (m)	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential Off Site	370,336.62	3,809,715.33	Per Million	13.62	10	**Potentially Significant**
Chronic Hazard Index – Residential Off Site	370,336.62	3,809,715.33	Index Value	0.006	1.0	Less than Significant
Maximum Individual Cancer Risk – Residential On Site – Phase 1 Residents	370,974.34	3,809,601.16	Per Million	9.82	10	Less than Significant
Chronic Hazard Index – Residential On Site – Phase 1 Residents	370,974.34	3,809,601.16	Index Value	0.009	1.0	Less than Significant
Maximum Individual Cancer Risk – Residential On Site – Phase 2 Residents	370,576.88	3,809,599.24	Per Million	9.96	10	Less than Significant
Chronic Hazard Index – Residential On Site – Phase 2 Residents	370,576.88	3,809,599.24	Index Value	0.001	1.0	Less than Significant

Source: SCAQMD 2023e.
Note: UTME = Universal Transverse Mercator East; m = meter; UTMN = Universal Transverse Mercator North; CEQA = California Environmental Quality Act.
See Appendix D.

As shown in Table 2-19, Project construction activities would result in a Residential Maximum Individual Cancer Risk of 13.62 in 1 million for the nearest off-site receptors which exceeds the significance threshold of 10 in 1 million. The Project would not exceed the significance threshold for on-site residential receptors. Project construction would result in a Residential Chronic Hazard Index of 0.006 for off-site receptors and 0.009 for on-site receptors, which is below the 1.0 significance threshold. The Project's construction TAC health risk impacts would be potentially significant for off-site receptors, and mitigation would be required to reduce these impacts to less than significant.

Table 2-20 shows the Project's construction health risk results with implementation of MM-AQ-1.

Table 2-20. Construction Health Risk Assessment Results – Mitigated

Impact Parameter	UTME (m)	UTMN (m)	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential Off Site	370,336.62	3,809,715.33	Per Million	8.37	10	Less than Significant
Chronic Hazard Index – Residential Off Site	370,336.62	3,809,715.33	Index Value	0.006	1.0	Less than Significant
Maximum Individual Cancer Risk – Residential On Site – Phase 1 Residents	370,974.34	3,809,601.16	Per Million	9.82	10	Less than Significant
Chronic Hazard Index – Residential On Site – Phase 1 Residents	370,974.34	3,809,601.16	Index Value	0.009	1.0	Less than Significant
Maximum Individual Cancer Risk – Residential On Site – Phase 2 Residents	370,576.88	3,809,599.24	Per Million	9.96	10	Less than Significant
Chronic Hazard Index – Residential On Site – Phase 2 Residents	370,576.88	3,809,599.24	Index Value	0.001	1.0	Less than Significant

Source: SCAQMD 2023e.
Note: UTME = Universal Transverse Mercator East; m = meters; UTMN = Universal Transverse Mercator North; CEQA = California Environmental Quality Act.
See Appendix D.
Results include implementation of MM-AQ-1.

The HRA results after incorporation of MM-AQ-1 show that the Residential Maximum Individual Cancer Risk for off-site receptors would be avoided as cancer risk would be reduced below the threshold of 10 in 1 million. Thus, regarding exposure of sensitive receptors to substantial pollutant concentrations, Project-specific TAC impacts during construction would be **less than significant with mitigation**.

Operational Health Risks

As detailed by the SCAQMD, projects that typically result in low operational health risk impacts include residential uses (e.g., apartments, condos, mobile homes, single family homes), commercial uses (e.g., offices, banks, government, pharmacies), recreational uses (e.g., parks, restaurants, golf courses, health clubs, hotels, theaters), educational uses (e.g., daycares, schools, colleges, libraries, churches), and retail uses (e.g., auto care, supermarkets, malls) (SCAQMD 2023a). The Project is a residential development which is identified by SCAQMD as having low potential health risk impacts. Operation of the Project would not result in any non-permitted direct emissions (e.g., those from a stationary source such as diesel generators)[12] or in a substantial increase in diesel

[12] Stationary sources result in on-site emissions and could generate TAC emissions; however, during the SCAQMD permitting process, an HRA would be performed and control measures would be implemented if required to reduce potential impacts to sensitive receptors.

vehicles (i.e., delivery trucks greater than 100 per day). Thus, the Project would not result in a long-term (i.e., 9-year, 30-year, or 70-year) operational source of TAC emissions.

Additionally, it is noted that the 2022 Title 24 Standards require MERV 13 air filters in new construction, which help to capture outdoor air particles. MERV 13 filters have been demonstrated to remove approximately 90% of PM from intake air (Singer et al. 2016) and, therefore, would result in a substantial reduction in health risk to on-site sensitive receptors.

Project impacts associated with exposing sensitive receptors to substantial pollutant concentrations, specifically health risk associated with operation, would be **less than significant without mitigation.**

Cumulative Health Risk

The SCAQMD does not have an established cumulative health risk approach but has initiated a public process (including four Working Group meetings as of January 2024) for the development of additional guidance for public agencies when they evaluate cumulative air quality impacts from increased concentrations of TACs for projects subject to the requirements of CEQA.

Notably, as part of this public process, SCAQMD has not included most construction activity in its cumulative health risk analysis recommendations, since construction is typically short-term. However, the draft applicability framework of the SCAQMD's cumulative health risk concept includes long-term construction, with transportation projects such as high-speed rail provided as the example. The draft applicability framework does not define what number of years equates to long-term construction. Because construction of the Project is assumed to have a duration of 12 years, it may or may not qualify as a short-term project under the final SCAQMD guidance, if/once issued. Nonetheless, as described above, the Project itself would result in health risk impacts from construction that would be less than significant with implementation of MM-AQ-2. Therefore, it is anticipated that the Project would also not result in a cumulatively considerable health risk impact from construction.

In addition, SCAQMD has indicated that projects that consist of primarily residential development, such as the Project, would also screen out of a cumulative health risk analysis for operations since they tend to have low potential cancer risk (SCAQMD 2023a).

Overall, based on the preceding considerations, potential cumulative health risk associated with Project development would be **potentially significant** before implementation of **MM-AQ-1**, and **less than significant after mitigation.**

Valley Fever

As discussed in Section 2.1.2.2, Non-criteria Air Pollutants, valley fever is not highly endemic to Los Angeles County, with an incident rate of 15.7 cases per 100,000 people in 2022 (CDPH 2023). The California counties considered highly endemic for valley fever include Kern (264.9 per 100,000), Kings (111 per 100,000), Tulare (65.7 per 100,000), San Luis Obispo (51.5 per 100,000), Fresno (44.3 per 100,000), Merced (24.2 per 100,000), and Monterey (26.0 per 100,000).

Valley Fever is most commonly associated with arid and semi-arid soils that are:

- Well-drained
- Salt-rich
- Composed of fine sand and silt particles

These soil types are typically found in desert and valley regions, such as California's Central Valley. The fungus *Coccidioides*, which causes Valley Fever, thrives in these conditions, especially when the soil is disturbed by wind, construction, or digging, releasing spores into the air. Environmental factors like low rainfall, high temperatures, and drought further enhance the suitability of these soils for fungal growth and spore dispersal.

The Project site is composed of soils that are classified as sandy loam, gravelly sandy loam, loam, and riverwash. The soils are considered well-drained and considered to be non-saline or very slightly saline (USDA NRCS 2025). Even if present at the site, construction activities may not result in increased incidence of valley fever. Propagation of valley fever is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. Valley fever spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing valley fever. Moreover, exposure to valley fever does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

In order to reduce fugitive dust from the Project and minimize adverse air quality impacts, the Project would employ dust control measures in accordance with SCAQMD Rules 401 and 403, which limit the amount of fugitive dust generated during construction. These requirements are consistent with California Department of Public Health recommendations for the implementation of dust control measures, including regular application of water during soil-disturbance activities, to reduce exposure to valley fever by minimizing the potential that the fungal spores become airborne (CDPH 2013). Further, regulations designed to minimize exposure to valley fever hazards are included in Title 8 of the California Code of Regulations and would be complied with during the Project's construction phase (California Department of Industrial Relations 2017).

In summary, the Project would not result in a significant impact attributable to valley fever exposure based on its geographic location and compliance with applicable regulatory standards and dust control measures, which will serve to minimize the release of and exposure to fungal spores. Therefore, impacts associated with valley fever exposure for sensitive receptors would be **less than significant**.

Level of Significance Before Mitigation

Localized criteria air pollutant emissions and potential cancer health risks to on-site residents during construction would be less than significant. Potential health risks to off-site residents would be **potentially significant** during construction. The potential for CO hotspots, operational health risks from TACs, and valley fever exposure would be less than significant.

Mitigation Measures

MM-AQ-1 Construction Equipment Exhaust Minimization. Prior to the commencement of initial site development construction activities, the Project applicant or its designee shall provide evidence to the City of Santa Clarita (City) that (1) for off-road equipment with engines rated at 25 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Final. An exemption

from this requirement may be granted if (1) the applicant documents equipment with Tier 4 Final engines are not reasonably available, and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the project from other combinations of construction equipment. Before an exemption may be granted, the applicant's construction contractor shall (1) demonstrate that at least three construction fleet owners/operators in Los Angeles County were contacted and that those owners/operators confirmed Tier 4 Final equipment could not be located within Los Angeles County during the desired construction schedule, and (2) the proposed replacement equipment has been evaluated using the California Emissions Estimator Model or other industry standard emission estimation method and documentation has been provided to the City to confirm that necessary project-generated emissions reductions are achieved.

Level of Significance After Mitigation

The HRA results after incorporation of **MM-AQ-1** show that the Residential Maximum Individual Cancer Risk residential off site would be reduced below significance thresholds. The Project construction TAC health risk impacts would be **less than significant with mitigation**.

Potential operational health risk would result in a **less than significant** impact without mitigation.

Potential cumulative health risk would be **less than significant with mitigation** (specifically **MM-AQ-1**).

Impacts associated with valley fever exposure for sensitive receptors would be **less than significant** without mitigation.

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

Construction and operation of the Project would result in various emissions; however, criteria air pollutants, fugitive dust, and TACs are addressed under Sections 2.4.2 and 2.4.3, above. As such, this impact analysis is focused on the potential for an odor impact to occur. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the Project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Such odors would disperse rapidly from the Project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be considered **less than significant.**

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The Project applicant does not propose, and the Project would not engage in any of these activities or other potential activities that would generate operational odors. The Project entails operation of a senior residential

community and would not create any new sources of odors during operation. Therefore, the Project would result in an odor impact that is **less than significant.**

Level of Significance Before Mitigation

Impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be **less than significant** without mitigation.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2023e).

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

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2023e). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.1.5, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the state's primary GHG emission reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are

emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[13]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic (i.e., caused by human activity) GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. CH_4 is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric O_3-depleting substances (e.g., chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to O_3-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the O_3-depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

[13] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "GHG Inventory Glossary" (2024), and EPA's "Glossary of Climate Change Terms" (2024).

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

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

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

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

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

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

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2023f). The Intergovernmental Panel on Climate Change (IPCC) developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to

that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e).

The current version of CalEEMod (version 2022) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the Project.

3.1.4 Sources of Greenhouse Gas Emissions

Per EPA's Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2022, total United States GHG emissions were approximately 6,343.2 million metric tons (MMT) CO_2e in 2022 (EPA 2023g). Total U.S. emissions have decreased by 3% from 1990 to 2022, down from a high of 15.2% above 1990 levels in 2007. Emissions increased from 2021 to 2022 by 0.2% (14.4 MMT CO_2e). Net emissions (i.e., including sinks) were 5,489 MMT CO_2e in 2022. Overall, net emissions increased 1.3% from 2021 to 2022 and decreased 16.7% from 2005 levels. Between 2021 and 2022, the increase in total GHG emissions was driven largely by an increase in CO_2 emissions from fossil fuel combustion across most end-use sectors due in part to increased energy use from the continued rebound of economic activity after the height of the COVID-19 pandemic. In 2022, CO_2 emissions from fossil fuel combustion increased by 1% relative to the previous year and were 1.1% below emissions in 1990. CO_2 emissions from natural gas use increased by 5.2% (84.8 MMT CO_2e.) from 2021, while emissions from coal consumption decreased by 6.1% (58.6 MMT CO_2e.) from 2021 to 2022. The increase in natural gas consumption and associated emissions in 2022 is observed across all sectors except U.S. Territories, while the coal decrease is due to reduced use in the electric power sector. Emissions from petroleum use also increased by 0.9% (19.0 MMT CO_2e.).) from 2021 to 2022. Carbon sequestration from the Land Use, Land Use Change, and Forestry (LULUCF) sector offset 14.5% of total emissions in 2022. (EPA 2023g).

According to California's 2000–2022 GHG emissions inventory (2024 edition), California emitted approximately 371.1 MMT CO_2e in 2022, including emissions resulting from out-of-state electrical generation (CARB 2024e). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high-GWP substances, and recycling and waste. As shown, as of 2022, transportation represents 37% of the total percentage of annual GHG emissions in California. Table 3-1 presents California GHG emission source categories and their relative contributions to the emissions inventory in 2020.

Table 3-1. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)[a]	Percent of Total[a]
Transportation	139.9	38
Industrial	59.8	16
Electric power	72.7	20
Commercial and Residential	39.5	11
Agriculture	29.8	8
High global-warming potential substances	21.3	6
Recycling and waste	8.2	2
Total	**371.1**	**100**

Source: CARB 2024e.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent.

Emissions reflect the 2020 California GHG inventory by Scoping Plan Category (CARB 2022h).
[a] Percentage of total and annual GHG emissions have been rounded, and total may not sum due to rounding.

3.1.5 Potential Effects of Climate Change

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

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, frequency of severe weather events, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Global surface temperature in the first two decades of the twenty-first century (2001–2020) was 0.99 [0.84 to 1.10]°C higher than 1850–1900 (IPCC 2023). Global surface temperature has increased faster since 1970 than in any other 50-year period over at least the last 2000 years (IPCC 2023). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities, principally through emissions of GHGs, have unequivocally caused global warming, with global surface temperature reaching 1.1°C above 1850-1900 in 2011-2020 (IPCC 2023).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. OEHHA identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed including an increase in annual average air temperature, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2022b).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in spring snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2022b).

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

variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The California Natural Resources Agency (CNRA) has released four California Climate Change Assessments (in 2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, ocean acidification, hypoxia,[14] and warming. To address local and regional governments' need for information to support action in their communities, the Fourth Assessment (CNRA 2018) includes reports for nine regions of the state, including the Los Angeles Region, which includes Los Angeles County where the Project is located. Key projected climate changes for the Los Angeles Region include the following (CNRA 2018):

- Continued future warming over the Los Angeles Region. Across the region, average maximum temperatures are projected to increase around 4°F to 5°F by the mid-century, and 5°F to 8°F by the late century.
- Extreme temperatures are also expected to increase. The hottest day of the year may be up to 10°F warmer for many locations across the Los Angeles Region by the late century under certain model scenarios. The number of extremely hot days is also expected to increase across the region.
- Despite small changes in average precipitation, dry and wet extremes are both expected to increase. By the late twenty-first century, the wettest day of the year is expected to increase across most of the Los Angeles Region, with some locations experiencing 25% to 30% increases under certain model scenarios. Increased frequency and severity of atmospheric river events are also projected to occur for this region.
- Sea levels are projected to continue to rise in the future, but there is a large range based on emissions scenario and uncertainty in feedbacks in the climate system. Roughly 1 foot to 2 feet of sea level rise is projected by the mid-century, and the most extreme projections lead to 8 feet to 10 feet of sea level rise by the end of the century.
- Projections indicate that the number of wildfires may increase over southern California, but there remains uncertainty in quantifying future changes of burned area over the Los Angeles region.

3.2 Regulatory Setting

3.2.1 International Regulations

In 1988, the United Nations and the World Meteorological Organization established the IPCC to assess the scientific, technical, and socioeconomic information relevant to understanding the scientific basis for human-induced climate change, its potential impacts, and options for adaptation and mitigation. The most recent reports of the IPCC have emphasized the scientific consensus that real and measurable changes to the climate are occurring, that they are caused by human activity, and that significant adverse impacts on the environment, the economy, and human health and welfare are unavoidable.

On March 21, 1994, the United States joined a number of countries around the world in signing the United Nations Framework Convention on Climate Change. Under the Convention, governments agreed to gather and share information on GHG emissions, national policies, and best practices; launch national strategies for addressing GHG

[14] Hypoxia is the state in which oxygen is not available in sufficient amounts at the tissue level to maintain adequate homeostasis.

emissions and adapting to expected impacts, including the provision of financial and technological support to developing countries; and cooperate in preparing for adaptation to the impacts of global climate change.

3.2.2 Federal Regulations

Massachusetts v. U.S. Environmental Protection Agency

In Massachusetts v. EPA (April 2007), the U.S. Supreme Court ruled that CO_2 was a pollutant and directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In making these decisions, the EPA administrator is required to follow the language of Section 202(a) of the Clean Air Act. On December 7, 2009, the administrator signed a final rule with two distinct findings regarding GHGs under Section 202(a) of the Clean Air Act:

- **Endangerment Finding:** The elevated concentrations of GHGs—CO_2, CH_4, N_2O, hydrofluorocarbons, perfluorocarbons, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is referred to as the "endangerment finding."
- **Cause or Contribute Finding:** The combined emissions of GHGs—CO_2, CH_4, N_2O, and hydrofluorocarbons—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is referred to as the "cause or contribute finding."

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

Energy Independence and Security Act

The Energy Independence and Security Act of 2007 (Public Law 110-140), among other key measures, would do the following in aiding the reduction of national GHG emissions:

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

Federal Vehicle Standards

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

In 2010, President Obama issued a memorandum directing the Department of Transportation, the Department of Energy, the EPA, and the NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and the NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017 through 2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017 through 2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks.

In 2011, in addition to the regulations applicable to cars and light-duty trucks described above, the EPA and the NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014 through 2018. The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6% to 23% over the 2010 baselines (76 FR 57106–57513).

In August 2016, the EPA and the NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

On April 2, 2018, the EPA, under administrator Scott Pruitt, reconsidered the final determination for light-duty vehicles and withdrew its previous 2017 determination, stating that the current standards may be too stringent and therefore should be revised as appropriate (83 FR 16077–16087).

In August 2018, the EPA and the NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and to establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards then in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2% to 3% of total daily consumption, according to the Energy Information Administration) and impact the global climate by 3/1000th of 1°C by 2100 (EPA and NHTSA 2018).

In 2019, the EPA and the NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1) (84 FR 51310), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued, which set CO_2 emissions standards and Corporate Average Fuel Economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026.

In response to Executive Order 13990, on December 21, 2021, the NHTSA finalized the Corporate Average Fuel Economy Preemption rule to withdraw its portions of the Part One Rule. The final rule concluded that the Part One Rule overstepped the agency's legal authority and established overly broad prohibitions that did not account for a variety of important state and local interests.

In March 2022, the NHTSA established new fuel economy standards that would require an industry-wide fleet average of approximately 49 miles per gallon for passenger cars and light trucks in model year 2026, by increasing fuel efficiency by 8% annually for model years 2024 and 2025, and 10% annually for model year 2026.

The Inflation Reduction Act of 2022

The Inflation Reduction Act was signed into law by President Biden in August 2022. The Act includes specific investment in energy and climate reform and is projected to reduce GHG emissions within the United States by 40% as compared to 2005 levels by 2030. The Act allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of electric vehicles (EVs), and includes measures that will make homes more energy efficient.

The Inflation Reduction Act authorized the EPA to implement the Greenhouse Gas Reduction Fund program, which is a historic, $27 billion investment to mobilize financing and private capital to combat the climate crisis and ensure American economic competitiveness. The Greenhouse Gas Reduction Fund will be designed to achieve the following program objectives: reduce GHG emissions and other air pollutants; deliver the benefits of GHG- and air-pollution-reducing projects to American communities, particularly low-income and disadvantaged communities; and mobilize financing and private capital to stimulate additional deployment of GHG and air pollution reducing projects (EPA 2023h).

The Inflation Reduction Act confirms that reduction of GHGs is a core goal of the Clean Air Act and that the funding provided should allow the EPA to increase the scope of its Clean Air Act rulemakings. The Act also confirms applicability of the Inflation Reduction Act to GHGs in three specific areas: (1) California's ability to regulate GHG emissions from vehicles; (2) the EPA's authority to regulate CH_4 emissions from oil and gas facilities; and (3) the EPA's authority to regulate GHG emissions from power plants.

3.2.3 State Regulations

The statewide GHG emissions regulatory framework is summarized in this subsection by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, water, solid waste, and other state actions. The following text describes EOs, ABs, SBs, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

3.2.3.1 State Climate Change Targets

The state has taken a number of actions to address climate change. These actions are summarized below, and include EOs, legislation, and CARB plans and requirements.

Executive Order S-3-05

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

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

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry.

Assembly Bill 32

In furtherance of the goals identified in EO S-3-05, the Legislature enacted AB 32, the California Global Warming Solutions Act of 2006 (California Health and Safety Code Sections 38500–38599). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020, and initiate the transformations required to achieve the state's long-range climate objectives.

Executive Order B-30-15

EO B-30-15 (April 2015) identified an interim GHG-reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050, as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Climate Change Scoping Plan (Scoping Plan) to express the 2030 target in terms of millions of metric tons (MMT) CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission-reduction programs in support of the reduction targets.

Senate Bill 32 and Assembly Bill 197

SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions-reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions-reduction measures when updating the Scoping Plan.

Executive Order B-55-18

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

Assembly Bill 1279

The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022. The bill declares the policy of the state to achieve net zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels.

California Air Resources Board's Climate Change Scoping Plan

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

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

In December 2017, CARB released the 2017 Climate Change Scoping Plan Update (2017 Scoping Plan Update) for public review and comment (CARB 2017a). The 2017 Scoping Plan Update builds on the successful framework established in the initial Scoping Plan and 2014 Scoping Plan Update, while identifying new technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The strategies' known commitments include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant (SLCP) Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, the 2017 Scoping Plan Update recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

CARB adopted the 2022 Scoping Plan Update in December 2022. The 2022 CARB Scoping Plan Update outlines the state's plan to reach carbon neutrality by 2045 or earlier, while also assessing the progress the state is making toward achieving GHG reduction goals by 2030. Per the Legislative Analyst's Office, the 2022 CARB Scoping Plan identifies a more aggressive 2030 GHG goal. As it relates to the 2030 goal, perhaps the most significant change in the 2022 plan (as compared to previous Scoping Plans) is that it identifies a new GHG target of 48% below the 1990 level, compared to the current statutory goal of 40% below. Current law requires the state to reduce GHG emissions by at least 40% below the 1990 level by 2030 but does not specify an alternative goal. According to CARB, a focus on the lower target is needed to put the state on a path to meeting the newly established 2045 goal, consistent with the overall path to 2045 carbon neutrality. The carbon neutrality goal requires CARB to expand proposed actions from only the reduction of anthropogenic sources of GHG emissions to also include those that capture and store carbon (e.g., through natural and working lands, or mechanical technologies). The carbon reduction programs build on and accelerate those currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable

options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen (CARB 2022h).

The 2022 CARB Scoping Plan Update also emphasizes that there is no realistic path to carbon neutrality without carbon removal and sequestration, and to achieve the state's carbon neutrality goal, carbon reduction programs must be supplemented by strategies to remove and sequester carbon. Strategies for carbon removal and sequestration include carbon capture and storage from anthropogenic point sources, where CO_2 is captured as it leaves a facility's smokestack and is injected into geologic formations or used in industrial materials (e.g., concrete); and CO_2 removal from ambient air, through mechanical (e.g., direct air capture with sequestration) or nature-based (e.g., management of natural and working lands) applications.

The 2022 CARB Scoping Plan Update details "Local Actions" in Appendix D. The Appendix D Local Actions include recommendations to build momentum for local government actions that align with the state's climate goals, with a focus on local GHG reduction strategies (commonly referred to as climate action planning) and approval of new land use development projects, including through environmental review under CEQA. The recommendations provided in 2022 CARB Scoping Plan Appendix D are non-binding (i.e., not regulatory) and should not be interpreted as a directive to local governments, but rather as evidence-based analytical tools to assist local governments with their role as essential partners in achieving California's climate goals.

2022 CARB Scoping Plan Appendix D recognizes consistency with a CEQA-qualified GHG reduction plan such as a climate action plan (CAP) as a first option for evaluating potential GHG emission impacts under CEQA. Absent a qualified GHG reduction plan, for residential and mixed-use projects, 2022 CARB Scoping Plan Appendix D provides a second option for evaluating project consistency with recommendations for key attributes that projects should achieve that would align with the state's climate goals. These key attributes include EV charging infrastructure, infill location, no loss or conversion of natural and working lands, transit-supportive densities or proximity to transit stops, reducing parking requirements, provision of affordable housing (at least 20% of units), no net loss of existing affordable units, and all-electric appliances with no natural gas connection (CARB 2022h). Projects that achieve all key attributes are considered "clearly consistent" with the state's climate and housing goals, since these attributes address the largest sources of operational emissions for residential and mixed-use projects. According to the 2022 CARB Scoping Plan Update, in general, residential and mixed-use projects that incorporate all these attributes are aligned with the state's priority GHG reduction strategies for local climate action as shown on Table 1 of the 2022 CARB Scoping Plan Update, and with the state's climate and housing goals. Such projects are considered consistent with the Scoping Plan; and therefore, the GHG emissions associated with such projects generally result in a less-than-significant GHG impact under CEQA (CARB 2022h). Additionally, the 2022 CARB Scoping Plan Update states that lead agencies under CEQA "may determine, with adequate additional supporting evidence, that projects that incorporate some, but not all, of the key project attributes are consistent with the State's climate goals" (CARB 2022h).

The above is CARB's recommended approach for evaluating significance of GHG impacts for residential and mixed-use development projects (CARB 2022h). However, alternative approaches to evaluating project-level alignment with state climate goals are also provided in the 2022 CARB Scoping Plan Appendix D. Lead agencies under CEQA can make a significance determination based on whether the project would result in net-zero GHG emissions and whether the project is consistent with a significance determination/threshold recommended by the applicable air

district or other lead agencies (CARB 2022h). The 2022 CARB Scoping Plan Appendix D acknowledges, however, that net zero may not be feasible or appropriate for every project (CARB 2022h).

Executive Order B-18-12

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

Senate Bill 605 and Senate Bill 1383

SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of SLCPs in the state (California Health and Safety Code Section 39730) and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018 (California Public Resources Code Sections 42652–43654). SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for CH_4 and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon) and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its SLCP Reduction Strategy in March 2017 (CARB 2017b). The SLCP Reduction Strategy establishes a framework for the statewide reduction of emissions of black carbon, CH_4, and fluorinated gases (CARB 2017b).

Assembly Bill 1757

AB 1757 (September 2022) requires the CNRA to determine a range of targets for natural carbon sequestration, and for nature-based climate solutions that reduce GHG emissions for future years 2030, 2038, and 2045. These targets are to be determined by no later than January 1, 2024, and are established to support the state's goals to achieve carbon neutrality and foster climate adaptation and resilience.

3.2.3.2 Building Energy

California Code of Regulations, Title 24, Part 6

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

The current Title 24, Part 6 standards, referred to as the 2022 Title 24 Building Energy Efficiency Standards, became effective on January 1, 2023. The 2022 Energy Code focuses on four key areas in newly constructed homes and businesses quality (CEC 2021):

- Encouraging electric heat pump technology for space and water heating, which consumes less energy and produces fewer emissions than gas-powered units.
- Establishing electric-ready requirements for single-family homes to position owners to use cleaner electric heating, cooking, and electric vehicle (EV) charging options whenever they choose to adopt those technologies.
- Expanding solar PV system and battery storage standards to make clean energy available on site and complement the state's progress toward a 100% clean electricity grid.
- Strengthening ventilation standards to improve indoor air quality.

California Code of Regulations, Title 24, Part 11

In addition to CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR Part 11), which is commonly referred to as California Green Building Standards (CALGreen), establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The 2022 CALGreen standards are the current applicable standards.

California Code of Regulations, Title 20

Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency (20 CCR 1401–1410). CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations and appliances must meet the standards for energy performance, energy design, water performance, and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Senate Bill 1

SB 1 (2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the California Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for PV systems to meet minimum energy-efficiency levels and performance

requirements (California Public Resources Code Sections 25780–25784). Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

Assembly Bill 1470

This bill established the Solar Water Heating and Efficiency Act of 2007 (California Public Utilities Code Sections 2851–2869). The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand.

Assembly Bill 1109

Enacted in 2007, AB 1109 required CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting (California Public Resources Code Section 25402.5.4).

3.2.3.3 Renewable Energy and Energy Procurement

Senate Bill 1078, Senate Bill 1368, Executive Order S-14-08, Executive Order S-21-09 and Senate Bill X1-2, and Senate Bill 1020

SB 1078 (2002) (California Public Utilities Code Section 399.11 et seq.) established the Renewables Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and EO S-21-09).

SB 1368 (2006), required CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities (California Public Utilities Code Section 8340–8341). These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

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

EO S-21-09 (2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health, and those that can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard;

however, this regulation was not finalized because of subsequent legislation (SB X1-2) signed by Governor Brown in April 2011.

SB X1-2 (April 2011) expanded RPS by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, PV, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location. SB X1-2 applies to all electricity retailers in the state, including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All these entities must meet the renewable energy goals listed above.

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

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

SB 1020 (September 2022) revises the standards from SB 100, requiring the following percentage of retail sales of electricity to California end-use customers to come from eligible renewable energy resources and zero-carbon resources: 90% by December 31, 2035; 95% by December 31, 2040; and 100% by December 31, 2045.

3.2.3.4 Mobile Sources

State Vehicle Standards (Assembly Bill 1493 and Executive Order B-16-12)

AB 1493 (July 2002) was enacted in response to the transportation sector accounting for a large share of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-In Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 identified a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare. As explained under the "Federal Vehicle Standards" description in Section 3.2.2, Federal

Regulations, EPA and NHTSA approved the SAFE Vehicles Rule Part One and Two, which revoked California's authority to set its own GHG emissions standards and set ZEV mandates in California.

As also explained in Section 3.2.2, in March 2022, EPA reinstated California's authority under the Clean Air Act to implement its own GHG emission standards and ZEV sales mandate. EPA's action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

Heavy-Duty Diesel

CARB adopted the final Heavy-Duty Truck and Bus Regulation on December 31, 2014, to reduce DPM, a major source of black carbon, and NO_x emissions from heavy-duty diesel vehicles (13 CCR 2025). The rule requires that DPM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxics Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

Executive Order S-1-07

EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining Low Carbon Fuel Standard for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the Low Carbon Fuel Standard is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel—including extraction/feedstock production, processing, transportation, and final consumption—per unit of energy delivered.

Senate Bill 375

SB 375 (California Government Code Section 65080) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG-reduction targets for the automobile and light-truck sector for 2020 and 2035, and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations (MPOs) to prepare an SCS as part of their RTP that will achieve the GHG-reduction targets set by CARB. If an MPO is unable to devise an SCS to achieve the GHG-reduction target, the MPO must prepare an alternative planning strategy demonstrating how the GHG-reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

An SCS does not (1) regulate the use of land; (2) supersede the land use authority of cities and counties; or (3) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it (California Government Code Section 65080[b][2][K]). Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process. Unlike AB 32, the California Global Warming Solutions Act of 2006, with its market mechanisms that generate cap-and-trade auction proceeds to the state for reinvestment, SB 375 does not provide any new financial resources to make the production and

preservation of affordable homes near transit feasible (California Housing Partnership Corporation and TransForm 2014).

Advanced Clean Cars Program and Zero-Emissions Vehicle Program

The Advanced Clean Cars (ACC) I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the Low-Emission Vehicle (LEV) regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for ZEVs that contributes to both types of emission reductions (CARB 2024f). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold in 2015. The ZEV program will act as the focused technology of the ACC I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid EVs in the 2018 to 2025 model years.

The ACC II program, which was adopted in August 2022, established the next set of LEV and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality O_3 standards and California's carbon neutrality standards (CARB 2024g). The main objectives of ACC II are as follows:

- Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.
- Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

The ACC II rulemaking package also considers technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts.

Executive Order N-79-20

EO N-79-20 (September 2020) requires CARB to develop regulations as follows: (1) Passenger vehicle and truck regulations requiring increasing volumes of new ZEVs sold in the state towards the target of 100% of in-state sales by 2035; (2) medium- and heavy-duty vehicle regulations requiring increasing volumes of new zero-emission trucks and buses sold and operated in the state towards the target of 100% of the fleet transitioning to ZEVs by 2045 everywhere feasible and for all drayage trucks to be zero emission by 2035; and (3) strategies, in coordination with other state agencies, the EPA, and local air districts, to achieve 100% zero emissions from off-road vehicles and equipment operations in the state by 2035. EO N-79-20 called for the development of a ZEV Market Development Strategy, which was released February 2021, to be updated every 3 years, that ensures coordination and implementation of the EO and outlines actions to support new and used ZEV markets. In addition, the EO specifies identification of near-term actions, and investment strategies, to improve clean transportation, sustainable freight, and transit options; and calls for development of strategies, recommendations, and actions by July 15, 2021, to manage and expedite the responsible closure and remediation of former oil extraction sites as the state transitions to a carbon-neutral economy.

Advanced Clean Trucks Regulation

The Advanced Clean Trucks Regulation was also approved by CARB in 2020. The purpose of the Advanced Clean Trucks Regulation is to accelerate the market for ZEVs in the medium- and heavy-duty truck sector and to reduce air pollutant emissions generated from on-road mobile sources (CARB 2024b). The regulation has two components, (1) a manufacturer sales requirement and (2) a reporting requirement:

- **Zero-emission truck sales:** Manufacturers who certify Class 2b–8 chassis or complete vehicles with combustion engines will be required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales would need to be 55% of Class 2b–3 truck sales, 75% of Class 4–8 straight truck sales, and 40% of truck tractor sales.
- **Company and fleet reporting:** Large employers including retailers, manufacturers, brokers, and others will be required to report information about shipments and shuttle services. Fleet owners with 50 or more trucks will be required to report about their existing fleet operations. This information will help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

3.2.3.5 Water

Senate Bill X7-7

SB X7-7, or the Water Conservation Act of 2009, required that all water suppliers increase their water use efficiency with an overall goal of reducing per capita urban water use by 20% by December 31, 2020. Each urban water supplier was required to develop water use targets to meet this goal.

Executive Order B-29-15

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

Executive Order N-10-21

In response to a state of emergency due to severe drought conditions, EO N-10-21 (July 2021) called on all Californians to voluntarily reduce their water use by 15% from their 2020 levels. Actions suggested in EO N-10-21 include reducing landscape irrigation, running dishwashers and washing machines only when full, finding and fixing leaks, installing water-efficient showerheads, taking shorter showers, using a shut-off nozzle on hoses, and taking cars to commercial car washes that use recycled water.

3.2.3.6 Solid Waste

Assembly Bill 939, Assembly Bill 341, Assembly Bill 1826, and Senate Bill 1383

In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code Section 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board (replaced in 2010 by the California Department of Resources Recycling and Recovery, or CalRecycle), which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (2011) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required CalRecycle to develop strategies to achieve the state's policy goal. CalRecycle has conducted multiple workshops and published documents that identify priority strategies that it believes would assist the state in reaching the 75% goal by 2020.

AB 1826 (Chapter 727, Statutes of 2014, effective 2016) requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. This law also requires local jurisdictions across the state to implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. The minimum threshold of organic waste generation by businesses decreases over time, which means an increasingly greater proportion of the commercial sector will be required to comply.

SB 1383 (2016) requires a 50% reduction in organic waste disposal from 2014 levels by 2020 and a 75% reduction by 2025—essentially requiring the diversion of up to 27 million tons of organic waste—to reduce GHG emissions. SB 1383 also requires that not less than 20% of edible food that is currently disposed be recovered for human consumption by 2025.

3.2.3.7 Other State Actions

Senate Bill 97

SB 97 (2007) directed the Governor's Office of Planning and Research and CNRA to develop guidelines under CEQA for the mitigation of GHG emissions. CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4[a]). The CEQA Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures (14 CCR 15126.4[c]). The adopted

amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. CNRA also acknowledged that a lead agency could consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009).

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a), as subsequently amended in 2018, states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines now note that an agency "shall have discretion to determine, in the context of a particular project, whether to: (1) Quantify greenhouse gas emissions resulting from a project; and/or (2) Rely on a qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent to which a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]).

Executive Order S-13-08

EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009, and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014. To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean and coastal ecosystems and resources, public health, transportation, and water. Issuance of Safeguarding California: Implementation Action Plans followed in March 2016. In January 2018, CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency.

3.2.4 Local Regulations

3.2.4.1 South Coast Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigations for potentially significant impacts. Although air districts will also address some of these issues on a project-specific basis as responsible agencies, they may provide general guidance to local governments on these issues (SCAQMD 2008).

3.2.4.2 Southern California Association of Governments

As noted above, California's 18 MPOs have been tasked with creating SCSs in an effort to reduce the region's VMT in order to help meet AB 32 targets through integrated transportation, land use, housing, and environmental planning. Pursuant to SB 375, CARB set per-capita GHG emission reduction targets from passenger vehicles for each of the state's 18 MPOs. For SCAG, the state's initial mandated reductions were set at 8% by 2020 and 13%

by 2035. In March 2018, CARB updated the SB 375 targets for SCAG to require 8% reduction by 2020 and a 19% reduction by 2035 in per-capita passenger vehicle GHG emissions.

The RTP/SCSs do not require that local general plans, specific plans, or zoning be consistent with it but provide incentives for consistency for governments and developers.

The RTP/SCS is updated every 4 years. SCAG adopted the 2024-2050 RTP/SCS, also referred to as "Connect SoCal 2024" on April 4, 2024. The Connect SoCal 2024-2050 builds upon prior planning cycles to update the vision of the region's future (SCAG 2024). SCAG's Connect SoCal 2024–2050 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS is a regional growth management strategy, which targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to SB 375. In addition to demonstrating the region's ability to attain the GHG emission reduction targets set forth by CARB, the 2024–2050 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands (SCAG 2024). Thus, successful implementation of the 2024–2050 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

Connect SoCal 2024 builds on the prior RTP/SCS and identifies the following strategy areas to support its environmental goals: Sustainable Development, Air Quality, Clean Transportation, Natural and Agricultural Lands Preservation, and Climate Resilience.

3.2.4.3 City of Santa Clarita

The City of Santa Clarita adopted its General Plan in 2011. The City's General Plan includes various policies related to GHGs in the Conservation and Open Space Element. Applicable goals and policies include the following:

Conservation and Open Space Element

Goal CO Development designed to improve energy efficiency, reduce energy and natural resource consumption, and reduce emissions of greenhouse gases.

Objective CO 8.1 Comply with the requirements of State law, including AB 32, SB 375 and implementing regulations, to reach targeted reductions of greenhouse gas (GHG) emissions.

Policy CO 8.1.2 Participate in the preparation of a regional Sustainable Communities Strategy (SCS) Plan to meet regional targets for greenhouse gas emission reductions, as required by SB 375.

Policy CO 8.1.3 Revise codes and ordinances as needed to address energy conservation, including but not limited to the following:

a. Strengthen building codes for new construction and renovation to achieve a higher level of energy efficiency, with a goal of exceeding energy efficiency beyond that required by Title 24;

b. Adopt a Green Building Program to encourage green building practices and materials, along with appropriate ordinances and incentives;

c. Require orientation of buildings to maximize passive solar heating during cool seasons, avoid solar heat gain during hot periods, enhance natural ventilation, promote effective use of daylight, and optimize opportunities for on-site solar generation;

d. Encourage mitigation of the "heat island" effect through use of cool roofs, light-colored paving, and shading to reduce energy consumption for air conditioning.

Policy CO 8.1.4 Provide information and education to the public about energy conservation and local strategies to address climate change.

Policy CO 8.1.5 Coordinate various activities within the community and appropriate agencies related to GHG emissions reduction activities.

Objective CO 8.2 Reduce energy and materials consumption and greenhouse gas emissions in public uses and facilities.

Policy CO 8.2.1 Ensure that all new City buildings, and all major renovations and additions, meet adopted green building standards, with a goal of achieving the LEED (Leadership in Energy and Environmental Design) Silver rating or above, or equivalent where appropriate.

Policy CO 8.2.2 Ensure energy efficiency of existing public buildings through energy audits and repairs, and retrofit buildings with energy efficient heating and air conditioning systems and lighting fixtures, with a goal of completing energy repairs in City facilities by 2012.

Policy CO 8.2.3 Support purchase of renewable energy for public buildings, which may include installing solar photovoltaic systems to generate electricity for city buildings and operations and other methods as deemed appropriate and feasible, in concert with significant energy conservation efforts.

Policy CO 8.2.4 Establish maximum lighting levels for public facilities, and encourage reduction of lighting levels to the level needed for security purposes after business hours, in addition to use of downward-directed lighting and use of low-reflective paving surfaces.

Policy CO 8.2.5	Support installation of photovoltaic and other renewable energy equipment on public facilities, in concert with significant energy conservation efforts.
Policy CO 8.2.6	Promote use of solar lighting in parks and along paseos and trails, where practical.
Policy CO 8.2.7	Support the use of sustainable alternative fuel vehicles for machinery and fleets, where practical, by evaluating fuel sources, manufacturing processes, maintenance costs and vehicle lifetime use.
Policy CO 8.2.8	Promote the purchase of energy-efficient and recycled products, and vendors and contractors who use energy-efficient vehicles and products, consistent with adopted purchasing policies.
Policy CO 8.2.9	Reduce heat islands through installation of trees to shade parking lots and hardscapes, and use of light-colored reflective paving and roofing surfaces.
Policy CO 8.2.10	Support installation of energy-efficient traffic control devices, street lights, and parking lot lights.
Policy CO 8.2.11	Implement recycling in all public buildings, parks, and public facilities, including for special events.
Policy CO 8.2.12	Provide ongoing training to appropriate City employees on sustainable planning, building, and engineering practices.
Policy CO 8.2.13	Support trip reduction strategies for employees as described in the Circulation Element.
Policy CO 8.2.14	Reduce extensive heat gain from paved surfaces through development standards wherever feasible.
Objective CO 8.3	Encourage the following green building and sustainable development practices on private development projects, to the extent reasonable and feasible.
Policy CO 8.3.1	Evaluate site plans proposed for new development based on energy efficiency pursuant to LEED (Leadership in Energy and Environmental Design) standards for New Construction and Neighborhood Development, including the following: a) location efficiency; b) environmental preservation; c) compact, complete, and connected neighborhoods; and d) resource efficiency, including use of recycled materials and water.

Policy CO 8.3.2	Promote construction of energy efficient buildings through requirements for LEED certification or through comparable alternative requirements as adopted by local ordinance.
Policy CO 8.3.3	Promote energy efficiency and water conservation upgrades to existing non-residential buildings at the time of major remodel or additions. Policy CO 8.3.4: Encourage new residential development to include on-site solar photovoltaic systems, or pre-wiring, in at least 50% of the residential units, in concert with other significant energy conservation efforts.
Policy CO 8.3.5	Encourage on-site solar generation of electricity in new retail and office commercial buildings and associated parking lots, carports, and garages, in concert with other significant energy conservation efforts.
Policy CO 8.3.6	Require new development to use passive solar heating and cooling techniques in building design and construction, which may include but are not be limited to building orientation, clerestory windows, skylights, placement and type of windows, overhangs to shade doors and windows, and use of light colored roofs, shade trees, and paving materials.
Policy CO 8.3.7	Encourage the use of trees and landscaping to reduce heating and cooling energy loads, through shading of buildings and parking lots.
Policy CO 8.3.8	Encourage energy-conserving heating and cooling systems and appliances, and energy-efficiency in windows and insulation, in all new construction.
Policy CO 8.3.9	Limit excessive lighting levels, and encourage a reduction of lighting when businesses are closed to a level required for security.
Policy CO 8.3.10	Provide incentives and technical assistance for installation of energy-efficient improvements in existing and new buildings.
Policy CO 8.3.11	Consider allowing carbon off-sets for large development projects, if appropriate, which may include funding off-site projects or purchase of credits for other forms of mitigation, provided that any such mitigation shall be measurable and enforceable.
Policy CO 8.3.12	Reduce extensive heat gain from paved surfaces through development standards wherever feasible.

Objective CO 8.4 Reduce energy consumption for processing raw materials by promoting recycling and materials recovery by all residents and businesses throughout the community.

Policy CO 8.4.1 Encourage and promote the location of enclosed materials recovery facilities (MRF) within the Santa Clarita Valley.

Policy CO 8.4.2 Adopt mandatory residential recycling programs for all residential units, including single-family and multi-family dwellings.

Policy CO 8.4.3 Allow and encourage composting of greenwaste, where appropriate.

Policy CO 8.4.4 Promote commercial and industrial recycling, including recycling of construction and demolition debris.

Policy CO 8.4.5 Develop and implement standards for refuse and recycling receptacles and enclosures to accommodate recycling in all development.

Policy CO 8.4.6 Introduce and assist with the placement of receptacles for recyclable products in public places, including at special events.

Policy CO 8.4.7 Provide information to the public on recycling opportunities and facilities, and support various locations and events to promote public participation in recycling.

Policy CO 8.4.8 Take an active role in promoting, incubating, and encouraging businesses that would qualify under the Recycling Market Development Zone program or equivalent, including those that manufacture products made from recycled products, salvage, and resource recovery business parks.

City of Santa Clarita Green Building Standards Code

The City of Santa Clarita Green Building Standards Code is designed to promote sustainable development and reduce the environmental impact of construction within the city. It incorporates guidelines that address energy efficiency, water conservation, material sustainability, and indoor environmental quality in both residential and non-residential buildings. The code encourages the use of renewable energy sources, efficient waste management practices, and eco-friendly building materials to lower greenhouse gas emissions and reduce the city's overall carbon footprint. These standards align with California's statewide green building initiatives, supporting the city's long-term goals for sustainability and environmental stewardship.

3.3 Significance Criteria and Methodology

3.3.1 Thresholds of Significance

CEQA Guidelines

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

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

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the Project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a) states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions resulting from a project. The CEQA Guidelines note that an agency has the discretion to either quantify a project's GHG emissions or rely on a "qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). A lead agency may use a "model or methodology" to estimate GHG emissions and has the discretion to select the model or methodology it considers "most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change" (14 CCR 15064.4[c]). The CEQA Guidelines provide that the lead agency should consider the following when determining the significance of impacts from GHG emissions on the environment (14 CCR 15064.4[b]):

1. The extent a project may increase or reduce GHG emissions as compared to the existing environmental setting.
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.
3. The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

In addition, the CEQA Guidelines specify that "[w]hen adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence" (14 CCR 15064.7[c]).

The extent to which a project increases or decreases GHG emissions in the existing environmental setting should be estimated in accordance with CEQA Guidelines Section 15064.4 titled "Determining the Significance of Impacts from Greenhouse Gas Emissions." The CEQA Guidelines indicate that when calculating GHG emissions resulting from a project, lead agencies shall make a good-faith effort based on scientific and factual data (14 CCR 15064.4[a]), and lead agencies have discretion to select the model or methodology deemed most appropriate for enabling decision makers to intelligently assess the project's incremental contribution to climate change (14 CCR 15064.4[c]).

The CEQA Guidelines do not indicate an amount of GHG emissions that constitutes a significant impact on the environment. Instead, they authorize the lead agency to consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence (14 CCR 15064.4[a] and 15064.7[c]).

Governor's Office of Planning and Research Guidance

The Governor's Office of Planning and Research technical advisory titled, "CEQA and Climate Change: Addressing Climate Change through California Environmental Quality Act (CEQA) Review," states that "public agencies are encouraged but not required to adopt thresholds of significance for environmental impacts. Even in the absence of clearly defined thresholds for GHG emissions, the law requires that such emissions from CEQA projects must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact" (OPR 2008). Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice" (OPR 2008).

South Coast Air Quality Management District Guidance

In October 2008, SCAQMD proposed recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects, as presented in its Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold (SCAQMD 2008). This guidance document, which builds on the previous guidance prepared by the California Air Pollution Control Officers Association (CAPCOA), explored various approaches for establishing a significance threshold for GHG emissions. The draft interim CEQA thresholds guidance document was not adopted or approved by the Governing Board. However, in December 2008, SCAQMD adopted an interim 10,000 MT CO_2e per-year screening level threshold for stationary source/industrial projects for which SCAQMD is the lead agency (see SCAQMD Resolution No. 08-35, December 5, 2008).

SCAQMD formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. From December 2008 to September 2010, SCAQMD hosted working group meetings and revised the draft threshold proposal several times, although it did not officially provide these proposals in a subsequent document. The most recent proposal, issued in September 2010, proposed a tiered threshold approach including the use of bright-line 3,000 MT CO_2e per year for mixed-use projects and an efficiency metric for 2020 and 2035 (SCAQMD 2010). The unadopted SCAQMD efficiency metric thresholds for 2035 are 3.0 MT CO_2e per service population per year for project-level analyses and 4.1 MT CO_2e per service population per year for plan level analyses (SCAQMD 2010).

Notably, the SCAQMD service population threshold was tied to AB 32 goals, while the Project would be built post-2020.

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). The SCAQMD thresholds are recommendations and not required to be applied for CEQA GHG evaluations. The City, in exercising their lead agency discretion, could elect to not apply the SCAQMD thresholds for this Project. In addition, CEQA allows individual lead agencies to undertake a project-by-project analysis, consistent with available guidance and current CEQA practice, so the City could apply, if it chooses to, the SCAQMD recommended thresholds in other CEQA analyses.

Approach to Determining Significance

Given that neither the City, nor CARB, nor SCAQMD have adopted a numerical threshold of significance for GHG emissions within the City or region, the approach for evaluating the Project's impacts related to GHG emissions relies on compliance with applicable plans, policies, or regulations adopted for the purposed of reducing the emissions of GHGs. The compliance evaluation is the sole basis for determining the significance of the project's GHG-related impacts on the environment.

Nevertheless, and in accordance with Section 15064.4 of the State CEQA Guidelines, GHG emissions resulting from construction and operation of the project were quantitatively estimated. The GHG emissions associated with implementation of the project were estimated using industry standard and accepted software tools, techniques, and emissions factors, as described below for construction and operation under Section 3.3.2. Estimation of emissions is for informational purposes only, for comparison with existing environmental conditions. The significance of the project's GHG impacts is based on the project's compliance with statewide GHG reduction regulations and requirements. At the state level, guidance on reduction strategies for GHG emissions has been provided through the CARB Scoping Plans and at the local level through the SCAG RTP/SCS and the City's General Plan.

The Scoping Plan (approved by CARB in 2008 and updated in 2014, 2017, and 2022) provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. The Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations.[15] Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., Low Carbon Fuel Standard), among others.

CARB's 2017 Scoping Plan specifically emphasizes the importance of reducing VMT of on-road vehicles to lower mobile-source GHG emissions to achieve statewide reduction targets. The 2017 Scoping Plan recommends a 15%

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

reduction in total light-duty VMT from the business-as-usual scenario in 2050 in alignment with the Mobile Source Strategy (CARB 2017 and CARB 2021). CARB analysis on the relationship of VMT reductions to state climate goals found that certain land use development projects that have total VMT per capita of 14.3% lower than existing conditions, and light-duty VMT per capita of 16.8% lower than existing conditions could be considered consistent with transportation assumptions assumed for the 2017 Scoping Plan and with the state's long-term (i.e., 2050) GHG reduction goals (CARB 2019). Per Section 15064.3 of the revised (2022) State of California Environmental Quality Act (CEQA) Guidelines, VMT is the most appropriate measure of transportation impacts, and is defined as the amount and distance of automobile traffic attributable to a project (OPR 2022). This methodology is consistent with the guidance provided in OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA, which assists with making significance determinations for transportation impacts in accordance with SB 743. Per the CEQA Guidelines, VMT is the most appropriate metric to ensure that transportation impacts from project-level environmental review under CEQA align with the state's long-term GHG reduction goals (OPR 2018).LCARB adopted the *2022 Scoping Plan Update* in December 2022 to discuss progress toward reaching the 2030 target and to address how the state will achieve carbon neutrality by 2045, as required by AB 1279. In the 2022 Plan, CARB builds on and accelerates programs already in place to reduce anthropogenic sources of GHG emissions and introduces new strategies to capture and store carbon. *Appendix D: Local Actions* of the Draft Plan outlines local actions that residential and mixed-use projects can implement to address their largest sources of emissions including transportation electrification, VMT reduction, and building decarbonization. CARB identifies these three sources as "Priority Areas" given that they represent those with the highest GHG reduction potential and GHG reduction opportunities for which local governments and agencies have the most authority (CARB 2022b).

Importantly, the 2022 Update emphasizes that there is no realistic path to reaching the 2045 goal of carbon neutrality without removing and sequestering carbon from the atmosphere. So, in addition to programs that aim to reduce GHG emissions, the Draft Plan proposes strategies to capture and store carbon, highlighting the importance of nature-based solutions through preservation and climate smart management of the state's natural and working lands (NWLs). Modeling conducted for the Draft Scoping Plan shows that California's NWLs are projected to be a net source of emissions (i.e., releasing more CO_2 emissions than they store) through 2045, which is historically due to human activities, such as land use change, and natural disturbances, such as wildfire. Therefore, the ability of the state's NWLs to act as a net sink (i.e., sequester and store more atmospheric CO_2 than they release) to help support the state's carbon neutrality goals is dependent on climate smart land management.

If the Project does not conflict with the regulations and actions outlined in the applicable state plans (i.e., 2022 Scoping Plan) and local plans (i.e., SCAG RTP/SCS and City's General Plan), the Project could appropriately rely on their use as showing compliance with performance-based standards adopted to fulfill the statewide goal for reducing GHG emissions. The Project's compliance with regulatory programs adopted by CARB, and other state and local agencies is therefore used to evaluate the significance of the project's GHG emissions.

3.3.2 Approach and Methodology

3.3.2.1 Construction Emissions

3.3.2.1.1 Construction Scenario Assumptions

CalEEMod Version 2022 was used to estimate potential Project-generated GHG emissions during construction. Construction of the Project would result in GHG emissions primarily associated with use of off-road construction

equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.3.2.1, Construction Emissions, are also applicable for the estimation of construction related GHG emissions. As such, see Section 2.3.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.3.2.2 Operational Emissions

3.3.2.2.1 Operational Emission Source Assumptions

As with the air quality analysis, emissions from the operational phase of the Project were estimated primarily using CalEEMod Version 2022. An operational year of 2032 was assumed consistent with completion of Project construction.

The CalEEMod land use development summary for the Project under build-out in 2032 is the same as presented in the air quality analysis in Table 2-9.

Mobile Sources

All details for criteria air pollutants discussed in Section 2.3.2.2.2, Operational Emission Source Assumptions, are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the Project's motor vehicles. The effectiveness of fuel economy improvements was evaluated using the CalEEMod emission factors for motor vehicles to the extent it was captured in CalEEMod 2022, which is based on EMFAC2021.

Area Sources

Hearths generate GHG emissions through the use of energy to provide localized heat. Pursuant to MM GHG-1, the Project would prohibit the use of woodburning or natural gas fireplaces and only allow for the use of electric fireplaces.

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. The emissions associated with landscape maintenance equipment were calculated based on assumptions provided in CalEEMod.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). CalEEMod default values for energy consumption were applied to each land use. The energy use from residential land uses is calculated in CalEEMod based on the Residential Appliance Saturation Survey.

Default electricity and natural gas consumption is based on 2019 consumption estimates using the CEC's 2018–2030 Uncalibrated Commercial Sector Forecast and 2019 Residential Appliance Saturation Survey (CAPCOA 2022)

Annual electricity emissions were estimated in CalEEMod using default values for emissions factors for Southern California Edison (SCE), which would be the energy source provider for the Project. Pursuant to MM GHG-2, the Project would be designed to be all-electric.

Water and Wastewater

Indirect GHG emissions result from the production of electricity used to convey, treat and distribute water and wastewater. The amount of electricity required to convey, treat and distribute water depends on the volume of water as well as the sources of the water. GHG emissions associated with project water consumption were calculated using CalEEMod using default parameters.

Solid Waste

The project would generate solid waste. A large percentage of this waste will be diverted from landfills by a variety of means, such as reducing the amount of waste generated, recycling, and/or composting. The remainder of the waste not diverted will be disposed of at a landfill. GHG emissions from landfills are associated with the anaerobic breakdown of material. GHG emissions associated with the disposal of solid waste associated with the project were calculated by CalEEMod using default parameters.

Refrigerants

Refrigerants are substances used in equipment for air conditioning (A/C) and refrigeration. Most of the refrigerants used today are hydrofluorocarbons or blends thereof, which can have high GWP values. All equipment that uses refrigerants has a charge size (i.e., quantity of refrigerant the equipment contains), and an operational refrigerant leak rate, and each refrigerant has a GWP that is specific to that refrigerant. CalEEMod default values were applied, which quantify refrigerant emissions from leaks during regular operation and routine servicing over the equipment lifetime, and then derives average annual emissions from the lifetime estimate (CAPCOA 2022).

3.4 Impact Analysis

3.4.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment or would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

As discussed previously, the project's compliance with regulatory programs adopted by CARB, and other state and local agencies is used to evaluate the significance of the project's GHG emissions. The Project's potential to conflict with applicable GHG reduction plans is evaluated below.

Project Potential to Conflict with State Reduction Targets and CARB's 2022 Scoping Plan

As discussed above, the California State Legislature passed AB 32 to provide initial direction to limit California's GHG emissions to 1990 levels by 2020 and initiate the state's long-range climate objectives. Since the passage of AB 32, the State has adopted GHG emissions reduction targets for future years beyond the initial 2020 horizon year. CARB is required to develop the Scoping Plan, which provides the framework for actions to achieve the State's GHG emission targets. While the Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations, it is the official framework for the measures and regulations that will be implemented to reduce California's GHG emissions in alignment with the adopted targets. Therefore, a project would be found to not conflict with the statutes if it would meet the Scoping Plan policies and would not impede attainment of the goals therein.

For the Project, the relevant GHG emissions reduction targets include those established by SB 32 and AB 1279, which require GHG emissions be reduced to 40% below 1990 levels by 2030, and 85% below 1990 levels by 2045, respectively. In addition, AB 1279 requires the state achieve net zero GHG emissions by no later than 2045 and achieve and maintain net negative GHG emissions thereafter. CARB's 2017 Scoping Plan update was the first to address the state's strategy for achieving the 2030 GHG reduction target set forth in SB 32 (CARB 2017), and the most recent CARB 2022 Scoping Plan update outlines the state's plan to reduce emissions and achieve carbon neutrality by 2045 in alignment with AB 1279 and assesses progress is making toward the 2030 SB 32 target (CARB 2022). As such, given that SB 32 and AB 1279 are the relevant GHG emission targets, the 2017 and 2022 Scoping Plan updates that outline the strategy to achieve those targets, are the most applicable to the Project.

The 2017 *Climate Change Scoping Plan Update* (Second Update) included measures to promote renewable energy and energy efficiency (including the mandates of SB 350), increase stringency of the Low Carbon Fuel Standard (LCFS), measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increase stringency of SB 375 targets. The *2022 Scoping Plan for Achieving Carbon Neutrality* (Third Update) builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022).

Many of the measures and programs included in the Scoping Plan would result in the reduction of Project-related GHG emissions with no action required at the project-level, including GHG emission reductions through increased energy efficiency and renewable energy production (SB 350), reduction in carbon intensity of transportation fuels (LCFS), and the accelerated efficiency and electrification of the statewide vehicle fleet (Mobile Source Strategy).

The 2045 carbon neutrality goal required CARB to expand proposed actions in the Third Update to include those that capture and store carbon in addition to those that reduce only anthropogenic sources of GHG emissions. The proposed project would support the state's carbon neutrality goals, as implementation includes addition of urban-tree and native plantings throughout the project site, which represent opportunities for potential carbon removal and sequestration over the project life-time. However, the Third Update emphasizes that reliance on carbon sequestration in the state's natural and working lands will not be sufficient to address residual GHG emissions, and achieving carbon neutrality will require research, development, and deployment of additional methods to capture atmospheric GHG emissions (e.g., mechanical direct air capture). Given that the specific path to neutrality will require

development of technologies and programs that are not currently known or available, the Project's role in supporting the statewide goal would be speculative and cannot be wholly identified at this time.

Table 3-2 evaluates the Project's potential to conflict with the 2022 Scoping Plan, specifically the project attributes to reduce operational GHG emissions identified in Appendix D, Local Actions (CARB 2022c). Per the Scoping Plan, empirical evidence shows that development projects that are consistent with these attributes to reduce GHG emissions will accommodate growth in a manner that aligns with the GHG and equity goals of SB 32. Additionally, consistency with the Plan project attributes will ensure that projects are: 1) addressing the largest sources of their operational emissions, 2) are in alignment with the priority areas defined for Local Climate Action and are in alignment with the state's climate goals.

Table 3-2. Project Potential to Conflict with 2022 Scoping Plan Climate Change Policies and Measures

Plan Project Attributes	Potential to Conflict Without Mitigation	Potential to Conflict With Mitigation
Transportation Electrification		
Provide EV charging infrastructure at least in accordance with CALGreen Tier 2 standards[a]	*No conflict.* The Project would meet the EV charging infrastructure standards required by the most recent CALGreen standards.	*No mitigation required.*
VMT Reduction		
Is located on infill sites that are surrounded by existing urban uses and reuses or redevelop previously undeveloped or underutilized land presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer)[b]	*No conflict.* The Project site is bordered by the Santa Clara River to the north (and further north—SR-14), existing single-family development to the west, Sand Canyon County Club to the south, and undeveloped land to the east. The Project would develop this underutilized land to provide needed housing for seniors while preserving open space and connecting the residents to the surrounding community and natural lands. The Project would be served through new connections to existing utilities in the public right-of-way. The Project would require internal construction of roads for local access, customary extension of water services and facilities, and construction of new sewer lines and stormwater and drainage infrastructure, consistent with existing sewer and stormwater/drainage infrastructure in the area.	*No mitigation required.*
Do not result in the loss or conversion of the State's natural and working lands	*No conflict.* The Santa Clarita General Plan's land use and zoning designations for the project site is Urban Residential 1 (UR1) (2.0 dwelling units/acre [du/ac])	*No mitigation required.*

Table 3-2. Project Potential to Conflict with 2022 Scoping Plan Climate Change Policies and Measures

Plan Project Attributes	Potential to Conflict Without Mitigation	Potential to Conflict With Mitigation
	and Non-Urban 5 (NU5) (1.0 du/ac), as shown on Figure 3, Land Use and Zoning Designations. Accordingly, the Project site has been envisioned for development. The Project would preserve approximately 55% of the Project Site as open space that will feature both active and passive recreational amenities.	
Consists of transit-supportive densities (minimum of 20 residential dwelling units/acre[c]), *or* In in proximity to existing transit (within ½ mile),[d] *or* Satisfies more detailed and stringent criteria specified in the region's Sustainable Communities Strategy (SCS)	***No conflict.*** This attribute accounts for the VMT reduction achieved by a project that is designed with a higher density of dwelling units compared to the average residential density in the U.S. Increased densities affect the distance people travel and provide greater options for the mode of travel they choose. Increasing residential density results in shorter and fewer trips by single-occupancy vehicles and thus a reduction in GHG emissions of up to 30% from project VMT in the study area (CAPCOA 2021). The Project site is located within a ½ mile of Santa Clarita Transit stop at Soledad Canyon and Sand Canyon Road (Gibson Transportation Consulting Inc., 2025) The Project would develop 341 homes on approximately 58.7-acre site, which produces a density of approximately 6 dwelling units per acre. While this would not meet the density criteria, however, the Project would develop a senior community that generates 36% fewer trips than traditional single-family homes resulting in 49% lower home-based VMT and a less than significant VMT impact (Gibson Transportation Consulting Inc., 2025) as such, the Project would achieve an equivalent or greater GHG emissions reduction compared to transit supportive densities.	***No mitigation required.***
Reduce parking requirements by: ▪ Eliminating parking requirements or including maximum	***No conflict.*** This attribute unbundles, or separates, a residential project's parking costs from property costs, requiring those who wish to purchase parking spaces to do so at an additional cost. The assumption of this attribute is that parking costs are passed through to the	***No mitigation required.***

Table 3-2. Project Potential to Conflict with 2022 Scoping Plan Climate Change Policies and Measures

Plan Project Attributes	Potential to Conflict Without Mitigation	Potential to Conflict With Mitigation
allowable parking ratios. ▪ Providing residential parking supply at a ratio of <1 parking space per unit. ▪ Unbundling residential parking costs from costs to rent or lease.	vehicle owners/drivers utilizing the parking spaces, thus, this measure results in decreased vehicle ownership and, therefore, a reduction in VMT and GHG emissions. The intent of this measure is incentive increased use of public transit and thus result in less emissions. This measure can achieve up to 15.7% reduction in emissions from project VMT in the study area (CAPCOA 2021). The Project provides residential parking in accordance with City standards.	
At least 20% of the units are affordable to lower-income residents [e,f]	*No conflict.* Affordable housing provides greater opportunity for lower income families to live closer to job centers and achieve a jobs/housing match near transit. It is also an important strategy to address the limited availability of affordable housing that might force residents to live far away from jobs or school, requiring longer commutes. The affordable housing designation is intended to reduce VMT through living more compactly in location-efficient areas. Per CAPCOA, Measure T-4, permanently-dedicated below market rate housing for low-income families may achieve an up to a 28.6% reduction in GHG emissions when compared to market rate units, depending on the percent of units that are designated affordable and the percent VMT reduction anticipated based on daily vehicle trip rates (CAPCOA 2021).c For example, a project with 10% affordable units would result in a VMT reduction of 2.86%. However, CAPCOA's reduction calculation is based on the daily trip differences between low-rise multifamily residential (6.74 daily trips) and affordable housing (4.81 daily trips) in the ITE Trip Generation Manual, 11th Edition. As a senior community, the Project would have a 54% reduction in	*No mitigation required.*

Table 3-2. Project Potential to Conflict with 2022 Scoping Plan Climate Change Policies and Measures

Plan Project Attributes	Potential to Conflict Without Mitigation	Potential to Conflict With Mitigation
	trip generation compared to single-family housing, resulting in 4.31 daily trips per unit, which is less than the affordable housing 4.81 daily trips per unit. Although the Project does not include any designated affordable housing it would serve to reduce VMT in an equivalent or greater manner.	
Result in no net loss of existing affordable units	***No conflict.*** The Project site does not contain any existing residences, thus it would not displace any existing housing or people, or necessitate construction of replacement housing elsewhere.	***No mitigation required.***
Building Decarbonization		
Use all electric appliances, without any natural gas connections, and would not use propane or other fossil fuels for space heating, water heating, or indoor cooking [g,h]	***Potential conflict.*** The 2022 Scoping Plan prioritizes building decarbonization, which explicitly aims to eliminate fossil fuel combustion in buildings. The Scoping Plan outlines a path to achieve carbon neutrality by 2045 that emphasizes strategies such as building electrification, energy efficiency, and the use of low or zero-carbon electricity. Appendix F of the Scoping Plan highlights that combustion of natural gas in buildings for heating, cooking, and other uses, contributes significantly to greenhouse gas emissions and indoor air pollution. The inclusion of natural gas infrastructure in new residential developments would directly contradict the Scoping Plan's goals and undermine California's broader climate and health objectives.	***No conflict.*** The proposed Project has incorporated MM-GHG-1, which prohibits the use of wood burning devices and wood stoves in the development and MM-GHG-2 which would require an all-electric development. Together these measures would align the Project with the Scoping Plan's building decarbonization goals.

Source: CARB 2022b.
Notes: MMT CO_2e = million metric tons of carbon dioxide equivalent.
[a] Cal. Code of Regs., tit. 24, Part 11.
[b.] California Government Code Section 65041.1.
[c] Federal Transit Administration. 2014.
[d] Washington Department of Transportation. 2013.
[e] Newmark and Haas 2015.
[f] California Housing Partnership Corporation and TransForm 2014.
[g] Energy and Environmental Economics. 2019.
[h] Energy and Environmental Economics. 2021.

As shown in Table 3-2, the Project would not conflict with most project attributes that reduce GHG emissions identified by the 2022 Scoping Plan for residential/mixed-use projects. According to the Scoping Plan, these

attributes are a guide to determine residential/mixed-use projects that are *clearly* consistent with the state's climate strategy for CEQA purposes and are not necessarily required. However, Lead Agencies may determine with adequate supporting evidence, that projects that incorporate some, but not all the key project attributes are consistent with the State's climate goals. The proposed Project incorporates many of the recommended attributes, but not to the level specified for affordable housing and density. However, the Project would generate fewer vehicle trips and VMT compared to higher density and affordable housing, as such potential GHG emission reductions are comparable to the other attributes. The Project redevelops an underutilized site to bring increased housing that accommodates growth in a manner that reduces VMT, preserves open space, and provides pedestrian access. The Project would not preclude the installation of natural gas infrastructure for heating and cooking and would conflict with the State Scoping Plan's building decarbonization goals. As such, the City finds that the Project would conflict with the State's climate goals and would result in a **potentially significant impact** relative to GHG emissions and reduction plans.

Project's Potential to Conflict with SCAG 2024 Connect SoCal

At the regional level, the 2024 Connect SoCal serves as the RTP/SCS and has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the Southern California region. Connect SoCal 2024 outlines several goals related to EV charging and reducing VMT per capita. The Plan emphasizes increasing the availability of EV charging stations across Southern California to support the growing number of electric vehicles and integrating EV charging infrastructure into new developments and existing urban areas to ensure accessibility and convenience for EV users. According to the Connect SoCal 2024 report, there are currently approximately 27,000 Level 2 and 2,600 direct current fast-charging chargers in the SoCal region. However, financial, supply and infrastructure barriers are keeping many people in the region from transitioning to clean transportation. In California, the current CalGreen Code 2022 requires single-family homes requires single family homes to generally have at least one parking space prepared for future EV charging, often referred to as "EV-Capable" or "EV-Ready". This usually involves installing conduit and electrical panel space to accommodate a future Level 2 charging station. The Project would comply with the current CalGreen code at the time building permits are issued to provide the required EV charging infrastructure.

Connect SoCal 2024 also has a goal of reducing VMT per capita through alternative transportation, smart growth strategies, and technological innovations. The Project site is located within a ½ mile of Santa Clarita Transit stop at Soledad Canyon and Sand Canyon Road (Gibson Transportation Consulting Inc., 2025). The Project would develop a senior community that generates 36% fewer trips than traditional single-family homes resulting in 49% lower home-based VMT and a less than significant VMT impact (Gibson Transportation Consulting Inc., 2025) as such, the Project would achieve VMT reductions consistent with Connect SoCal goals.

The 2024 Connect SoCal goals were used to determine consistency with the regional planning efforts to reduce GHG emissions. As shown in Table 3-3, the project would not conflict with the stated RTP/SCS goals. Further, compliance with applicable state standards would ensure consistency with state and regional GHG reduction planning efforts. Therefore, the project would not interfere with SCAG's ability to achieve the region's GHG reduction targets. A **less than significant** impact would occur in this regard, and no mitigation is required.

Table 3-3. Project Consistency with the Regional Transportation Plan/ Sustainable Communities Strategy – Connect SoCal 2024

SCAG Goals	Consistency Analysis
Mobility: Build and maintain an integrated multimodal transportation network	
Support investments that are well-maintained and operated, coordinated, resilient and result in improved safety, improved air quality and minimized greenhouse gas emissions.	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would construct new senior housing within an existing community with the appropriate zoning.
Ensure that reliable, accessible, affordable, and appealing travel options are readily available, while striving to enhance equity in the offerings in high-need communities.	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would not impede these efforts.
Support planning for people of all ages, abilities, and backgrounds	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would not impede these efforts. The Project would construct housing dedicated for seniors.
Communities: Develop, connect, and sustain livable and thriving communities.	
Create human-centered communities in urban, suburban, and rural settings to increase mobility options and reduce travel distances.	***No conflict.*** This action is not within the purview of the Project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would not impede these efforts.
Produce and preserve diverse housing types in an effort to improve affordability, accessibility and opportunities for all households.	***No conflict.*** The Project would produce housing dedicated to the senior community.
Environment: Create a healthy region for the people of today and tomorrow	
Develop communities that are resilient and can mitigate, adapt to, and respond to chronic and acute stresses and disruptions, such as climate change.	***No conflict.*** This action is not within the purview of the Project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would not impede these efforts. The Project would participate in these efforts through fire protection and fuel management aspects of the Project.
Integrate the region's development pattern and transportation network to improve air quality, reduce greenhouse gas emissions and enable more sustainable use of energy and water.	***No conflict.*** This action is not within the purview of the Project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The Project would not impede these efforts. Notably, the Project is being constructed on land that is appropriately zoned for residential uses and is located near existing transportation corridors which would facilitate integration into the region's development pattern.
Conserve the region's resources.	***No conflict.*** The Project site is located on land designated for urban development but would preserve over 55% of the acreage as open space that would be reserved for passive and active recreation.

Table 3-3. Project Consistency with the Regional Transportation Plan/ Sustainable Communities Strategy – Connect SoCal 2024

SCAG Goals	Consistency Analysis
Economy: Support a sustainable, efficient, and productive regional economic environment that provides opportunities for all people in the region.	
Improve access to jobs and educational resources.	***No conflict.*** Development of the Project would provide construction job opportunities within the City.
Advance a resilient and efficient goods movement system that supports the economic vitality of the region, attainment of clean air and quality of life for our communities.	***No conflict.*** The Project would develop residential uses on land designated for residential development. The Project would not impede these efforts.

Source: Southern California Association of Governments, Connect SoCal, 2024.

Potential to Conflict with City of Santa Clarita General Plan

The City's General Plan Goal CO 8 includes the goal to focus on development designed to improve energy efficiency, reduce energy, and natural resource consumption to reduce greenhouse gases. Table 3-4 below evaluates the Project's conflict with the City's General Plan policies for reducing greenhouse gases. As shown below the Project would not conflict with applicable policies.

Table 3-4. Project Potential to Conflict with Applicable Greenhouse Gas Policies of the General Plan

Goal/Objective/Policy	Potential to Conflict
Goal CO 8: Development designed to improve energy efficiency, reduce energy and natural resource consumption, and reduce emissions of greenhouse gases.	**No conflict.** The Project would be designed to new Title 24 standard, which incorporate energy efficiency and renewable energy production/readiness. Further, the MM GHG-2 would require an all-electric development which as the electric grid becomes less carbonized would lead to reduced natural resource consumption and GHG emissions.
Objective CO 8.1: Comply with the requirements of State law, including AB 32, SB 375 and implementing regulations, to reach targeted reductions of greenhouse gas (GHG) emissions.	**No conflict.** As shown in Tables 3-3 and 3-4, the Project would be consistent with State and local regulations implemented to reduce GHG emissions.
Objective CO 8.3: Encourage the following green building and sustainable development practices on private development projects, to the extent reasonable and feasible.	**Not applicable.** This is a City measure, however, the Project would be designed and built to be energy efficient and consistent with current Green Building Standards.
Policy CO 8.3.2: Promote construction of energy efficient buildings through requirements for LEED certification or through comparable alternative requirements as adopted by local ordinance.	***No conflict.*** The Project would be built to meet the state's Green Building Standards at the time of development in accordance with Section 25.01.010 of the City's building code.
Policy CO 8.3.4: Encourage new residential development to include on-site solar photovoltaic systems, or pre-wiring, in at least 50% of the residential units, in concert with other significant energy	***No conflict.*** The residential component of the Project would install solar photovoltaic systems on all single-family senior housing as required by Title 24. This would exceed the City's measure.

conservation efforts.	
Policy CO 8.3.5: Encourage on-site solar generation of electricity in new retail and office commercial buildings and associated parking lots, carports, and garages, in concert with other significant energy conservation efforts.	***Not applicable.*** This is a City measure. The Project does not include new retail or commercial buildings.
Policy CO 8.3.6: Require new development to use passive solar heating and cooling techniques in building design and construction, which may include but are not limited to building orientation, clerestory windows, skylights, placement and type of windows, overhangs to shade doors and windows, and use of light-colored roofs, shade trees, and paving materials.	***No conflict.*** The exact sustainable features to be incorporated into the Project are still being refined, however, many of the features listed in the CAP are typical of standard development. These features make developments more marketable to future residents. The final Project design would be consistent with the City's policy.
Policy CO 8.3.7: Encourage the use of trees and landscaping to reduce heating and cooling energy loads, through shading of buildings and parking lots.	***No conflict.*** The Project would include trees and landscaping that would provide shade to reduce heating and cooling energy loads.
Policy CO 8.3.8: Encourage energy-conserving heating and cooling systems and appliances, and energy-efficiency in windows and insulation, in all new construction.	***No conflict.*** The Project would include energy efficient appliances, high-efficiency lighting, and solar panels. The project will be built to meet the City's Green Building Standards at the time of development.
Policy CO 8.3.9: Limit excessive lighting levels and encourage a reduction of lighting when businesses are closed to a level required for security.	***No conflict.*** The Project would include high-efficiency lighting and outdoor lighting would be used minimally to illuminate the Project site for safety and security.

Source: City of Santa Clarita 2011

Quantification of GHG Emissions

Construction Emissions

Construction of the Project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles.

CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 3.3.2.1, Construction. Construction of the Project is anticipated to commence in September 2026 and would last approximately 4.5 years, ending in March 2031 Table 3-5 presents unmitigated construction emissions for the Project in 2025 through 2036.

Table 3-5. Estimated Annual Construction Greenhouse Gas Emissions – Unmitigated[1]

Year	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
2027	724.05	0.03	0.01	0.04	726.96
2028	1,621.50	0.06	0.02	0.09	1,628.25
2029	671.46	0.02	0.02	0.26	677.72
2030	756.78	0.03	0.02	0.28	764.00
2031	506.89	0.02	0.02	0.21	512.41
2032	70.05	0.00	0.00	0.03	70.82
				Total	**4,380.15**

Table 3-5. Estimated Annual Construction Greenhouse Gas Emissions – Unmitigated[1]

Year	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
				Amortized 30-Year Construction Emissions	*146.00*

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R = refrigerant; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01. The values shown are the annual emissions reflect CalEEMod "unmitigated" output.
Totals may not add due to rounding.
1. As disclosed in the air quality analysis, section 2.3.2, emissions were modeled using an earlier construction year; retaining these results represents a conservative estimate.
See Appendix A for complete results.

As shown in Table 3-5, the estimated total GHG emissions during construction would be approximately 4,380.15 MT CO_2e over the construction period without mitigation. Estimated Project-generated construction emissions amortized over 30 years would be approximately 146 MT CO_2e per year. As with Project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the Project would last only for the duration of the construction period.

Operational Emissions

Operation of the Project would generate GHG emissions through vehicle trips by residents and visitors to and from the Project site; landscape maintenance equipment operation; energy use (generation of electricity consumed by the Project); solid waste disposal; water supply, treatment, and distribution and wastewater treatment; and refrigerants. CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 3.3.2.2, Operation. The estimated operational Project-generated GHG emissions are shown in the tables below for each interim operational year. Table 3-6 presents estimated annual operational GHG emissions from Phase 1 in 2030.

Table 3-6. Estimated Annual Operational Greenhouse Gas Emissions – Phase 1 – 2030[1]

Emission Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
Mobile	718.12	0.03	0.03	0.80	728.15
Area	6.96	0.00	0.00	N/A	7.00
Energy	202.45	0.02	0.00	N/A	203.63
Water	12.67	0.16	0.00	N/A	17.89
Waste	33.36	3.33	0.00	N/A	116.71
Refrigerant	N/A	N/A	N/A	0.66	0.66
Total	**973.56**	**3.55**	**0.03**	**1.46**	**1,074.03**
				Amortized 30-Year Construction Emissions	*146*
				Project Operation + Amortized Construction Total	**1,220.03**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01; N/A = not applicable.
Columns may not add due to rounding.
1. As disclosed in the air quality analysis, section 2.3.2, emissions were modeled using an earlier operational year; retaining these results represents a conservative estimate.
See Appendix A for complete results.

Table 3-7 presents estimated annual operational GHG emissions from Phases 1 and 2 in 2031.

Table 3-7. Estimated Annual Operational Greenhouse Gas Emissions – Phases 1-2 – 2031[1]

Emission Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
Mobile	1,412.62	0.06	0.06	1.41	1,432.00
Area	11.38	0.00	0.00	N/A	11.45
Energy	152.51	0.02	0.00	N/A	153.69
Water	19.09	0.30	0.01	N/A	28.80
Waste	60.90	6.09	0.00	N/A	213.05
Refrigerant	N/A	N/A	N/A	1.31	1.31
Total	**1,656.50**	**6.47**	**0.07**	**2.72**	**1,840.30**
				Amortized 30-Year Construction Emissions	*146*
				Project Operation + Amortized Construction Total	**1,986.30**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01; N/A = not applicable.
Columns may not add due to rounding.
1. As disclosed in the air quality analysis, section 2.3.2, emissions were modeled using an earlier operational year; retaining these results represents a conservative estimate.
See Appendix A for complete results.

Table 3-8 presents estimated annual operational GHG emissions from buildout.

Table 3-8. Estimated Annual Operational Greenhouse Gas Emissions – Buildout[1]

Emission Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
Mobile	2,051.73	0.08	0.08	1.62	2,078.99
Area	16.94	<0.01	<0.01	NA	17.05
Energy	415.48	0.05	0.01	NA	418.69
Water	28.21	0.44	0.01	NA	42.38
Waste	88.11	8.81	0.00	NA	308.26
Refrigerant	NA	NA	NA	1.96	1.96
Total	**2,600.47**	**9.38**	**0.10**	**3.57**	**2,867.32**
				Amortized 30-Year Construction Emissions	*146*
				Project Operation + Amortized Construction Total	**3,013.32**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01; NA = not applicable.
Columns may not add due to rounding.
1. As disclosed in the air quality analysis, section 2.3.2, emissions were modeled using an earlier operational year; retaining these results represents a conservative estimate.
See Appendix A for complete results.

No significance conclusion is relevant as the Project-generated GHG emission calculations are presented for informational purposes only. The Project's potential to result in significant GHG impact was evaluated using the potential to conflict with the CARB Scoping Plan, Connect SoCal 2024, and the City's General Plan

Level of Significance Before Mitigation

The Project would result in a **potentially significant impact** relative to GHG reduction plans because it would conflict with the State Scoping Plan's building decarbonization goals. The Project would result in a **less than significant** impacts relative to the 2024 Connect SoCal Plan and the City's General Plan.

Mitigation Measures

MM-GHG-1 No Wood-Burning Fireplaces or Stoves and No Natural Gas Fireplaces. The Project applicant or designee shall install only electric fireplaces in residential units. Project residential units are prohibited from having wood-burning or natural gas fireplaces or wood-burning stoves.

MM-GHG-2 Require All-Electric Development. All Project-related residential and non-residential development shall use all-electric appliances and end uses (including heating, ventilation, and air conditioning; water heating; and induction cooking). Swimming pool and spa equipment and water heating shall also use electricity or solar instead of natural gas. (This MM is consistent with Appendix D, Table 3, of the 2022 CARB Scoping Plan Update, which recommends all-electric appliance uses without any natural gas connections or any propane or other fossil fuels for space heating, water heating, or indoor cooking.)

Level of Significance After Mitigation

As discussed above, the 2022 Scoping Plan, the SCAG 2020-2045 RTP/SCS, and the City's General Plan were determined to be the applicable GHG reduction plans to evaluate the Project's.

With the incorporation of MM-GHG-1 and MM-GHG-2, the Project would not conflict with the 2022 Scoping Plan and the State's building decarbonization goals and would not conflict with the State climate goals, the impact would be **less than significant with mitigation incorporated**.

The Project would develop a senior housing community that would be designed to be all-electric, would generate less vehicle trips and thus less VMT compared to traditional single-family housing, higher density housing, and affordable housing; would include the provision of solar, and would serve to preserve over 55% of the Project site as open space.

The Project would result in a **less than significant impact** relative to the 2024 Connect SoCal Plan and the City's General Plan.

4 Energy

4.1 Environmental Setting

4.1.1 Electricity

According to the U.S. Energy Information Administration (EIA), California used approximately 247,249,865 megawatt-hours of electricity in 2021 (EIA 2022). Electricity usage in California for different land uses varies substantially by the types of uses in a building, type of construction materials used in a building, and the efficiency of all electricity-consuming devices within a building. Due to the state's energy efficiency building standards and efficiency and conservation programs, California's electricity use per capita in the residential sector is lower than any other state except Hawai'i (EIA 2023a).

SCE is one of the largest electric utilities in the United States, serving approximately 15 million people through 5 million customer accounts. As a subsidiary of Edison International, SCE operates within a vast service territory spanning 50,000 square miles across central, coastal, and Southern California, excluding the City of Los Angeles and some other cities1. Their service area includes portions of 15 counties and more than 180 incorporated cities1. SCE is committed to delivering reliable, clean, and affordable electricity, with a strong focus on sustainability and supporting California's goal of achieving net-zero greenhouse gas emissions by 2045. SCE would provide electricity to the Project. According to the 2022 SCE Power Content Label, solar energy accounts for 17% of SCE's overall energy resources (SCE 2023). SCE reported an annual electrical consumption of approximately 107,876 million kWh in 2022, with the majority going to residential (39,400 million kWh) and commercial uses (42,241 million kWh) (CEC 2024).

4.1.2 Natural Gas

According to the EIA, California used approximately 2,056,267 million cubic feet of natural gas in 2022 (EIA 2023b). The majority of California's natural gas customers are residential and small commercial customers (core customers). These customers account for approximately 35% of the natural gas delivered by California utilities (CPUC 2021). Large consumers, such as electric generators and industrial customers (noncore customers), account for approximately 65% of the natural gas delivered by California utilities (CPUC 2021). CPUC regulates California natural gas rates and natural gas services, including in-state transportation over transmission and distribution pipeline systems, storage, procurement, metering, and billing. Most of the natural gas used in California comes from out-of-state natural gas basins. California gas utilities may soon also begin receiving biogas into their pipeline systems (CPUC 2022).

The Southern California Gas Company (SoCalGas) provides Los Angeles County (including the City of Santa Clarita) with natural gas service. SoCalGas's service territory encompasses approximately 20,000 square miles and more than 500 communities. In the California Energy Demand mid-energy demand scenario, natural gas demand is projected to have an annual growth rate of 0.03% in SoCalGas's service territory.

4.1.3 Petroleum

According to the EIA, California used approximately 605 million barrels of petroleum in 2021, with the majority (511 million barrels) used for the transportation sector (EIA 2023c). There are 42 U.S. gallons in a barrel, so this equates to a total daily use of approximately 14.4 million barrels of petroleum among all sectors and 12.2 million gallons for the transportation sector. In California, petroleum fuels refined from crude oil are the dominant source of energy for transportation sources. Petroleum usage in California includes petroleum products such as motor gasoline, distillate fuel, liquefied petroleum gases, and jet fuel. California has implemented policies to improve vehicle efficiency and to support use of alternative transportation, which are described in Section 3.2.2.

4.2 Regulatory Setting

4.2.1 Federal Regulations

Federal Energy Policy and Conservation Act

In 1975, Congress enacted the Federal Energy Policy and Conservation Act, which established the first fuel economy standards for on-road motor vehicles in the United States. Pursuant to the act, the NHTSA is responsible for establishing additional vehicle standards. In 2012, new fuel economy standards for passenger cars and light trucks were approved for model years 2017 through 2021 (77 FR 62624–63200). Fuel economy is determined based on each manufacturer's average fuel economy for the fleet of vehicles available for sale in the United States.

Energy Policy Act of 2005

In January 2005 the Energy Policy Act was signed into law. It addresses energy production in the United States, including energy efficiency, renewable energy, oil and gas, coal, Tribal energy, nuclear matters and security, vehicles and motor fuels, including ethanol, hydrogen, electricity, energy tax incentives, hydropower and geothermal energy, and climate change technology. The Energy Policy Act provides loan guarantees for entities that develop or use innovative technologies that avoid the by-production of GHGs. Another provision of the Energy Policy Act is the Renewable Fuel Standard (RFS), which increases the amount of biofuel that must be mixed with gasoline sold in the United States.

Energy Independence and Security Act of 2007

On December 19, 2007, the Energy Independence and Security Act of 2007 (EISA) was signed into law (EPA 2007). In addition to setting increased corporate average fuel economy standards for motor vehicles, the EISA includes the following other provisions related to energy efficiency:

- RFS (Section 202)
- Appliance and lighting efficiency standards (Sections 301–325)
- Building energy efficiency (Sections 411–441)

This federal legislation (the RFS) requires ever-increasing levels of renewable fuels to replace petroleum (EPA 2022). The EPA is responsible for developing and implementing regulations to ensure that transportation fuel sold in the

United States contains a minimum volume of renewable fuel. RFS program regulations were developed in collaboration with refiners, renewable fuel producers, and many other stakeholders.

The RFS program was created under the Energy Policy Act of 2005 and established the first renewable fuel volume mandate in the United States. As required under the act, the original RFS program (RFS1) required 7.5 billion gallons of renewable fuel to be blended into gasoline by 2012. Under the EISA, the RFS program was expanded in several key ways that laid the foundation for achieving significant reductions of GHG emissions through the use of renewable fuels, for reducing imported petroleum, and for encouraging the development and expansion of our nation's renewable fuels sector. The updated program ("RFS2") includes the following:

- EISA expanded the RFS program to include diesel, in addition to gasoline.
- EISA increased the volume of renewable fuel required to be blended into transportation fuel from 9 billion gallons in 2008 to 36 billion gallons by 2022.
- EISA established new categories of renewable fuel and set separate volume requirements for each one.
- EISA required the EPA to apply lifecycle GHG performance threshold standards to ensure that each category of renewable fuel emits fewer GHGs than the petroleum fuel it replaces.

Additional provisions of the EISA address energy savings in government and public institutions, promoting research for alternative energy, additional research in carbon capture, international energy programs, and the creation of "green jobs."

Transportation Equity Act for the 21st Century

The Transportation Equity Act for the 21st Century was signed into law in 1998 and builds on the initiatives established in the ISTEA legislation. The Transportation Equity Act authorizes highway, highway safety, transit, and other efficient surface transportation programs. The act continues the program structure established for highways and transit under ISTEA, such as flexibility in the use of funds, emphasis on measures to improve the environment, and focus on a strong planning process as the foundation of transportation decisions. The Transportation Equity Act also provides for investment in research and its application to maximize the performance of the transportation system through, for example, deployment of intelligent transportation systems to help improve operations and management of transportation systems and vehicle safety.

Infrastructure Investment and Jobs Act

The Infrastructure Investment and Jobs Act (Infrastructure Deal) was signed into law November 15, 2021. The legislation includes $39 billion of new investment to modernize transit, in addition to continuing the existing transit programs for five years as part of surface transportation reauthorization. The Infrastructure Deal would also invest $7.5 billion to build out a national network of EV chargers. The Infrastructure Deal would provide funding for deployment of EV chargers along highway corridors to facilitate long-distance travel and within communities to provide convenient charging where people live, work, and shop to support a goal of building a nationwide network of 500,000 EV chargers. This would accelerate the adoption of eVs, which would help reduce emissions and improve air quality. In addition, the Infrastructure Deal would include more than $65 billion of investments in clean energy transmission including upgrading existing power infrastructure through expanding transmission lines to facilitate the expansion of renewables and clean energy.

The Inflation Reduction Act of 2022

The Inflation Reduction Act was signed into law by President Biden in August 2022. The Act includes specific investment in energy and climate reform and is projected to reduce GHG emissions within the U.S. by 40% as compared to 2005 levels by 2030. The Act allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of EVs, and includes measures that will make homes more energy efficient.

4.2.2 State Regulations

Warren-Alquist Act

The California Legislature passed the Warren–Alquist Act in 1974, which created the CEC. The legislation also incorporated the following three key provisions designed to address the demand side of the energy equation:

- It directed CEC to formulate and adopt the nation's first energy conservation standards for both buildings constructed and appliances sold in California.
- The act removed the responsibility of electricity demand forecasting from the utilities, which had a financial interest in high-demand projections, and transferred it to a more impartial CEC.
- CEC was directed to embark on an ambitious research and development program, with a particular focus on fostering what were characterized as non-conventional energy sources.

State of California Energy Action Plan

CEC and CPUC approved the first State of California Energy Action Plan in 2003. The plan established shared goals and specific actions to ensure the provision of adequate, reliable, and reasonably priced electrical power and natural gas supplies; it also identified cost-effective and environmentally sound energy policies, strategies, and actions for California's consumers and taxpayers. In 2005, CEC and CPUC adopted a second Energy Action Plan to reflect various policy changes and actions of the prior 2 years.

At the beginning of 2008, CEC and CPUC determined that it was not necessary or productive to prepare a new energy action plan. This determination was based, in part, on a finding that the state's energy policies have been significantly influenced by the passage of AB 32, the California Global Warming Solutions Act of 2006 (discussed below). Rather than produce a new energy action plan, CEC and CPUC prepared an "update" that examines the state's ongoing actions in the context of global climate change.

AB 1007

AB 1007 (2005) required CEC to prepare a statewide plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). CEC prepared the plan in partnership with CARB and in consultation with other state agencies, plus federal and local agencies. The State Alternative Fuels Plan assessed various alternative fuels and developed fuel portfolios to meet California's goals to reduce petroleum consumption, increase alternative fuels use, reduce GHG emissions, and increase in-state production of biofuels without causing a significant degradation of public health and environmental quality.

Other Applicable Regulations

Other applicable regulations include the following, which are discussed in Section 3.2.3, State Regulations:

- California Building Standards (Title 24, CALGreen)
- AB 32, SB 32, AB 1279 (the state's GHG emission reduction planning framework creates co-benefits for energy-related resources)
- SB 1078, SB 107, SB 350, SB 100 (Renewable Energy Sources)
- SB 1368
- AB 1493 and EO B-16-12
- EO S-1-07
- SB 375
- Advanced Clean Cars Program
- Advanced Clean Trucks Program
- Truck and Bus Regulation, On-Road Heavy-Duty Diesel Vehicles (In-use) Regulation

4.2.3 Local Regulations

City of Santa Clarita General Plan

The City of Santa Clarita adopted its General Plan in 2011. The City's General Plan includes various policies related to energy conservation in the Conservation and Open Space Element. Applicable goals and policies include the following:

Conservation and Open Space Element

Goal CO Development designed to improve energy efficiency, reduce energy and natural resource consumption, and reduce emissions of greenhouse gases.

Policy CO 8.1.3 Revise codes and ordinances as needed to address energy conservation, including but not limited to the following:

a. Strengthen building codes for new construction and renovation to achieve a higher level of energy efficiency, with a goal of exceeding energy efficiency beyond that required by Title 24;

b. Adopt a Green Building Program to encourage green building practices and materials, along with appropriate ordinances and incentives;

c. Require orientation of buildings to maximize passive solar heating during cool seasons, avoid solar heat gain during hot periods, enhance natural ventilation, promote

effective use of daylight, and optimize opportunities for on-site solar generation;

d. Encourage mitigation of the "heat island" effect through use of cool roofs, light-colored paving, and shading to reduce energy consumption for air conditioning.

Policy CO 8.1.4 Provide information and education to the public about energy conservation and local strategies to address climate change.

Objective CO 8.3 Encourage the following green building and sustainable development practices on private development projects, to the extent reasonable and feasible.

Policy CO 8.3.1 Evaluate site plans proposed for new development based on energy efficiency pursuant to LEED (Leadership in Energy and Environmental Design) standards for New Construction and Neighborhood Development, including the following: a) location efficiency; b) environmental preservation; c) compact, complete, and connected neighborhoods; and d) resource efficiency, including use of recycled materials and water.

Policy CO 8.3.2 Promote construction of energy efficient buildings through requirements for LEED certification or through comparable alternative requirements as adopted by local ordinance.

Policy CO 8.3.3 Promote energy efficiency and water conservation upgrades to existing non-residential buildings at the time of major remodel or additions. Policy CO 8.3.4: Encourage new residential development to include on-site solar photovoltaic systems, or pre-wiring, in at least 50% of the residential units, in concert with other significant energy conservation efforts.

Policy CO 8.3.6 Require new development to use passive solar heating and cooling techniques in building design and construction, which may include but are not be limited to building orientation, clerestory windows, skylights, placement and type of windows, overhangs to shade doors and windows, and use of light colored roofs, shade trees, and paving materials.

Policy CO 8.3.7 Encourage the use of trees and landscaping to reduce heating and cooling energy loads, through shading of buildings and parking lots.

Policy CO 8.3.8	Encourage energy-conserving heating and cooling systems and appliances, and energy-efficiency in windows and insulation, in all new construction.
Policy CO 8.3.9	Limit excessive lighting levels, and encourage a reduction of lighting when businesses are closed to a level required for security.
Policy CO 8.3.10	Provide incentives and technical assistance for installation of energy-efficient improvements in existing and new buildings.

4.3 Significance Criteria and Methodology

4.3.1 Thresholds of Significance

The significance criteria used to evaluate the Project impacts to energy are based on Appendix G of the CEQA Guidelines. According to CEQA Guidelines Appendix G, a significant impact related to energy would occur if the Project would:

1. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation
2. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency

4.3.2 Approach and Methodology

4.3.2.1 Construction Energy

Construction of the Project would result in energy consumption primarily associated with use of off-road construction equipment, on-site hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.3.2.1 are also applicable for the estimation of construction-related energy consumption. As such, see Section 2.3.2.1 for a discussion of construction calculation methodology and assumptions used in the energy analysis. In addition, the following methodology was used to estimate construction electricity and petroleum consumption.

Electricity

Electricity is not expected to be consumed in large quantities during Project construction, as construction equipment and vehicles are generally not electric but rather diesel- or gas-powered. Although electrical services will be established to serve construction, the amount of electricity that will be used is likely to be small. Temporary electric power for as-necessary lighting and electronic equipment, such as computers inside temporary construction trailers, would be provided by SCE.

Natural Gas

Natural gas is not anticipated to be required during construction of the Project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed below under the "petroleum" subsection.

Petroleum

Potential Project construction petroleum consumption was assessed through projected vehicle trip generation and offroad equipment used as provided by the CalEEMod and CARB EMFAC2021 outputs in the criteria air pollutant and GHG emissions calculations (Appendix A). Fuel consumption from construction equipment was estimated by converting the total CO_2 emissions from each construction phase to gallons using conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton of CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per metric ton of CO_2 per gallon (The Climate Registry 2023). Heavy-duty construction equipment associated with construction activities and vendor trucks were assumed to use diesel fuel. It was assumed that construction workers would travel to and from the Project site in gasoline-powered vehicles. Fuel consumption from worker and vendor trips was estimated by converting the total CO_2 emissions from the construction phase to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel.

4.3.2.2 Operational Energy

Energy consumption related to Project operation would include electricity use for building operations, water demand, wastewater treatment and petroleum consumption from Project vehicle travel. Build-out of the Project was assumed to be 2032. Potential Project operational energy consumption is based on the operational GHG emission calculations found in Appendix A, CalEEMod files.

Electricity

The Project's operational phase would require electricity for multiple purposes, including, but not limited to, building heating and cooling, lighting, and appliances, including refrigeration, electronics, equipment, and machinery. Electricity would also be consumed during operation of the Project related to water usage, solid waste disposal, and EV trips. CalEEMod was used to analyze electrical usage during operation.

Pursuant to MM GHG-2, the Project would be designed to be all-electric and no natural gas usage was assumed. To account for the additional electricity that would be consumed instead of natural gas, the default natural gas usage from CalEEMod for the land use type was converted to kilowatt hours.

Natural Gas

Project natural gas consumption is based on the estimated total annual building load summaries from CalEEMod. Notably, because MM GHG-2 requires the Project to be all electric, no natural gas usage was assumed for the Project.

Petroleum

Petroleum would be consumed by Project-generated vehicle trips. Such consumption is a function of total VMT and estimated vehicle fuel economies for the vehicles accessing the Project Site. Energy that would be consumed by Project-generated traffic is a function of total VMT and estimated vehicle fuel economies for the vehicles

accessing the Project site. The Project would generate an estimated 6,058,695 annual. Similar to construction worker and vendor trips, fuel consumption was estimated by converting the total CO_2 emissions from Project mobile sources to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel. Based on the annual fleet mix provided in CalEEMod, for build-out of the Project.

4.4 Impacts Analysis

4.4.1 Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?

The Project's consumption of energy resources during construction and operation are evaluated in detail below.

Construction

Electricity

Temporary electric power for as-necessary lighting and electronic equipment, such as computers inside temporary construction trailers, would be provided by SCE. The electricity used for such activities would be temporary, would be substantially less than that required for Project operation, would have a negligible contribution to the Project's overall energy consumption, and would not be wasteful, inefficient, or unnecessary. Impacts would be less than significant.

Natural Gas

Natural gas is not anticipated to be required during construction of the Project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed under the subsection "Petroleum," below. Any minor amounts of natural gas that may be consumed as a result of Project construction would be temporary and negligible and would not have an adverse effect; therefore, impacts would be less than significant.

Petroleum

The estimated diesel fuel usage from construction equipment and vendor trucks and the estimated gasoline fuel usage from worker vehicles is shown in Table 4-1. See Appendix E, Energy Calculations, for details.

Table 4-1. Total Project Construction Petroleum Demand – Unmitigated

Construction Phase	Off-Road Equipment (Diesel)	Haul Trucks (Diesel)	Vendor Trucks (Diesel)	On-Site Trucks (Diesel)	Worker Vehicles (Gasoline)
	Gallons				
2026	68,292	0	496	0	2,474
2027	151,827	0	1,588	0	6,279

Table 4-1. Total Project Construction Petroleum Demand – Unmitigated

Construction Phase	Off-Road Equipment (Diesel)	Haul Trucks (Diesel)	Vendor Trucks (Diesel)	On-Site Trucks (Diesel)	Worker Vehicles (Gasoline)
	Gallons				
2028	48,732	0	5,152	0	13,817
2029	46,521	0	7,411	0	20,683
2030	28,547	0	6,702	0	16,742
2031	4,137	0	803	0	2,234
Total	348,055	0	22,152	0	62,229

Source: Appendix E.

In summary, construction associated with the development of the Project is estimated to consume a total of approximately 432,436 gallons of petroleum.

Notably, the Project would be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate or that the fleet has met the Best Achievable Control Technology requirements. Overall, the Project would not be unusual as compared to overall local and regional demand for energy resources and would not involve characteristics that require equipment that would be less energy efficient than at comparable construction sites in the region or state.

Therefore, because petroleum use during construction would be temporary and would not be wasteful or inefficient, impacts would be less than significant.

Operation

Electricity

Project operation would require electricity for multiple purposes including, but not limited to, building heating, ventilation, and air conditioning; lighting; appliances; and electronics. Additionally, the supply, conveyance, treatment, and distribution of water would indirectly result in electricity usage. The Project's electricity usage was based on default CalEEMod values and supplemented with additional electricity usage as a result of MM GHG-2.

Table 4.2. Project Annual Operational Electricity Demand Summary at Build-Out (2032)

Electricity Demand	kWh/year
Without Mitigation	
Retirement Community	1,307,750.48
Health Club (Community Recreational Facility)	72,904.79
Total	**1,380,655.27**
With Mitigation	
Retirement Community	2,661,438.6
Health Club (Community Recreational Facility)	858,544.59
Total	**3,513,983**
Solar PV kWh per year	**1,206,186**
Remaining Electricity Use	**2,307,797**

Source: Appendix B.
Note: kWh = kilowatt-hour.

As shown in Table 4-2, the Project is anticipated to consume approximately 3,513,983 kWh of electricity per year. The Project would comply with current Title 24 standards that prescribe solar PV on single-family residences. While the exact size of the solar PV required per unit would be dependent on specifics such as conditioned floor area, a an estimated amount was calculated based on the CalEEMod estimated square footage of 926,248 square feet of buildings, which is all assumed to be conditioned floor area. solar roof area (See Appendix E). Solar PV is estimated to supply 1,206,186 kWh per year; this would potentially reduce electricity use to 2,307,797 kWh per year.

The Project proposes residential uses reflecting contemporary energy efficient/energy conserving designs and operational programs. The Project would be required to comply with the applicable Title 24 standards, which would further ensure that the Project's energy demands would not be inefficient, wasteful, or otherwise unnecessary, and impacts would be less than significant.

Natural Gas

As previously discussed under Section 4.3.2, Approach and Methodology, the Project would prohibit the installation of natural gas infrastructure per MM GHG-2. For these reasons, Project would have no impact on natural gas resources.

Petroleum

Petroleum fuel consumption associated with motor vehicles traveling to and from the Project site is a function of the VMT as a result of Project operation. Fuel demand estimates for the Project are provided in Tables 4-3.

Table 4-3. Total Project-Generated Transportation Annual Fuel Demand at Build-Out (2032)

Vehicle Type	Vehicle MT CO_2	kg/CO_2/Gallon	Estimated Annual Fuel Consumption (gallons)
Gasoline	1,613.32	8.78	183,749
Diesel	438,46	10.21	42,944
		Total	226,693

Source: Appendix E.
Notes: MT = metric ton; CO_2 = carbon dioxide; kg = kilogram.

As summarized in Tables 4-3, the Project at build-out in 2032 would result in an estimated annual fuel demand of 226,693 gallons of fuel. The fuel would be provided by current and future commercial vendors. The Project does not propose uses or operations that would inherently result in excessive and wasteful vehicle trips and VMT, nor associated with excess and wasteful vehicle energy consumption.

Enhanced fuel economies realized pursuant to federal and state regulatory actions, and related transition of vehicles to alternative energy sources (e.g., electricity, natural gas, biofuels, hydrogen cells) would likely decrease future gasoline fuel demands per VMT. Location of the Project proximate to regional and local roadway systems tends to reduce VMT within the region, acting to reduce regional vehicle energy demands. Project transportation energy consumption would not be considered inefficient, wasteful, or otherwise unnecessary and impacts would be less than significant.

Renewable Energy Potential

The Project does include solar power, which would be provided by solar PV panels installed on all residences as required by the current California Building Code.

Summary

As explained above, the Project would use renewable energy on site and would not result in wasteful, inefficient, or unnecessary consumption of energy resources, including electricity, natural gas, or petroleum, during Project construction or electricity and petroleum during operation. Impacts would be **less than significant**.

Level of Significance Before Mitigation

Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

4.4.2 Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

The project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR Part 6). Part 6 of Title 24 establishes energy efficiency standards for residential and nonresidential buildings constructed in California in order to reduce energy demand and consumption. As such, the project would comply with the California code requirements for energy efficiency.

Part 11 of Title 24 sets forth voluntary and mandatory energy measures that are applicable to the project under CALGreen. CALGreen institutes mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential, high-rise residential, state-owned buildings, schools, and hospitals, as well as certain residential and nonresidential additions and alterations. Additionally, energy consumed by the project's operation would be comparable to energy consumed by other residential uses of similar scale and intensity that are constructed and operating in California.

The Project would support energy-related strategies of the state including the 2022 CARB Scoping Plan by supporting all electric appliances goals in new residential buildings. California's RPS program outlines the pathway for the state's electricity grid to transition to renewable energy; however, statewide RPS requirements do not apply to individual development projects like the Project. Nonetheless, as SCE meets the RPS milestones, the Project would benefit from cleaner electricity provided by SCE.

On this basis, the Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. This impact would be **less than significant**.

Level of Significance Before Mitigation

Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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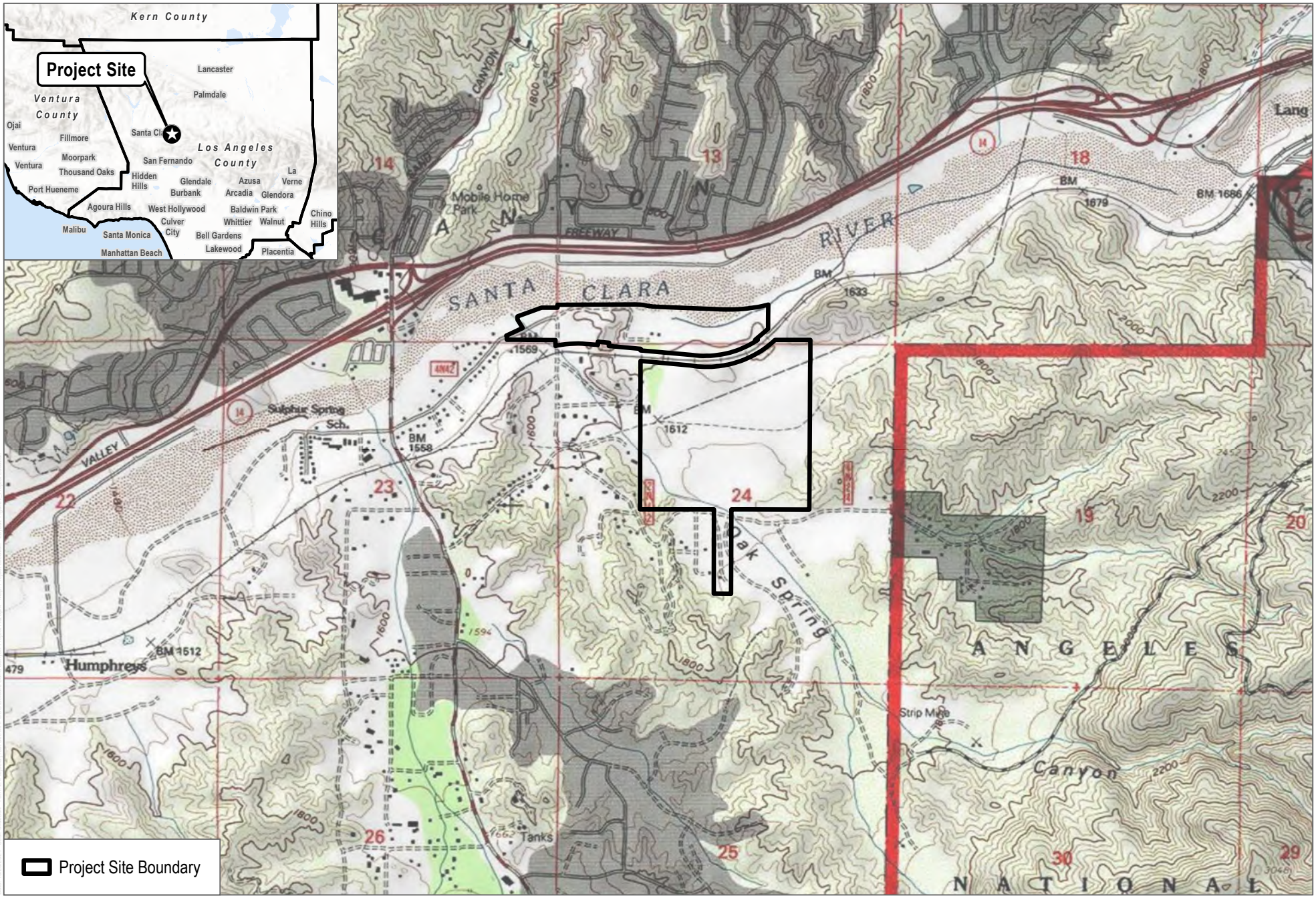
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SOURCE: USGS National Map 2024

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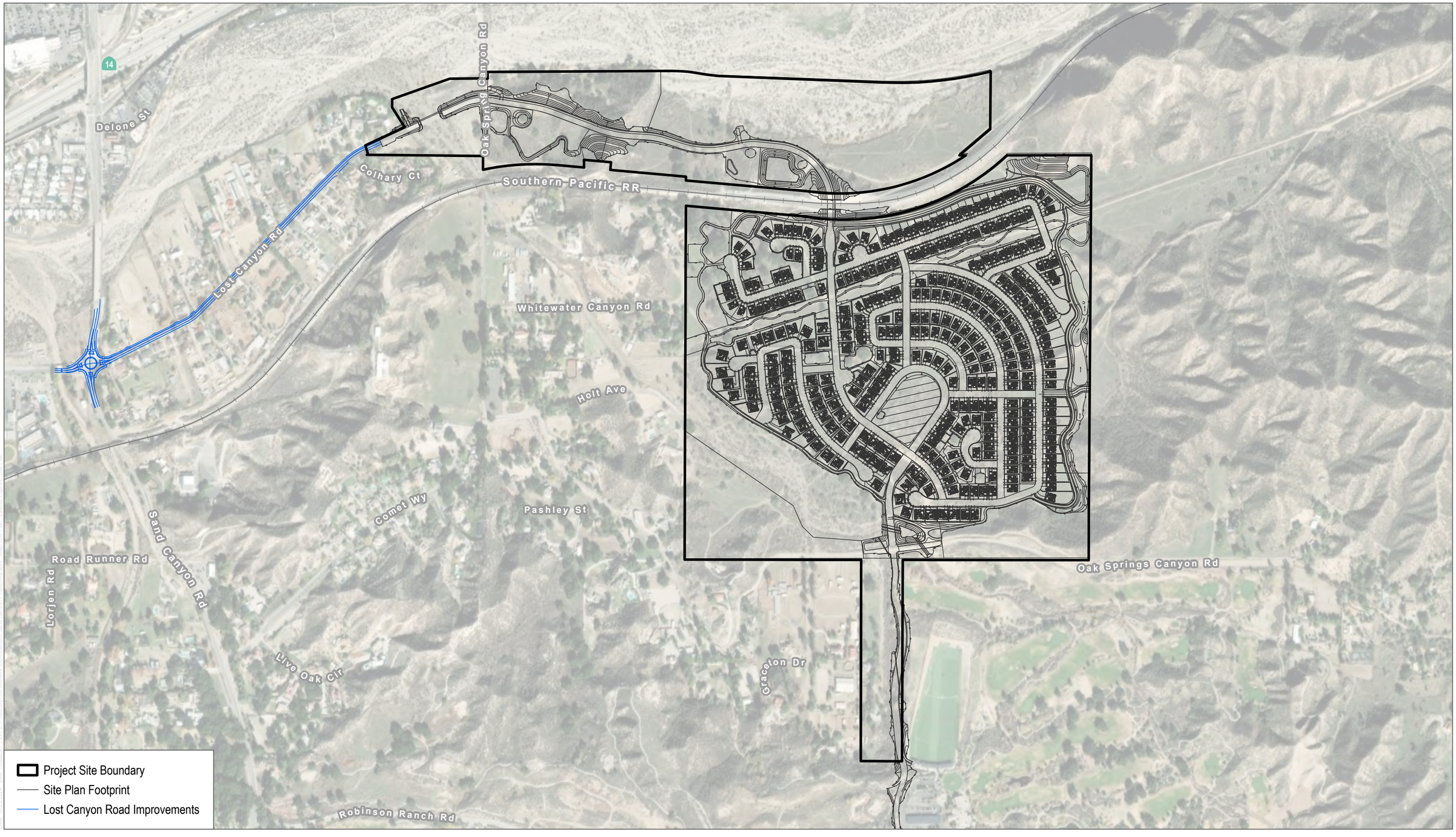
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FIGURE 1

Project Location

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SOURCE: Esri World Imagery 2022; Alliance Land Planning & Engineering 2024

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FIGURE 2

Site Plan

Belcaro at Sand Canyon Project

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Appendix A
CalEEMod Regional Output Files

Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving Regional Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving Regional
Construction Start Date	9/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Asphalt Surfaces	43.2	Acre	43.2	0.00	1,224,178	0.00	—	—

Other Non-Asphalt Surfaces	82.7	Acre	82.7	0.00	0.00	0.00	—	—
Parking Lot	0.77	Acre	0.77	0.00	9,350	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development
Refrigerants	R-1	Use Alternative Refrigerants Instead of High-GWP Refrigerants

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.7	10.7	90.3	102	0.24	3.58	9.97	13.6	3.30	4.05	6.57	—	26,258	26,258	1.07	0.27	3.37	26,369
Mit.	2.86	2.79	17.0	138	0.24	0.52	9.97	10.5	0.51	4.05	4.15	—	26,258	26,258	1.07	0.27	3.37	26,369
% Reduced	77%	74%	81%	-36%	—	86%	—	23%	84%	—	37%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.0	9.23	81.0	82.4	0.20	3.33	9.70	13.0	3.06	3.21	6.27	—	21,947	21,947	0.89	0.21	0.07	22,033
Mit.	3.27	3.21	11.4	114	0.20	0.40	9.70	10.1	0.40	3.21	3.61	—	21,947	21,947	0.89	0.21	0.07	22,033
% Reduced	70%	65%	86%	-38%	—	88%	—	22%	87%	—	42%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.92	4.16	33.8	38.3	0.09	1.34	3.65	4.99	1.23	1.20	2.43	—	9,794	9,794	0.39	0.10	0.57	9,835
Mit.	1.25	1.23	6.49	51.8	0.09	0.19	3.65	3.84	0.19	1.20	1.39	—	9,794	9,794	0.39	0.10	0.57	9,835
% Reduced	75%	71%	81%	-35%	—	86%	—	23%	84%	—	43%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.90	0.76	6.17	6.98	0.02	0.24	0.67	0.91	0.22	0.22	0.44	—	1,622	1,622	0.06	0.02	0.09	1,628
Mit.	0.23	0.22	1.19	9.45	0.02	0.04	0.67	0.70	0.03	0.22	0.25	—	1,622	1,622	0.06	0.02	0.09	1,628
% Reduced	75%	71%	81%	-35%	—	86%	—	23%	84%	—	43%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	11.0	9.23	81.0	82.8	0.20	3.33	9.70	13.0	3.06	4.05	6.27	—	21,981	21,981	0.89	0.21	2.54	22,069
2027	12.7	10.7	90.3	102	0.24	3.58	9.97	13.6	3.30	3.27	6.57	—	26,258	26,258	1.07	0.27	3.37	26,369
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	11.0	9.23	81.0	82.4	0.20	3.33	9.70	13.0	3.06	3.21	6.27	—	21,947	21,947	0.89	0.21	0.07	22,033
2027	10.6	8.93	75.6	81.4	0.20	3.10	9.70	12.8	2.85	3.21	6.06	—	21,930	21,930	0.87	0.21	0.06	22,015
2028	3.36	3.20	7.79	12.8	0.02	0.28	0.27	0.55	0.26	0.06	0.32	—	2,144	2,144	0.08	0.04	0.03	2,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.25	1.89	16.7	17.0	0.04	0.69	2.23	2.92	0.63	0.81	1.45	—	4,373	4,373	0.18	0.04	0.24	4,391
2027	4.92	4.16	33.8	38.3	0.09	1.34	3.65	4.99	1.23	1.20	2.43	—	9,794	9,794	0.39	0.10	0.57	9,835
2028	0.18	0.18	0.43	0.70	< 0.005	0.02	0.01	0.03	0.01	< 0.005	0.02	—	118	118	< 0.005	< 0.005	0.02	118
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.41	0.34	3.04	3.10	0.01	0.13	0.41	0.53	0.12	0.15	0.26	—	724	724	0.03	0.01	0.04	727
2027	0.90	0.76	6.17	6.98	0.02	0.24	0.67	0.91	0.22	0.22	0.44	—	1,622	1,622	0.06	0.02	0.09	1,628
2028	0.03	0.03	0.08	0.13	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	19.6

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.22	2.19	11.3	114	0.20	0.40	9.70	10.1	0.40	4.05	4.15	—	21,981	21,981	0.89	0.21	2.54	22,069
2027	2.86	2.79	17.0	138	0.24	0.52	9.97	10.5	0.51	3.27	3.79	—	26,258	26,258	1.07	0.27	3.37	26,369

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.22	2.19	11.4	114	0.20	0.40	9.70	10.1	0.40	3.21	3.61	—	21,947	21,947	0.89	0.21	0.07	22,033
2027	3.27	3.21	11.3	113	0.20	0.40	9.70	10.1	0.40	3.21	3.61	—	21,930	21,930	0.87	0.21	0.06	22,015
2028	2.62	2.60	2.28	13.6	0.02	0.03	0.27	0.30	0.03	0.06	0.10	—	2,144	2,144	0.08	0.04	0.03	2,158
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.44	0.44	2.26	22.7	0.04	0.08	2.23	2.31	0.08	0.81	0.89	—	4,373	4,373	0.18	0.04	0.24	4,391
2027	1.25	1.23	6.49	51.8	0.09	0.19	3.65	3.84	0.19	1.20	1.39	—	9,794	9,794	0.39	0.10	0.57	9,835
2028	0.14	0.14	0.12	0.74	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	118	118	< 0.005	< 0.005	0.02	118
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.08	0.08	0.41	4.14	0.01	0.01	0.41	0.42	0.01	0.15	0.16	—	724	724	0.03	0.01	0.04	727
2027	0.23	0.22	1.19	9.45	0.02	0.04	0.67	0.70	0.03	0.22	0.25	—	1,622	1,622	0.06	0.02	0.09	1,628
2028	0.03	0.03	0.02	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19.5	19.5	< 0.005	< 0.005	< 0.005	19.6

3. Construction Emissions Details

3.1. Site Preparation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.08	3.43	31.7	31.4	0.05	1.41	—	1.41	1.30	—	1.30	—	5,664	5,664	0.23	0.05	—	5,684

Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.73	1.72	< 0.005	0.08	—	0.08	0.07	—	0.07	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.32	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.55	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	325	325	0.01	0.01	1.10	330

Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.34	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.03	17.4
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.13	1.13	< 0.005	< 0.005	< 0.005	1.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	2.84	30.9	0.05	0.11	—	0.11	0.11	—	0.11	—	5,664	5,664	0.23	0.05	—	5,684
Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.16	1.69	< 0.005	0.01	—	0.01	0.01	—	0.01	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.55	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	325	325	0.01	0.01	1.10	330
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.34	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.03	17.4
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.13	1.13	< 0.005	< 0.005	< 0.005	1.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279

Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.8	14.7	0.04	0.61	—	0.61	0.56	—	0.56	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.71	2.67	0.01	0.11	—	0.11	0.10	—	0.10	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.19	3.10	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	650	650	0.03	0.02	2.20	660
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.34	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.21	2.65	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	617	617	0.03	0.02	0.06	624
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.01	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	115	115	0.01	< 0.005	0.18	117
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.03	24.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.1	19.1	< 0.005	< 0.005	0.03	19.3
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.80	3.80	< 0.005	< 0.005	< 0.005	3.97
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	2.02	20.4	0.04	0.07	—	0.07	0.07	—	0.07	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.37	3.73	0.01	0.01	—	0.01	0.01	—	0.01	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.19	3.10	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	650	650	0.03	0.02	2.20	660
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.34	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.21	2.65	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	617	617	0.03	0.02	0.06	624
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.01	130
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	115	115	0.01	< 0.005	0.18	117
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.9	22.9	< 0.005	< 0.005	0.03	24.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.1	19.1	< 0.005	< 0.005	0.03	19.3
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.80	3.80	< 0.005	< 0.005	< 0.005	3.97
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - Unmitigated

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

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

Off-Road	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.79	3.19	27.4	28.7	0.07	1.13	—	1.13	1.04	—	1.04	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.58	5.00	5.24	0.01	0.21	—	0.21	0.19	—	0.19	—	1,278	1,278	0.05	0.01	—	1,282

Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.17	2.88	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	638	638	0.03	0.02	1.99	647
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.32	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.21	2.44	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	605	605	0.01	0.02	0.05	612
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.93	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	223	223	< 0.005	0.01	0.31	226
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.5	44.5	< 0.005	0.01	0.05	46.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.0	37.0	< 0.005	< 0.005	0.05	37.5
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.37	7.37	< 0.005	< 0.005	0.01	7.69
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.73	4.01	40.4	0.07	0.15	—	0.15	0.15	—	0.15	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.73	7.37	0.01	0.03	—	0.03	0.03	—	0.03	—	1,278	1,278	0.05	0.01	—	1,282
Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.17	2.88	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	638	638	0.03	0.02	1.99	647
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.32	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.21	2.44	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	605	605	0.01	0.02	0.05	612
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.93	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	223	223	< 0.005	0.01	0.31	226
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.5	44.5	< 0.005	0.01	0.05	46.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.0	37.0	< 0.005	< 0.005	0.05	37.5

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.37	7.37	< 0.005	< 0.005	0.01	7.69
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	7.94	11.9	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.61	0.91	< 0.005	0.03	—	0.03	0.02	—	0.02	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8

Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.02	229
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.6	17.6	< 0.005	< 0.005	0.02	17.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.34	9.34	< 0.005	< 0.005	0.01	9.74
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.91	2.91	< 0.005	< 0.005	< 0.005	2.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.55	1.55	< 0.005	< 0.005	< 0.005	1.61
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2027) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8
Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.02	229

Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.6	17.6	< 0.005	< 0.005	0.02	17.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.34	9.34	< 0.005	< 0.005	0.01	9.74
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.91	2.91	< 0.005	< 0.005	< 0.005	2.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.55	1.55	< 0.005	< 0.005	< 0.005	1.61
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.59	11.8	0.02	0.28	—	0.28	0.26	—	0.26	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.05	0.04	0.42	0.65	< 0.005	0.02	—	0.02	0.01	—	0.01	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	223	223	< 0.005	0.01	0.02	225
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	120	120	< 0.005	0.02	0.01	125
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.55	6.55	< 0.005	< 0.005	0.01	6.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	223	223	< 0.005	0.01	0.02	225
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	120	120	< 0.005	0.02	0.01	125
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.02	12.5
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.55	6.55	< 0.005	< 0.005	0.01	6.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	1.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Utilities (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.60	7.21	0.01	0.19	—	0.19	0.17	—	0.17	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.02	1.32	< 0.005	0.03	—	0.03	0.03	—	0.03	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.08	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	0.01	0.01	0.75	243
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.32	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.08	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.02	229
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.37	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.3	88.3	< 0.005	< 0.005	0.12	89.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.9	46.9	< 0.005	0.01	0.05	49.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.77	7.77	< 0.005	< 0.005	0.01	8.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Utilities (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	0.54	5.49	23.4	0.04	0.12	—	0.12	0.11	—	0.11	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.57	0.54	5.49	23.4	0.04	0.12	—	0.12	0.11	—	0.11	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.21	2.10	8.98	0.01	0.04	—	0.04	0.04	—	0.04	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.38	1.64	< 0.005	0.01	—	0.01	0.01	—	0.01	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.08	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	0.01	0.01	0.75	243
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.32	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.02	229
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	122	122	0.01	0.02	0.01	128
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.37	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.3	88.3	< 0.005	< 0.005	0.12	89.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.9	46.9	< 0.005	0.01	0.05	49.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.77	7.77	< 0.005	< 0.005	0.01	8.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	9/1/2026	9/28/2026	5.00	20.0	—
Grading	Grading	9/29/2026	7/5/2027	5.00	200	—
Paving	Paving	11/23/2027	1/28/2028	5.00	49.0	—
Utilities	Trenching	6/8/2027	12/20/2027	5.00	140	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Average	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Utilities	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Utilities	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Utilities	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Tier 4 Final	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Tier 4 Final	2.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Utilities	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48

Utilities	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	4.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	4.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	18.5	LDA,LDT1,LDT2
Utilities	Vendor	4.00	10.2	HHDT,MHDT
Utilities	Hauling	0.00	20.0	HHDT
Utilities	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	4.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	4.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	18.5	LDA,LDT1,LDT2
Utilities	Vendor	4.00	10.2	HHDT,MHDT
Utilities	Hauling	0.00	20.0	HHDT
Utilities	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%

Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	75.0	0.00	—
Grading	0.00	0.00	300	0.00	—
Paving	0.00	0.00	0.00	0.00	127

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Asphalt Surfaces	43.2	100%
Other Non-Asphalt Surfaces	82.7	0%
Parking Lot	0.77	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422

Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0

Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant provided information. 126.7 acres disturbed.
Construction: Construction Phases	Client provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips
Construction: Off-Road Equipment	Updated equipment list per client information and linear type projects.
Construction: Dust From Material Movement	Soil will be balanced on-site

Belcaro at Sand Canyon Phase 1 Home Building Regional - Construction Detailed Report

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3.2.2. Offsite - Unmitigated

3.2.3. Onsite - Mitigated

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3.3.1. Onsite - Unmitigated

3.3.2. Offsite - Unmitigated

3.3.3. Onsite - Mitigated

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3.4. Architectural Coating (2029)

3.4.1. Onsite - Unmitigated

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Home Building Regional - Construction
Construction Start Date	1/11/2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.44

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114.000	Dwelling Unit	19.1000	309,655	408,059	0.00000	337.000	Active Senior Living
Health Club	7.60000	1000sqft	3.00000	7,600.00	0.00000	0.00000	—	—

Recreational Swimming Pool	4.00000	1000sqft	0.10000	4,000.00	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.9599	10.5273	16.9763	30.4564	0.04455	0.52667	1.63506	2.16173	0.48490	0.39042	0.87532	—	6,076.50	6,076.50	0.19921	0.16972	5.67891	6,137.73
Mit.	9.54184	9.40118	6.92514	32.4097	0.04455	0.16703	1.63506	1.80209	0.15959	0.39042	0.55002	—	6,076.50	6,076.50	0.19921	0.16972	5.67891	6,137.73
% Reduced	13%	11%	59%	-6%	—	68%	—	17%	67%	—	37%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.9566	10.5239	17.0562	29.5133	0.04455	0.52667	1.63506	2.16173	0.48490	0.39042	0.87532	—	6,001.03	6,001.03	0.20168	0.17016	0.14695	6,056.92
Mit.	9.53848	9.39783	7.00504	31.4666	0.04455	0.16703	1.63506	1.80209	0.15959	0.39042	0.55002	—	6,001.03	6,001.03	0.20168	0.17016	0.14695	6,056.92
% Reduced	13%	11%	59%	-7%	—	68%	—	17%	67%	—	37%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.02886	3.76110	10.8064	18.9219	0.02855	0.34771	1.00558	1.35329	0.32011	0.23992	0.56003	—	3,879.46	3,879.46	0.13085	0.10643	1.52375	3,915.97

Mit.	3.30261	3.28671	4.00294	20.4731	0.02855	0.11311	1.00558	1.11869	0.10793	0.23992	0.34785	—	3,879.46	3,879.46	0.13085	0.10643	1.52375	3,915.97
% Reduced	18%	13%	63%	-8%	—	67%	—	17%	66%	—	38%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.73527	0.68640	1.97217	3.45325	0.00521	0.06346	0.18352	0.24697	0.05842	0.04378	0.10221	—	642.288	642.288	0.02166	0.01762	0.25227	648.333
Mit.	0.60273	0.59982	0.73054	3.73633	0.00521	0.02064	0.18352	0.20416	0.01970	0.04378	0.06348	—	642.288	642.288	0.02166	0.01762	0.25227	648.333
% Reduced	18%	13%	63%	-8%	—	67%	—	17%	66%	—	38%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

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

2028	10.9599	10.5273	16.9763	30.4564	0.04455	0.52667	1.63506	2.16173	0.48490	0.39042	0.87532	—	6,076.50	6,076.50	0.19921	0.16972	5.67891	6,137.73
2029	8.78927	8.71003	2.56154	4.44900	0.00608	0.03942	0.29564	0.33506	0.03634	0.07073	0.10707	—	773.396	773.396	0.02309	0.02954	0.95032	783.725
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.9566	10.5239	17.0562	29.5133	0.04455	0.52667	1.63506	2.16173	0.48490	0.39042	0.87532	—	6,001.03	6,001.03	0.20168	0.17016	0.14695	6,056.92
2029	10.8416	10.4632	16.4800	29.0982	0.04455	0.48392	1.63506	2.11899	0.44557	0.39042	0.83599	—	5,960.77	5,960.77	0.20120	0.17015	0.13359	6,016.64
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	4.02886	3.76110	10.8064	18.9219	0.02855	0.34771	1.00558	1.35329	0.32011	0.23992	0.56003	—	3,879.46	3,879.46	0.13085	0.10643	1.52375	3,915.97
2029	3.57888	3.50555	3.08087	5.42817	0.00813	0.08251	0.31049	0.39299	0.07598	0.07413	0.15010	—	1,080.28	1,080.28	0.03587	0.03238	0.43010	1,091.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.73527	0.68640	1.97217	3.45325	0.00521	0.06346	0.18352	0.24697	0.05842	0.04378	0.10221	—	642.288	642.288	0.02166	0.01762	0.25227	648.333
2029	0.65314	0.63976	0.56226	0.99064	0.00148	0.01506	0.05666	0.07172	0.01387	0.01353	0.02739	—	178.853	178.853	0.00594	0.00536	0.07121	180.670

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.4840	10.1304	15.9666	23.8361	0.04006	0.52217	0.00000	0.52217	0.48040	0.00000	0.48040	—	4,017.52	4,017.52	0.16297	0.03259	0.00000	4,031.31
2029	8.70607	8.64159	2.38247	3.33647	0.00518	0.03852	0.00000	0.03852	0.03544	0.00000	0.03544	—	400.529	400.529	0.01625	0.00325	0.00000	401.904
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.4840	10.1304	15.9666	23.8361	0.04006	0.52217	0.00000	0.52217	0.48040	0.00000	0.48040	—	4,017.52	4,017.52	0.16297	0.03259	0.00000	4,031.31
2029	10.4324	10.0873	15.4710	23.8034	0.04005	0.47943	0.00000	0.47943	0.44107	0.00000	0.44107	—	4,016.50	4,016.50	0.16293	0.03259	0.00000	4,030.28
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.73575	3.51704	10.1319	15.2338	0.02579	0.34494	0.00000	0.34494	0.31735	0.00000	0.31735	—	2,635.08	2,635.08	0.10689	0.02138	0.00000	2,644.12

2029	3.50061	3.43379	2.88371	4.36468	0.00725	0.08162	0.00000	0.08162	0.07509	0.00000	0.07509	—	700.873	700.873	0.02843	0.00569	0.00000	703.278
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.68177	0.64186	1.84907	2.78017	0.00471	0.06295	0.00000	0.06295	0.05792	0.00000	0.05792	—	436.267	436.267	0.01770	0.00354	0.00000	437.764
2029	0.63886	0.62667	0.52628	0.79655	0.00132	0.01490	0.00000	0.01490	0.01370	0.00000	0.01370	—	116.038	116.038	0.00471	0.00094	0.00000	116.436

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47593	0.39692	1.00972	6.62031	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	2,058.97	2,058.97	0.03624	0.13713	5.67891	2,106.42
2029	0.08320	0.06845	0.17907	1.11253	0.00090	0.00090	0.29564	0.29654	0.00090	0.07073	0.07163	—	372.867	372.867	0.00684	0.02629	0.95032	381.822
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47258	0.39357	1.08961	5.67717	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	1,983.50	1,983.50	0.03871	0.13757	0.14695	2,025.61
2029	0.40918	0.37584	1.00892	5.29480	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	1,944.27	1,944.27	0.03827	0.13757	0.13359	1,986.36
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.29311	0.24406	0.67452	3.68809	0.00277	0.00277	1.00558	1.00834	0.00277	0.23992	0.24268	—	1,244.38	1,244.38	0.02396	0.08505	1.52375	1,271.85
2029	0.07827	0.07175	0.19716	1.06349	0.00088	0.00088	0.31049	0.31137	0.00088	0.07413	0.07501	—	379.410	379.410	0.00744	0.02669	0.43010	387.980
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.05349	0.04454	0.12310	0.67308	0.00050	0.00050	0.18352	0.18402	0.00050	0.04378	0.04429	—	206.021	206.021	0.00397	0.01408	0.25227	210.569
2029	0.01428	0.01309	0.03598	0.19409	0.00016	0.00016	0.05666	0.05683	0.00016	0.01353	0.01369	—	62.8156	62.8156	0.00123	0.00442	0.07121	64.2346

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.54184	9.40118	6.92514	32.4097	0.04455	0.16703	1.63506	1.80209	0.15959	0.39042	0.55002	—	6,076.50	6,076.50	0.19921	0.16972	5.67891	6,137.73
2029	8.48115	8.46640	2.11720	4.00210	0.00608	0.00795	0.29564	0.30359	0.00795	0.07073	0.07868	—	773.396	773.396	0.02309	0.02954	0.95032	783.725
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.53848	9.39783	7.00504	31.4666	0.04455	0.16703	1.63506	1.80209	0.15959	0.39042	0.55002	—	6,001.03	6,001.03	0.20168	0.17016	0.14695	6,056.92
2029	9.47416	9.37934	6.91736	31.0820	0.04455	0.16605	1.63506	1.80112	0.15870	0.39042	0.54912	—	5,960.77	5,960.77	0.20120	0.17015	0.13359	6,016.64
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.17430	3.08231	4.00294	20.4731	0.02855	0.11311	1.00558	1.11869	0.10793	0.23992	0.34785	—	3,879.46	3,879.46	0.13085	0.10643	1.52375	3,915.97
2029	3.30261	3.28671	1.52382	5.63303	0.00813	0.02709	0.31049	0.33758	0.02597	0.07413	0.10009	—	1,080.28	1,080.28	0.03587	0.03238	0.43010	1,091.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.57931	0.56252	0.73054	3.73633	0.00521	0.02064	0.18352	0.20416	0.01970	0.04378	0.06348	—	642.288	642.288	0.02166	0.01762	0.25227	648.333
2029	0.60273	0.59982	0.27810	1.02803	0.00148	0.00494	0.05666	0.06161	0.00474	0.01353	0.01827	—	178.853	178.853	0.00594	0.00536	0.07121	180.670

2.2.5. Onsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.06590	9.00426	5.91543	25.7894	0.04006	0.16253	0.00000	0.16253	0.15510	0.00000	0.15510	—	4,017.52	4,017.52	0.16297	0.03259	0.00000	4,031.31
2029	8.39795	8.39795	1.93813	2.88957	0.00518	0.00705	0.00000	0.00705	0.00705	0.00000	0.00705	—	400.529	400.529	0.01625	0.00325	0.00000	401.904
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.06590	9.00426	5.91543	25.7894	0.04006	0.16253	0.00000	0.16253	0.15510	0.00000	0.15510	—	4,017.52	4,017.52	0.16297	0.03259	0.00000	4,031.31
2029	9.06498	9.00350	5.90844	25.7872	0.04005	0.16156	0.00000	0.16156	0.15420	0.00000	0.15420	—	4,016.50	4,016.50	0.16293	0.03259	0.00000	4,030.28

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	2.88119	2.83825	3.32842	16.7850	0.02579	0.11035	0.00000	0.11035	0.10517	0.00000	0.10517	—	2,635.08	2,635.08	0.10689	0.02138	0.00000	2,644.12
2029	3.22434	3.21496	1.32667	4.56954	0.00725	0.02620	0.00000	0.02620	0.02508	0.00000	0.02508	—	700.873	700.873	0.02843	0.00569	0.00000	703.278
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.52582	0.51798	0.60744	3.06326	0.00471	0.02014	0.00000	0.02014	0.01919	0.00000	0.01919	—	436.267	436.267	0.01770	0.00354	0.00000	437.764
2029	0.58844	0.58673	0.24212	0.83394	0.00132	0.00478	0.00000	0.00478	0.00458	0.00000	0.00458	—	116.038	116.038	0.00471	0.00094	0.00000	116.436

2.2.6. Offsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47593	0.39692	1.00972	6.62031	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	2,058.97	2,058.97	0.03624	0.13713	5.67891	2,106.42
2029	0.08320	0.06845	0.17907	1.11253	0.00090	0.00090	0.29564	0.29654	0.00090	0.07073	0.07163	—	372.867	372.867	0.00684	0.02629	0.95032	381.822
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.47258	0.39357	1.08961	5.67717	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	1,983.50	1,983.50	0.03871	0.13757	0.14695	2,025.61
2029	0.40918	0.37584	1.00892	5.29480	0.00450	0.00450	1.63506	1.63956	0.00450	0.39042	0.39492	—	1,944.27	1,944.27	0.03827	0.13757	0.13359	1,986.36
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.29311	0.24406	0.67452	3.68809	0.00277	0.00277	1.00558	1.00834	0.00277	0.23992	0.24268	—	1,244.38	1,244.38	0.02396	0.08505	1.52375	1,271.85
2029	0.07827	0.07175	0.19716	1.06349	0.00088	0.00088	0.31049	0.31137	0.00088	0.07413	0.07501	—	379.410	379.410	0.00744	0.02669	0.43010	387.980
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.05349	0.04454	0.12310	0.67308	0.00050	0.00050	0.18352	0.18402	0.00050	0.04378	0.04429	—	206.021	206.021	0.00397	0.01408	0.25227	210.569
2029	0.01428	0.01309	0.03598	0.19409	0.00016	0.00016	0.05666	0.05683	0.00016	0.01353	0.01369	—	62.8156	62.8156	0.00123	0.00442	0.07121	64.2346

3. Construction Emissions Details

3.1. Building Construction (2028)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.75992	1.47391	13.5422	20.4811	0.03488	0.47610	—	0.47610	0.43802	—	0.43802	—	3,616.97	3,616.97	0.14672	0.02934	—	3,629.39
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.75992	1.47391	13.5422	20.4811	0.03488	0.47610	—	0.47610	0.43802	—	0.43802	—	3,616.97	3,616.97	0.14672	0.02934	—	3,629.39
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22609	1.02683	9.43447	14.2687	0.02430	0.33169	—	0.33169	0.30515	—	0.30515	—	2,519.85	2,519.85	0.10222	0.02044	—	2,528.50
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22376	0.18740	1.72179	2.60403	0.00443	0.06053	—	0.06053	0.05569	—	0.05569	—	417.190	417.190	0.01692	0.00338	—	418.621

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35799	0.31438	0.31337	5.18928	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,200.73	1,200.73	0.01217	0.04361	3.42334	1,217.45
Vendor	0.03210	0.01136	0.50258	0.24233	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	477.769	477.769	0.01714	0.06723	1.20909	499.441
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35596	0.31235	0.35697	4.41246	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,138.45	1,138.45	0.01420	0.04361	0.08853	1,151.88
Vendor	0.03139	0.01065	0.52403	0.24438	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	478.053	478.053	0.01714	0.06758	0.03133	498.653
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24657	0.21619	0.24728	3.21394	0.00000	0.00000	0.82722	0.82722	0.00000	0.19374	0.19374	—	804.833	804.833	0.00989	0.03038	1.03173	815.165
Vendor	0.02212	0.00767	0.36714	0.16829	0.00251	0.00251	0.09436	0.09687	0.00251	0.02610	0.02860	—	332.933	332.933	0.01194	0.04708	0.36203	347.624
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04500	0.03946	0.04513	0.58654	0.00000	0.00000	0.15097	0.15097	0.00000	0.03536	0.03536	—	133.249	133.249	0.00164	0.00503	0.17082	134.960
Vendor	0.00404	0.00140	0.06700	0.03071	0.00046	0.00046	0.01722	0.01768	0.00046	0.00476	0.00522	—	55.1208	55.1208	0.00198	0.00780	0.05994	57.5532
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66796	0.60631	3.97730	22.8999	0.03488	0.15548	—	0.15548	0.14805	—	0.14805	—	3,616.97	3,616.97	0.14672	0.02934	—	3,629.39
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66796	0.60631	3.97730	22.8999	0.03488	0.15548	—	0.15548	0.14805	—	0.14805	—	3,616.97	3,616.97	0.14672	0.02934	—	3,629.39
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46535	0.42240	2.77088	15.9537	0.02430	0.10832	—	0.10832	0.10314	—	0.10314	—	2,519.85	2,519.85	0.10222	0.02044	—	2,528.50
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08493	0.07709	0.50569	2.91155	0.00443	0.01977	—	0.01977	0.01882	—	0.01882	—	417.190	417.190	0.01692	0.00338	—	418.621
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35799	0.31438	0.31337	5.18928	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,200.73	1,200.73	0.01217	0.04361	3.42334	1,217.45
Vendor	0.03210	0.01136	0.50258	0.24233	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	477.769	477.769	0.01714	0.06723	1.20909	499.441
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35596	0.31235	0.35697	4.41246	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,138.45	1,138.45	0.01420	0.04361	0.08853	1,151.88
Vendor	0.03139	0.01065	0.52403	0.24438	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	478.053	478.053	0.01714	0.06758	0.03133	498.653
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24657	0.21619	0.24728	3.21394	0.00000	0.00000	0.82722	0.82722	0.00000	0.19374	0.19374	—	804.833	804.833	0.00989	0.03038	1.03173	815.165
Vendor	0.02212	0.00767	0.36714	0.16829	0.00251	0.00251	0.09436	0.09687	0.00251	0.02610	0.02860	—	332.933	332.933	0.01194	0.04708	0.36203	347.624
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04500	0.03946	0.04513	0.58654	0.00000	0.00000	0.15097	0.15097	0.00000	0.03536	0.03536	—	133.249	133.249	0.00164	0.00503	0.17082	134.960
Vendor	0.00404	0.00140	0.06700	0.03071	0.00046	0.00046	0.01722	0.01768	0.00046	0.00476	0.00522	—	55.1208	55.1208	0.00198	0.00780	0.05994	57.5532
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Building Construction (2029)

3.2.1. Onsite - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72638	1.44573	13.0886	20.4670	0.03487	0.44090	—	0.44090	0.40563	—	0.40563	—	3,615.97	3,615.97	0.14668	0.02934	—	3,628.38
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26352	0.22068	1.99786	3.12412	0.00532	0.06730	—	0.06730	0.06192	—	0.06192	—	551.948	551.948	0.02239	0.00448	—	553.842
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04809	0.04027	0.36461	0.57015	0.00097	0.01228	—	0.01228	0.01130	—	0.01130	—	91.3813	91.3813	0.00371	0.00074	—	91.6949
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30424	0.29815	0.31539	4.10721	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,119.19	1,119.19	0.01420	0.04361	0.07941	1,132.62
Vendor	0.03104	0.01030	0.49997	0.23577	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	465.423	465.423	0.01679	0.06758	0.02953	486.013
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04613	0.04520	0.04814	0.65789	0.00000	0.00000	0.18125	0.18125	0.00000	0.04245	0.04245	—	173.349	173.349	0.00217	0.00666	0.20230	175.589
Vendor	0.00479	0.00163	0.07677	0.03556	0.00055	0.00055	0.02067	0.02122	0.00055	0.00572	0.00627	—	71.0170	71.0170	0.00256	0.01026	0.07500	74.2143
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00842	0.00825	0.00879	0.12007	0.00000	0.00000	0.03308	0.03308	0.00000	0.00775	0.00775	—	28.7000	28.7000	0.00036	0.00110	0.03349	29.0708
Vendor	0.00087	0.00030	0.01401	0.00649	0.00010	0.00010	0.00377	0.00387	0.00010	0.00104	0.00114	—	11.7577	11.7577	0.00042	0.00170	0.01242	12.2870
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66703	0.60555	3.97031	22.8976	0.03487	0.15451	—	0.15451	0.14715	—	0.14715	—	3,615.97	3,615.97	0.14668	0.02934	—	3,628.38
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.10182	0.09243	0.60604	3.49514	0.00532	0.02358	—	0.02358	0.02246	—	0.02246	—	551.948	551.948	0.02239	0.00448	—	553.842
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01858	0.01687	0.11060	0.63786	0.00097	0.00430	—	0.00430	0.00410	—	0.00410	—	91.3813	91.3813	0.00371	0.00074	—	91.6949
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30424	0.29815	0.31539	4.10721	0.00000	0.00000	1.20253	1.20253	0.00000	0.28187	0.28187	—	1,119.19	1,119.19	0.01420	0.04361	0.07941	1,132.62
Vendor	0.03104	0.01030	0.49997	0.23577	0.00360	0.00360	0.13689	0.14049	0.00360	0.03782	0.04142	—	465.423	465.423	0.01679	0.06758	0.02953	486.013
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04613	0.04520	0.04814	0.65789	0.00000	0.00000	0.18125	0.18125	0.00000	0.04245	0.04245	—	173.349	173.349	0.00217	0.00666	0.20230	175.589
Vendor	0.00479	0.00163	0.07677	0.03556	0.00055	0.00055	0.02067	0.02122	0.00055	0.00572	0.00627	—	71.0170	71.0170	0.00256	0.01026	0.07500	74.2143
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00842	0.00825	0.00879	0.12007	0.00000	0.00000	0.03308	0.03308	0.00000	0.00775	0.00775	—	28.7000	28.7000	0.00036	0.00110	0.03349	29.0708
Vendor	0.00087	0.00030	0.01401	0.00649	0.00010	0.00010	0.00377	0.00387	0.00010	0.00104	0.00114	—	11.7577	11.7577	0.00042	0.00170	0.01242	12.2870

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Architectural Coating (2028)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38954	0.32193	2.42442	3.35500	0.00518	0.04607	—	0.04607	0.04238	—	0.04238	—	400.551	400.551	0.01625	0.00325	—	401.926
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38954	0.32193	2.42442	3.35500	0.00518	0.04607	—	0.04607	0.04238	—	0.04238	—	400.551	400.551	0.01625	0.00325	—	401.926
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.11206	0.09261	0.69744	0.96514	0.00149	0.01325	—	0.01325	0.01219	—	0.01219	—	115.227	115.227	0.00467	0.00093	—	115.622
Architectural Coatings	2.39760	2.39760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02045	0.01690	0.12728	0.17614	0.00027	0.00242	—	0.00242	0.00223	—	0.00223	—	19.0771	19.0771	0.00077	0.00015	—	19.1426
Architectural Coatings	0.43756	0.43756	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07782	0.06834	0.06812	1.12811	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	261.029	261.029	0.00265	0.00948	0.74421	264.664
Vendor	0.00802	0.00284	0.12565	0.06058	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	119.442	119.442	0.00429	0.01681	0.30227	124.860
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07738	0.06790	0.07760	0.95923	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	247.488	247.488	0.00309	0.00948	0.01925	250.410
Vendor	0.00785	0.00266	0.13101	0.06109	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	119.513	119.513	0.00429	0.01690	0.00783	124.663

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02213	0.01941	0.02220	0.28850	0.00000	0.00000	0.07426	0.07426	0.00000	0.01739	0.01739	—	72.2462	72.2462	0.00089	0.00273	0.09261	73.1737
Vendor	0.00228	0.00079	0.03790	0.01737	0.00026	0.00026	0.00974	0.01000	0.00026	0.00269	0.00295	—	34.3687	34.3687	0.00123	0.00486	0.03737	35.8854
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00404	0.00354	0.00405	0.05265	0.00000	0.00000	0.01355	0.01355	0.00000	0.00317	0.00317	—	11.9612	11.9612	0.00015	0.00045	0.01533	12.1147
Vendor	0.00042	0.00014	0.00692	0.00317	0.00005	0.00005	0.00178	0.00182	0.00005	0.00049	0.00054	—	5.69014	5.69014	0.00020	0.00080	0.00619	5.94124
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.551	400.551	0.01625	0.00325	—	401.926
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.551	400.551	0.01625	0.00325	—	401.926

Architect Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01825	0.01825	0.55754	0.83125	0.00149	0.00203	—	0.00203	0.00203	—	0.00203	—	115.227	115.227	0.00467	0.00093	—	115.622
Architectural Coatings	2.39760	2.39760	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00333	0.00333	0.10175	0.15170	0.00027	0.00037	—	0.00037	0.00037	—	0.00037	—	19.0771	19.0771	0.00077	0.00015	—	19.1426
Architectural Coatings	0.43756	0.43756	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07782	0.06834	0.06812	1.12811	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	261.029	261.029	0.00265	0.00948	0.74421	264.664

Vendor	0.00802	0.00284	0.12565	0.06058	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	119.442	119.442	0.00429	0.01681	0.30227	124.860
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07738	0.06790	0.07760	0.95923	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	247.488	247.488	0.00309	0.00948	0.01925	250.410
Vendor	0.00785	0.00266	0.13101	0.06109	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	119.513	119.513	0.00429	0.01690	0.00783	124.663
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02213	0.01941	0.02220	0.28850	0.00000	0.00000	0.07426	0.07426	0.00000	0.01739	0.01739	—	72.2462	72.2462	0.00089	0.00273	0.09261	73.1737
Vendor	0.00228	0.00079	0.03790	0.01737	0.00026	0.00026	0.00974	0.01000	0.00026	0.00269	0.00295	—	34.3687	34.3687	0.00123	0.00486	0.03737	35.8854
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00404	0.00354	0.00405	0.05265	0.00000	0.00000	0.01355	0.01355	0.00000	0.00317	0.00317	—	11.9612	11.9612	0.00015	0.00045	0.01533	12.1147
Vendor	0.00042	0.00014	0.00692	0.00317	0.00005	0.00005	0.00178	0.00182	0.00005	0.00049	0.00054	—	5.69014	5.69014	0.00020	0.00080	0.00619	5.94124
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Architectural Coating (2029)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37155	0.30707	2.38247	3.33647	0.00518	0.03852	—	0.03852	0.03544	—	0.03544	—	400.529	400.529	0.01625	0.00325	—	401.904

Architectural Coating	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37155	0.30707	2.38247	3.33647	0.00518	0.03852	—	0.03852	0.03544	—	0.03544	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13815	0.11417	0.88585	1.24057	0.00193	0.01432	—	0.01432	0.01318	—	0.01318	—	148.925	148.925	0.00604	0.00121	—	149.436
Architectural Coatings	3.09894	3.09894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02521	0.02084	0.16167	0.22640	0.00035	0.00261	—	0.00261	0.00240	—	0.00240	—	24.6562	24.6562	0.00100	0.00020	—	24.7408

Architectural Coatings	0.56556	0.56556	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07518	0.06570	0.05952	1.05491	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	256.585	256.585	0.00265	0.00948	0.66605	260.142
Vendor	0.00802	0.00275	0.11954	0.05762	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.282	116.282	0.00420	0.01681	0.28426	121.680
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06614	0.06482	0.06856	0.89287	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	243.302	243.302	0.00309	0.00948	0.01726	246.222
Vendor	0.00776	0.00257	0.12499	0.05894	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.356	116.356	0.00420	0.01690	0.00738	121.503
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02443	0.02394	0.02549	0.34838	0.00000	0.00000	0.09598	0.09598	0.00000	0.02248	0.02248	—	91.7959	91.7959	0.00115	0.00352	0.10713	92.9821
Vendor	0.00292	0.00099	0.04675	0.02165	0.00033	0.00033	0.01259	0.01292	0.00033	0.00348	0.00382	—	43.2475	43.2475	0.00156	0.00625	0.04567	45.1946
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00446	0.00437	0.00465	0.06358	0.00000	0.00000	0.01752	0.01752	0.00000	0.00410	0.00410	—	15.1979	15.1979	0.00019	0.00058	0.01774	15.3943
Vendor	0.00053	0.00018	0.00853	0.00395	0.00006	0.00006	0.00230	0.00236	0.00006	0.00064	0.00070	—	7.16012	7.16012	0.00026	0.00103	0.00756	7.48248
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.33452	8.33452	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02358	0.02358	0.72063	1.07440	0.00193	0.00262	—	0.00262	0.00262	—	0.00262	—	148.925	148.925	0.00604	0.00121	—	149.436

Architectural	3.09894	3.09894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00430	0.00430	0.13152	0.19608	0.00035	0.00048	—	0.00048	0.00048	—	0.00048	—	24.6562	24.6562	0.00100	0.00020	—	24.7408
Architectural Coatings	0.56556	0.56556	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07518	0.06570	0.05952	1.05491	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	256.585	256.585	0.00265	0.00948	0.66605	260.142
Vendor	0.00802	0.00275	0.11954	0.05762	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.282	116.282	0.00420	0.01681	0.28426	121.680
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06614	0.06482	0.06856	0.89287	0.00000	0.00000	0.26142	0.26142	0.00000	0.06128	0.06128	—	243.302	243.302	0.00309	0.00948	0.01726	246.222
Vendor	0.00776	0.00257	0.12499	0.05894	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.356	116.356	0.00420	0.01690	0.00738	121.503
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02443	0.02394	0.02549	0.34838	0.00000	0.00000	0.09598	0.09598	0.00000	0.02248	0.02248	—	91.7959	91.7959	0.00115	0.00352	0.10713	92.9821
Vendor	0.00292	0.00099	0.04675	0.02165	0.00033	0.00033	0.01259	0.01292	0.00033	0.00348	0.00382	—	43.2475	43.2475	0.00156	0.00625	0.04567	45.1946
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00446	0.00437	0.00465	0.06358	0.00000	0.00000	0.01752	0.01752	0.00000	0.00410	0.00410	—	15.1979	15.1979	0.00019	0.00058	0.01774	15.3943
Vendor	0.00053	0.00018	0.00853	0.00395	0.00006	0.00006	0.00230	0.00236	0.00006	0.00064	0.00070	—	7.16012	7.16012	0.00026	0.00103	0.00756	7.48248
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	1/11/2028	3/19/2029	5.00000	310.000	—

Architectural Coating	Architectural Coating	8/7/2028	7/9/2029	5.00000	241.000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	6.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	3.00000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Average	3.00000	6.00000	37.0000	0.48000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Final	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Tier 4 Final	6.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	3.00000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Worker	92.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	16.0000	10.2000	HHDT,MHDT

Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	20.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Worker	92.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	16.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	20.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

Architectural Coating	627,051	209,017	11,400.0	3,800.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00000	531.983	0.03300	0.00400
2029	0.00000	531.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152

Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000
Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626

Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7

Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000
Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	114 homes on 19.1 acres
Construction: Construction Phases	Estimated schedule
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips
Operations: Hearths	No woodburning or gas fireplaces

Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.8000	19.1000
Building Area	sq. ft	120,840	309,655
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.17447	3.00000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.09183	0.10000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Building Construction	Building Construction	Start Date	4/14/2028	1/11/2028
Building Construction	Building Construction	End Date	9/14/2029	3/19/2029
Building Construction	Building Construction	Work Days per Phase	370.000	310.000
Architectural Coating	Architectural Coating	Start Date	10/14/2029	8/7/2028
Architectural Coating	Architectural Coating	End Date	11/11/2029	7/9/2029
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	241.000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Building Construction	Forklifts	Number per Day	3.00000	6.00000
Building Construction	Generator Sets	Number per Day	1.000000	3.00000
Building Construction	Tractors/Loaders/Backhoes	Number per Day	3.00000	6.00000
Architectural Coating	Air Compressors	Number per Day	1.000000	3.00000

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Building Construction	Worker	One-Way Trips per Day	86.9520	92.0000
Building Construction	Vendor	One-Way Trips per Day	14.0878	16.0000
Architectural Coating	Worker	One-Way Trips per Day	17.3904	20.0000

Belcaro at Sand Canyon Phase 2 Home Building Regional Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 2 Home Building Regional Construction
Construction Start Date	12/26/2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.44

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114.000	Dwelling Unit	18.0000	309,655	408,059	0.00000	337.000	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.4415	10.0448	15.5313	28.9235	0.04265	0.45282	1.48724	1.94007	0.41692	0.35506	0.77198	—	5,744.51	5,744.51	0.19110	0.15573	4.67606	5,800.37
Mit.	9.07400	8.96094	5.96869	30.9072	0.04265	0.13495	1.48724	1.62220	0.13005	0.35506	0.48511	—	5,744.51	5,744.51	0.19110	0.15573	4.67606	5,800.37
% Reduced	13%	11%	62%	-7%	—	70%	—	16%	69%	—	37%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.3942	10.0395	15.6019	28.1030	0.04265	0.45282	1.48724	1.94007	0.41692	0.35506	0.77198	—	5,677.10	5,677.10	0.19334	0.15612	0.12127	5,728.58
Mit.	9.02671	8.95564	6.03931	30.0868	0.04265	0.13495	1.48724	1.62220	0.13005	0.35506	0.48511	—	5,677.10	5,677.10	0.19334	0.15612	0.12127	5,728.58
% Reduced	13%	11%	61%	-7%	—	70%	—	16%	69%	—	37%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.44317	5.23728	9.10845	16.5718	0.02498	0.26754	0.85509	1.12263	0.24632	0.20400	0.45032	—	3,342.44	3,342.44	0.11364	0.09062	1.17578	3,373.46
Mit.	4.65264	4.61067	3.42299	17.8008	0.02498	0.08008	0.85509	0.93517	0.07715	0.20400	0.28114	—	3,342.44	3,342.44	0.11364	0.09062	1.17578	3,373.46
% Reduced	15%	12%	62%	-7%	—	70%	—	17%	69%	—	38%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.99338	0.95580	1.66229	3.02435	0.00456	0.04883	0.15605	0.20488	0.04495	0.03723	0.08218	—	553.379	553.379	0.01882	0.01500	0.19466	558.515
Mit.	0.84911	0.84145	0.62470	3.24865	0.00456	0.01462	0.15605	0.17067	0.01408	0.03723	0.05131	—	553.379	553.379	0.01882	0.01500	0.19466	558.515
% Reduced	15%	12%	62%	-7%	—	70%	—	17%	69%	—	38%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	10.4415	10.0448	15.5313	28.9235	0.04265	0.45282	1.48724	1.94007	0.41692	0.35506	0.77198	—	5,744.51	5,744.51	0.19110	0.15573	4.67606	5,800.37

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.99401	1.67058	13.5430	24.2037	0.03658	0.44828	1.21774	1.66602	0.41267	0.29045	0.70312	—	4,970.88	4,970.88	0.17047	0.12745	0.10825	5,013.23
2029	10.3942	10.0395	15.6019	28.1030	0.04265	0.45282	1.48724	1.94007	0.41692	0.35506	0.77198	—	5,677.10	5,677.10	0.19334	0.15612	0.12127	5,728.58
2030	8.46326	8.39571	2.52803	4.13004	0.00608	0.03381	0.26950	0.30331	0.03117	0.06460	0.09578	—	728.921	728.921	0.02283	0.02769	0.02082	737.764
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.02339	0.01960	0.15903	0.28632	0.00043	0.00526	0.01412	0.01938	0.00485	0.00337	0.00821	—	58.5450	58.5450	0.00200	0.00150	0.02122	59.0622
2029	5.44317	5.23728	9.10845	16.5718	0.02498	0.26754	0.85509	1.12263	0.24632	0.20400	0.45032	—	3,342.44	3,342.44	0.11364	0.09062	1.17578	3,373.46
2030	1.29180	1.28149	0.38586	0.63643	0.00093	0.00516	0.04063	0.04579	0.00476	0.00973	0.01449	—	111.740	111.740	0.00348	0.00423	0.05278	113.140
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00427	0.00358	0.02902	0.05225	0.00008	0.00096	0.00258	0.00354	0.00088	0.00061	0.00150	—	9.69279	9.69279	0.00033	0.00025	0.00351	9.77842
2029	0.99338	0.95580	1.66229	3.02435	0.00456	0.04883	0.15605	0.20488	0.04495	0.03723	0.08218	—	553.379	553.379	0.01882	0.01500	0.19466	558.515
2030	0.23575	0.23387	0.07042	0.11615	0.00017	0.00094	0.00741	0.00836	0.00087	0.00178	0.00264	—	18.4999	18.4999	0.00058	0.00070	0.00874	18.7315

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	10.0219	9.69732	14.6898	23.2841	0.03860	0.44878	0.00000	0.44878	0.41287	0.00000	0.41287	—	3,912.66	3,912.66	0.15871	0.03174	0.00000	3,926.08
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.64153	1.37607	12.7586	19.9611	0.03343	0.44513	0.00000	0.44513	0.40952	0.00000	0.40952	—	3,513.13	3,513.13	0.14251	0.02850	0.00000	3,525.19
2029	10.0219	9.69732	14.6898	23.2841	0.03860	0.44878	0.00000	0.44878	0.41287	0.00000	0.41287	—	3,912.66	3,912.66	0.15871	0.03174	0.00000	3,926.08
2030	8.39926	8.33727	2.35419	3.32156	0.00518	0.03291	0.00000	0.03291	0.03027	0.00000	0.03027	—	400.539	400.539	0.01625	0.00325	0.00000	401.913
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2028	0.01927	0.01616	0.14981	0.23438	0.00039	0.00523	0.00000	0.00523	0.00481	0.00000	0.00481	—	41.2501	41.2501	0.00167	0.00033	0.00000	41.3917
2029	5.22754	5.03908	8.57748	13.6363	0.02264	0.26520	0.00000	0.26520	0.24398	0.00000	0.24398	—	2,306.16	2,306.16	0.09355	0.01871	0.00000	2,314.07
2030	1.28208	1.27262	0.35935	0.50701	0.00079	0.00502	0.00000	0.00502	0.00462	0.00000	0.00462	—	61.1390	61.1390	0.00248	0.00050	0.00000	61.3488
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00352	0.00295	0.02734	0.04277	0.00007	0.00095	0.00000	0.00095	0.00088	0.00000	0.00088	—	6.82943	6.82943	0.00028	0.00006	0.00000	6.85286
2029	0.95403	0.91963	1.56539	2.48862	0.00413	0.04840	0.00000	0.04840	0.04453	0.00000	0.04453	—	381.811	381.811	0.01549	0.00310	0.00000	383.121
2030	0.23398	0.23225	0.06558	0.09253	0.00014	0.00092	0.00000	0.00092	0.00084	0.00000	0.00084	—	10.1223	10.1223	0.00041	0.00008	0.00000	10.1570

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.41952	0.34744	0.84152	5.63934	0.00405	0.00405	1.48724	1.49129	0.00405	0.35506	0.35911	—	1,831.85	1,831.85	0.03238	0.12398	4.67606	1,874.28
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.35248	0.29451	0.78446	4.24260	0.00315	0.00315	1.21774	1.22089	0.00315	0.29045	0.29360	—	1,457.75	1,457.75	0.02796	0.09895	0.10825	1,488.04
2029	0.37223	0.34215	0.91214	4.81889	0.00405	0.00405	1.48724	1.49129	0.00405	0.35506	0.35911	—	1,764.44	1,764.44	0.03463	0.12438	0.12127	1,802.50
2030	0.06400	0.05844	0.17385	0.80848	0.00090	0.00090	0.26950	0.27040	0.00090	0.06460	0.06550	—	328.382	328.382	0.00658	0.02444	0.02082	335.851
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00412	0.00344	0.00922	0.05194	0.00004	0.00004	0.01412	0.01416	0.00004	0.00337	0.00340	—	17.2949	17.2949	0.00033	0.00116	0.02122	17.6705
2029	0.21563	0.19820	0.53097	2.93552	0.00234	0.00234	0.85509	0.85743	0.00234	0.20400	0.20634	—	1,036.28	1,036.28	0.02010	0.07191	1.17578	1,059.39
2030	0.00972	0.00887	0.02651	0.12942	0.00014	0.00014	0.04063	0.04077	0.00014	0.00973	0.00987	—	50.6012	50.6012	0.00100	0.00373	0.05278	51.7908
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00075	0.00063	0.00168	0.00948	0.00001	0.00001	0.00258	0.00258	0.00001	0.00061	0.00062	—	2.86337	2.86337	0.00005	0.00019	0.00351	2.92556
2029	0.03935	0.03617	0.09690	0.53573	0.00043	0.00043	0.15605	0.15648	0.00043	0.03723	0.03766	—	171.568	171.568	0.00333	0.01191	0.19466	175.394
2030	0.00177	0.00162	0.00484	0.02362	0.00003	0.00003	0.00741	0.00744	0.00003	0.00178	0.00180	—	8.37760	8.37760	0.00017	0.00062	0.00874	8.57456

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	9.07400	8.96094	5.96869	30.9072	0.04265	0.13495	1.48724	1.62220	0.13005	0.35506	0.48511	—	5,744.51	5,744.51	0.19110	0.15573	4.67606	5,800.37
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.90204	0.80298	3.97816	26.6224	0.03658	0.12766	1.21774	1.34540	0.12270	0.29045	0.41315	—	4,970.88	4,970.88	0.17047	0.12745	0.10825	5,013.23
2029	9.02671	8.95564	6.03931	30.0868	0.04265	0.13495	1.48724	1.62220	0.13005	0.35506	0.48511	—	5,677.10	5,677.10	0.19334	0.15612	0.12127	5,728.58
2030	8.16953	8.16397	2.11198	3.69805	0.00608	0.00795	0.26950	0.27745	0.00795	0.06460	0.07255	—	728.921	728.921	0.02283	0.02769	0.02082	737.764
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.01057	0.00941	0.04672	0.31472	0.00043	0.00150	0.01412	0.01562	0.00144	0.00337	0.00481	—	58.5450	58.5450	0.00200	0.00150	0.02122	59.0622
2029	4.65264	4.61067	3.42299	17.8008	0.02498	0.08008	0.85509	0.93517	0.07715	0.20400	0.28114	—	3,342.44	3,342.44	0.11364	0.09062	1.17578	3,373.46
2030	1.24697	1.24612	0.32235	0.57049	0.00093	0.00121	0.04063	0.04184	0.00121	0.00973	0.01095	—	111.740	111.740	0.00348	0.00423	0.05278	113.140
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00193	0.00172	0.00853	0.05744	0.00008	0.00027	0.00258	0.00285	0.00026	0.00061	0.00088	—	9.69279	9.69279	0.00033	0.00025	0.00351	9.77842
2029	0.84911	0.84145	0.62470	3.24865	0.00456	0.01462	0.15605	0.17067	0.01408	0.03723	0.05131	—	553.379	553.379	0.01882	0.01500	0.19466	558.515
2030	0.22757	0.22742	0.05883	0.10411	0.00017	0.00022	0.00741	0.00764	0.00022	0.00178	0.00200	—	18.4999	18.4999	0.00058	0.00070	0.00874	18.7315

2.2.5. Onsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	8.65448	8.61350	5.12717	25.2679	0.03860	0.13091	0.00000	0.13091	0.12600	0.00000	0.12600	—	3,912.66	3,912.66	0.15871	0.03174	0.00000	3,926.08

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.54957	0.50847	3.19370	22.3798	0.03343	0.12451	0.00000	0.12451	0.11955	0.00000	0.11955	—	3,513.13	3,513.13	0.14251	0.02850	0.00000	3,525.19
2029	8.65448	8.61350	5.12717	25.2679	0.03860	0.13091	0.00000	0.13091	0.12600	0.00000	0.12600	—	3,912.66	3,912.66	0.15871	0.03174	0.00000	3,926.08
2030	8.10553	8.10553	1.93813	2.88957	0.00518	0.00705	0.00000	0.00705	0.00705	0.00000	0.00705	—	400.539	400.539	0.01625	0.00325	0.00000	401.913
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00645	0.00597	0.03750	0.26278	0.00039	0.00146	0.00000	0.00146	0.00140	0.00000	0.00140	—	41.2501	41.2501	0.00167	0.00033	0.00000	41.3917
2029	4.43701	4.41247	2.89202	14.8653	0.02264	0.07774	0.00000	0.07774	0.07480	0.00000	0.07480	—	2,306.16	2,306.16	0.09355	0.01871	0.00000	2,314.07
2030	1.23724	1.23724	0.29584	0.44107	0.00079	0.00108	0.00000	0.00108	0.00108	0.00000	0.00108	—	61.1390	61.1390	0.00248	0.00050	0.00000	61.3488
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00118	0.00109	0.00684	0.04796	0.00007	0.00027	0.00000	0.00027	0.00026	0.00000	0.00026	—	6.82943	6.82943	0.00028	0.00006	0.00000	6.85286
2029	0.80975	0.80527	0.52779	2.71292	0.00413	0.01419	0.00000	0.01419	0.01365	0.00000	0.01365	—	381.811	381.811	0.01549	0.00310	0.00000	383.121
2030	0.22580	0.22580	0.05399	0.08050	0.00014	0.00020	0.00000	0.00020	0.00020	0.00000	0.00020	—	10.1223	10.1223	0.00041	0.00008	0.00000	10.1570

2.2.6. Offsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.41952	0.34744	0.84152	5.63934	0.00405	0.00405	1.48724	1.49129	0.00405	0.35506	0.35911	—	1,831.85	1,831.85	0.03238	0.12398	4.67606	1,874.28
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.35248	0.29451	0.78446	4.24260	0.00315	0.00315	1.21774	1.22089	0.00315	0.29045	0.29360	—	1,457.75	1,457.75	0.02796	0.09895	0.10825	1,488.04
2029	0.37223	0.34215	0.91214	4.81889	0.00405	0.00405	1.48724	1.49129	0.00405	0.35506	0.35911	—	1,764.44	1,764.44	0.03463	0.12438	0.12127	1,802.50
2030	0.06400	0.05844	0.17385	0.80848	0.00090	0.00090	0.26950	0.27040	0.00090	0.06460	0.06550	—	328.382	328.382	0.00658	0.02444	0.02082	335.851
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2028	0.00412	0.00344	0.00922	0.05194	0.00004	0.00004	0.01412	0.01416	0.00004	0.00337	0.00340	—	17.2949	17.2949	0.00033	0.00116	0.02122	17.6705
2029	0.21563	0.19820	0.53097	2.93552	0.00234	0.00234	0.85509	0.85743	0.00234	0.20400	0.20634	—	1,036.28	1,036.28	0.02010	0.07191	1.17578	1,059.39
2030	0.00972	0.00887	0.02651	0.12942	0.00014	0.00014	0.04063	0.04077	0.00014	0.00973	0.00987	—	50.6012	50.6012	0.00100	0.00373	0.05278	51.7908
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.00075	0.00063	0.00168	0.00948	0.00001	0.00001	0.00258	0.00258	0.00001	0.00061	0.00062	—	2.86337	2.86337	0.00005	0.00019	0.00351	2.92556
2029	0.03935	0.03617	0.09690	0.53573	0.00043	0.00043	0.15605	0.15648	0.00043	0.03723	0.03766	—	171.568	171.568	0.00333	0.01191	0.19466	175.394
2030	0.00177	0.00162	0.00484	0.02362	0.00003	0.00003	0.00741	0.00744	0.00003	0.00178	0.00180	—	8.37760	8.37760	0.00017	0.00062	0.00874	8.57456

3. Construction Emissions Details

3.1. Building Construction (2028)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.64153	1.37607	12.7586	19.9611	0.03343	0.44513	—	0.44513	0.40952	—	0.40952	—	3,513.13	3,513.13	0.14251	0.02850	—	3,525.19
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01927	0.01616	0.14981	0.23438	0.00039	0.00523	—	0.00523	0.00481	—	0.00481	—	41.2501	41.2501	0.00167	0.00033	—	41.3917

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00352	0.00295	0.02734	0.04277	0.00007	0.00095	—	0.00095	0.00088	—	0.00088	—	6.82943	6.82943	0.00028	0.00006	—	6.85286
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32501	0.28519	0.32593	4.02877	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,039.45	1,039.45	0.01296	0.03982	0.08084	1,051.72
Vendor	0.02747	0.00932	0.45853	0.21383	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	418.297	418.297	0.01500	0.05914	0.02742	436.322
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00379	0.00333	0.00381	0.04946	0.00000	0.00000	0.01273	0.01273	0.00000	0.00298	0.00298	—	12.3851	12.3851	0.00015	0.00047	0.01588	12.5441
Vendor	0.00033	0.00011	0.00541	0.00248	0.00004	0.00004	0.00139	0.00143	0.00004	0.00038	0.00042	—	4.90982	4.90982	0.00018	0.00069	0.00534	5.12648
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00069	0.00061	0.00069	0.00903	0.00000	0.00000	0.00232	0.00232	0.00000	0.00054	0.00054	—	2.05049	2.05049	0.00003	0.00008	0.00263	2.07681
Vendor	0.00006	0.00002	0.00099	0.00045	0.00001	0.00001	0.00025	0.00026	0.00001	0.00007	0.00008	—	0.81288	0.81288	0.00003	0.00011	0.00088	0.84875
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54957	0.50847	3.19370	22.3798	0.03343	0.12451	—	0.12451	0.11955	—	0.11955	—	3,513.13	3,513.13	0.14251	0.02850	—	3,525.19
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00645	0.00597	0.03750	0.26278	0.00039	0.00146	—	0.00146	0.00140	—	0.00140	—	41.2501	41.2501	0.00167	0.00033	—	41.3917
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00118	0.00109	0.00684	0.04796	0.00007	0.00027	—	0.00027	0.00026	—	0.00026	—	6.82943	6.82943	0.00028	0.00006	—	6.85286
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32501	0.28519	0.32593	4.02877	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,039.45	1,039.45	0.01296	0.03982	0.08084	1,051.72
Vendor	0.02747	0.00932	0.45853	0.21383	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	418.297	418.297	0.01500	0.05914	0.02742	436.322
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00379	0.00333	0.00381	0.04946	0.00000	0.00000	0.01273	0.01273	0.00000	0.00298	0.00298	—	12.3851	12.3851	0.00015	0.00047	0.01588	12.5441
Vendor	0.00033	0.00011	0.00541	0.00248	0.00004	0.00004	0.00139	0.00143	0.00004	0.00038	0.00042	—	4.90982	4.90982	0.00018	0.00069	0.00534	5.12648
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00069	0.00061	0.00069	0.00903	0.00000	0.00000	0.00232	0.00232	0.00000	0.00054	0.00054	—	2.05049	2.05049	0.00003	0.00008	0.00263	2.07681
Vendor	0.00006	0.00002	0.00099	0.00045	0.00001	0.00001	0.00025	0.00026	0.00001	0.00007	0.00008	—	0.81288	0.81288	0.00003	0.00011	0.00088	0.84875
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Building Construction (2029)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60829	1.34815	12.3073	19.9476	0.03342	0.41025	—	0.41025	0.37743	—	0.37743	—	3,512.13	3,512.13	0.14247	0.02849	—	3,524.18

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60829	1.34815	12.3073	19.9476	0.03342	0.41025	—	0.41025	0.37743	—	0.37743	—	3,512.13	3,512.13	0.14247	0.02849	—	3,524.18
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96309	0.80731	7.36993	11.9452	0.02001	0.24567	—	0.24567	0.22602	—	0.22602	—	2,103.15	2,103.15	0.08531	0.01706	—	2,110.37
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17576	0.14733	1.34501	2.17999	0.00365	0.04483	—	0.04483	0.04125	—	0.04125	—	348.201	348.201	0.01412	0.00282	—	349.396
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31575	0.27593	0.25000	4.43063	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,077.66	1,077.66	0.01111	0.03982	2.79742	1,092.60
Vendor	0.02809	0.00963	0.41840	0.20167	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	406.987	406.987	0.01469	0.05883	0.99493	425.880

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27778	0.27223	0.28797	3.75006	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,021.87	1,021.87	0.01296	0.03982	0.07251	1,034.13
Vendor	0.02716	0.00901	0.43748	0.20630	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	407.245	407.245	0.01469	0.05914	0.02584	425.261
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16523	0.16191	0.17244	2.35653	0.00000	0.00000	0.64921	0.64921	0.00000	0.15204	0.15204	—	620.927	620.927	0.00776	0.02384	0.72463	628.951
Vendor	0.01645	0.00558	0.26352	0.12206	0.00189	0.00189	0.07097	0.07285	0.00189	0.01963	0.02151	—	243.779	243.779	0.00880	0.03523	0.25746	254.755
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03016	0.02955	0.03147	0.43007	0.00000	0.00000	0.11848	0.11848	0.00000	0.02775	0.02775	—	102.802	102.802	0.00129	0.00395	0.11997	104.130
Vendor	0.00300	0.00102	0.04809	0.02228	0.00034	0.00034	0.01295	0.01330	0.00034	0.00358	0.00393	—	40.3605	40.3605	0.00146	0.00583	0.04262	42.1776
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54895	0.50797	3.18904	22.3783	0.03342	0.12386	—	0.12386	0.11895	—	0.11895	—	3,512.13	3,512.13	0.14247	0.02849	—	3,524.18
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.54895	0.50797	3.18904	22.3783	0.03342	0.12386	—	0.12386	0.11895	—	0.11895	—	3,512.13	3,512.13	0.14247	0.02849	—	3,524.18
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.32873	0.30418	1.90968	13.4007	0.02001	0.07417	—	0.07417	0.07123	—	0.07123	—	2,103.15	2,103.15	0.08531	0.01706	—	2,110.37
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.05999	0.05551	0.34852	2.44563	0.00365	0.01354	—	0.01354	0.01300	—	0.01300	—	348.201	348.201	0.01412	0.00282	—	349.396
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31575	0.27593	0.25000	4.43063	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,077.66	1,077.66	0.01111	0.03982	2.79742	1,092.60
Vendor	0.02809	0.00963	0.41840	0.20167	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	406.987	406.987	0.01469	0.05883	0.99493	425.880
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27778	0.27223	0.28797	3.75006	0.00000	0.00000	1.09796	1.09796	0.00000	0.25736	0.25736	—	1,021.87	1,021.87	0.01296	0.03982	0.07251	1,034.13
Vendor	0.02716	0.00901	0.43748	0.20630	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	407.245	407.245	0.01469	0.05914	0.02584	425.261

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16523	0.16191	0.17244	2.35653	0.00000	0.00000	0.64921	0.64921	0.00000	0.15204	0.15204	—	620.927	620.927	0.00776	0.02384	0.72463	628.951
Vendor	0.01645	0.00558	0.26352	0.12206	0.00189	0.00189	0.07097	0.07285	0.00189	0.01963	0.02151	—	243.779	243.779	0.00880	0.03523	0.25746	254.755
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03016	0.02955	0.03147	0.43007	0.00000	0.00000	0.11848	0.11848	0.00000	0.02775	0.02775	—	102.802	102.802	0.00129	0.00395	0.11997	104.130
Vendor	0.00300	0.00102	0.04809	0.02228	0.00034	0.00034	0.01295	0.01330	0.00034	0.00358	0.00393	—	40.3605	40.3605	0.00146	0.00583	0.04262	42.1776
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Architectural Coating (2029)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37155	0.30707	2.38247	3.33647	0.00518	0.03852	—	0.03852	0.03544	—	0.03544	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.37155	0.30707	2.38247	3.33647	0.00518	0.03852	—	0.03852	0.03544	—	0.03544	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18832	0.15564	1.20755	1.69109	0.00262	0.01953	—	0.01953	0.01796	—	0.01796	—	203.008	203.008	0.00823	0.00165	—	203.705
Architectural Coatings	4.07613	4.07613	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03437	0.02840	0.22038	0.30862	0.00048	0.00356	—	0.00356	0.00328	—	0.00328	—	33.6103	33.6103	0.00136	0.00027	—	33.7256
Architectural Coatings	0.74389	0.74389	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06766	0.05913	0.05357	0.94942	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	230.926	230.926	0.00238	0.00853	0.59945	234.128
Vendor	0.00802	0.00275	0.11954	0.05762	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.282	116.282	0.00420	0.01681	0.28426	121.680
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05952	0.05833	0.06171	0.80358	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	218.972	218.972	0.00278	0.00853	0.01554	221.600
Vendor	0.00776	0.00257	0.12499	0.05894	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.356	116.356	0.00420	0.01690	0.00738	121.503
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02997	0.02937	0.03128	0.42741	0.00000	0.00000	0.11775	0.11775	0.00000	0.02758	0.02758	—	112.619	112.619	0.00141	0.00432	0.13143	114.074
Vendor	0.00398	0.00135	0.06373	0.02952	0.00046	0.00046	0.01716	0.01762	0.00046	0.00475	0.00520	—	58.9532	58.9532	0.00213	0.00852	0.06226	61.6074
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00547	0.00536	0.00571	0.07800	0.00000	0.00000	0.02149	0.02149	0.00000	0.00503	0.00503	—	18.6454	18.6454	0.00023	0.00072	0.02176	18.8863
Vendor	0.00073	0.00025	0.01163	0.00539	0.00008	0.00008	0.00313	0.00322	0.00008	0.00087	0.00095	—	9.76038	9.76038	0.00035	0.00141	0.01031	10.1998
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.529	400.529	0.01625	0.00325	—	401.904

Architect Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.529	400.529	0.01625	0.00325	—	401.904
Architectural Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03215	0.03215	0.98234	1.46458	0.00262	0.00357	—	0.00357	0.00357	—	0.00357	—	203.008	203.008	0.00823	0.00165	—	203.705
Architectural Coatings	4.07613	4.07613	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00587	0.00587	0.17928	0.26729	0.00048	0.00065	—	0.00065	0.00065	—	0.00065	—	33.6103	33.6103	0.00136	0.00027	—	33.7256
Architectural Coatings	0.74389	0.74389	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06766	0.05913	0.05357	0.94942	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	230.926	230.926	0.00238	0.00853	0.59945	234.128
Vendor	0.00802	0.00275	0.11954	0.05762	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.282	116.282	0.00420	0.01681	0.28426	121.680
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05952	0.05833	0.06171	0.80358	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	218.972	218.972	0.00278	0.00853	0.01554	221.600
Vendor	0.00776	0.00257	0.12499	0.05894	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	116.356	116.356	0.00420	0.01690	0.00738	121.503
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02997	0.02937	0.03128	0.42741	0.00000	0.00000	0.11775	0.11775	0.00000	0.02758	0.02758	—	112.619	112.619	0.00141	0.00432	0.13143	114.074
Vendor	0.00398	0.00135	0.06373	0.02952	0.00046	0.00046	0.01716	0.01762	0.00046	0.00475	0.00520	—	58.9532	58.9532	0.00213	0.00852	0.06226	61.6074
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00547	0.00536	0.00571	0.07800	0.00000	0.00000	0.02149	0.02149	0.00000	0.00503	0.00503	—	18.6454	18.6454	0.00023	0.00072	0.02176	18.8863
Vendor	0.00073	0.00025	0.01163	0.00539	0.00008	0.00008	0.00313	0.00322	0.00008	0.00087	0.00095	—	9.76038	9.76038	0.00035	0.00141	0.01031	10.1998
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Architectural Coating (2030)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35716	0.29517	2.35419	3.32156	0.00518	0.03291	—	0.03291	0.03027	—	0.03027	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05452	0.04506	0.35935	0.50701	0.00079	0.00502	—	0.00502	0.00462	—	0.00462	—	61.1390	61.1390	0.00248	0.00050	—	61.3488
Architectural Coatings	1.22756	1.22756	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00995	0.00822	0.06558	0.09253	0.00014	0.00092	—	0.00092	0.00084	—	0.00084	—	10.1223	10.1223	0.00041	0.00008	—	10.1570

Architect Coatings	0.22403	0.22403	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05714	0.05595	0.05397	0.75160	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	215.436	215.436	0.00238	0.00853	0.01386	218.051
Vendor	0.00686	0.00249	0.11988	0.05688	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.947	112.947	0.00420	0.01591	0.00696	117.799
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00866	0.00848	0.00824	0.12084	0.00000	0.00000	0.03546	0.03546	0.00000	0.00830	0.00830	—	33.3675	33.3675	0.00036	0.00130	0.03509	33.7998
Vendor	0.00106	0.00039	0.01827	0.00857	0.00014	0.00014	0.00517	0.00531	0.00014	0.00143	0.00157	—	17.2337	17.2337	0.00064	0.00243	0.01769	17.9910
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00158	0.00155	0.00150	0.02205	0.00000	0.00000	0.00647	0.00647	0.00000	0.00152	0.00152	—	5.52437	5.52437	0.00006	0.00022	0.00581	5.59594
Vendor	0.00019	0.00007	0.00334	0.00156	0.00003	0.00003	0.00094	0.00097	0.00003	0.00026	0.00029	—	2.85323	2.85323	0.00011	0.00040	0.00293	2.97862
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	8.04210	8.04210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00968	0.00968	0.29584	0.44107	0.00079	0.00108	—	0.00108	0.00108	—	0.00108	—	61.1390	61.1390	0.00248	0.00050	—	61.3488
Architectural Coatings	1.22756	1.22756	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00177	0.00177	0.05399	0.08050	0.00014	0.00020	—	0.00020	0.00020	—	0.00020	—	10.1223	10.1223	0.00041	0.00008	—	10.1570
Architectural Coatings	0.22403	0.22403	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05714	0.05595	0.05397	0.75160	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	215.436	215.436	0.00238	0.00853	0.01386	218.051
Vendor	0.00686	0.00249	0.11988	0.05688	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.947	112.947	0.00420	0.01591	0.00696	117.799
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00866	0.00848	0.00824	0.12084	0.00000	0.00000	0.03546	0.03546	0.00000	0.00830	0.00830	—	33.3675	33.3675	0.00036	0.00130	0.03509	33.7998
Vendor	0.00106	0.00039	0.01827	0.00857	0.00014	0.00014	0.00517	0.00531	0.00014	0.00143	0.00157	—	17.2337	17.2337	0.00064	0.00243	0.01769	17.9910
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00158	0.00155	0.00150	0.02205	0.00000	0.00000	0.00647	0.00647	0.00000	0.00152	0.00152	—	5.52437	5.52437	0.00006	0.00022	0.00581	5.59594
Vendor	0.00019	0.00007	0.00334	0.00156	0.00003	0.00003	0.00094	0.00097	0.00003	0.00026	0.00029	—	2.85323	2.85323	0.00011	0.00040	0.00293	2.97862
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/26/2028	11/2/2029	5.00000	224.000	—
Architectural Coating	Architectural Coating	4/17/2029	3/19/2030	5.00000	241.000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	6.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	2.00000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Average	3.00000	6.00000	37.0000	0.48000

5.2.2. Mitigated

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

Building Construction	Cranes	Diesel	Tier 4 Final	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Tier 4 Final	6.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	2.00000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Worker	84.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Worker	84.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT

Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	627,051	209,017	0.00000	0.00000	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00000	531.983	0.03300	0.00400
2029	0.00000	531.983	0.03300	0.00400
2030	0.00000	531.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006

AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000
Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2

Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1

Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000
Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	114 homes on 18 acres
Construction: Construction Phases	Applicant provided schedule.
Construction: Off-Road Equipment	Equipment revised based on applicant information and increased due to shorter construction schedule compared to default.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips
Operations: Hearths	no woodburning or natural gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.8000	18.0000
Building Area	sq. ft	120,840	309,655
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Building Construction	Building Construction	Start Date	3/23/2029	12/26/2028
Building Construction	Building Construction	End Date	5/17/2030	11/2/2029
Building Construction	Building Construction	Work Days per Phase	300.000	224.000
Architectural Coating	Architectural Coating	Start Date	6/16/2030	4/17/2029
Architectural Coating	Architectural Coating	End Date	7/14/2030	3/19/2030

Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	241.000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Building Construction	Forklifts	Number per Day	3.00000	6.00000
Building Construction	Generator Sets	Number per Day	1.000000	2.00000
Building Construction	Tractors/Loaders/Backhoes	Number per Day	3.00000	6.00000
Architectural Coating	Air Compressors	Number per Day	1.000000	3.00000

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Building Construction	Worker	One-Way Trips per Day	82.0800	84.0000
Building Construction	Vendor	One-Way Trips per Day	12.1866	14.0000
Architectural Coating	Worker	One-Way Trips per Day	16.4160	18.0000

Belcaro at Sand Canyon Phase 3 Home Building Regional Construction Detailed Report

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3.2.1. Onsite - Unmitigated

3.2.2. Offsite - Unmitigated

3.2.3. Onsite - Mitigated

3.2.4. Offsite - Mitigated

3.3. Building Construction (2031)

3.3.1. Onsite - Unmitigated

3.3.2. Offsite - Unmitigated

3.3.3. Onsite - Mitigated

3.3.4. Offsite - Mitigated

3.4. Architectural Coating (2030)

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 3 Home Building Regional Construction
Construction Start Date	12/11/2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.44

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	113.000	Dwelling Unit	21.3000	306,938	408,059	0.00000	334.000	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.64129	9.39853	10.3208	19.8085	0.02994	0.28047	1.46110	1.74157	0.25835	0.34893	0.60728	—	4,359.92	4,359.92	0.13717	0.14000	4.17256	4,409.24
Mit.	8.70344	8.65708	4.51404	21.4173	0.02994	0.08097	1.46110	1.54207	0.07854	0.34893	0.42747	—	4,359.92	4,359.92	0.13717	0.14000	4.17256	4,409.24
% Reduced	10%	8%	56%	-8%	—	71%	—	11%	70%	—	30%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.63649	9.39333	10.3905	19.0362	0.02994	0.28047	1.46110	1.74157	0.25835	0.34893	0.60728	—	4,295.02	4,295.02	0.13717	0.14000	0.10830	4,340.28
Mit.	8.69863	8.65188	4.58376	20.6450	0.02994	0.08097	1.46110	1.54207	0.07854	0.34893	0.42747	—	4,295.02	4,295.02	0.13717	0.14000	0.10830	4,340.28
% Reduced	10%	8%	56%	-8%	—	71%	—	11%	70%	—	30%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.38738	5.22572	6.97109	13.0116	0.02030	0.19431	0.98332	1.17764	0.17899	0.23465	0.41364	—	2,949.92	2,949.92	0.09392	0.09507	1.22327	2,981.82
Mit.	4.76979	4.73738	2.89752	14.2377	0.02030	0.05642	0.98332	1.03974	0.05468	0.23465	0.28933	—	2,949.92	2,949.92	0.09392	0.09507	1.22327	2,981.82
% Reduced	11%	9%	58%	-9%	—	71%	—	12%	69%	—	30%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.98320	0.95369	1.27222	2.37462	0.00371	0.03546	0.17946	0.21492	0.03267	0.04282	0.07549	—	488.393	488.393	0.01555	0.01574	0.20253	493.675
Mit.	0.87049	0.86457	0.52880	2.59838	0.00371	0.01030	0.17946	0.18975	0.00998	0.04282	0.05280	—	488.393	488.393	0.01555	0.01574	0.20253	493.675
% Reduced	11%	9%	58%	-9%	—	71%	—	12%	69%	—	30%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	9.64129	9.39853	10.3208	19.8085	0.02994	0.28047	1.46110	1.74157	0.25835	0.34893	0.60728	—	4,359.92	4,359.92	0.13717	0.14000	4.17256	4,409.24

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	1.28005	1.09804	8.09081	15.1595	0.02386	0.25930	1.19160	1.45090	0.23881	0.28433	0.52313	—	3,594.14	3,594.14	0.11616	0.11577	0.09662	3,631.64
2030	9.63649	9.39333	10.3905	19.0362	0.02994	0.28047	1.46110	1.74157	0.25835	0.34893	0.60728	—	4,295.02	4,295.02	0.13717	0.14000	0.10830	4,340.28
2031	9.58874	9.31298	10.0809	18.7320	0.02994	0.26135	1.46110	1.72245	0.24077	0.34893	0.58970	—	4,260.40	4,260.40	0.13678	0.14000	0.09776	4,305.63
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.05254	0.04506	0.33261	0.63032	0.00098	0.01066	0.04836	0.05902	0.00981	0.01153	0.02135	—	148.301	148.301	0.00477	0.00474	0.06621	149.901
2030	5.38738	5.22572	6.97109	13.0116	0.02030	0.19431	0.98332	1.17764	0.17899	0.23465	0.41364	—	2,949.92	2,949.92	0.09392	0.09507	1.22327	2,981.82
2031	1.14696	1.11867	1.02000	1.89726	0.00299	0.02541	0.14336	0.16877	0.02341	0.03422	0.05763	—	423.083	423.083	0.01352	0.01396	0.16221	427.744
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00959	0.00822	0.06070	0.11503	0.00018	0.00194	0.00883	0.01077	0.00179	0.00210	0.00390	—	24.5530	24.5530	0.00079	0.00079	0.01096	24.8178
2030	0.98320	0.95369	1.27222	2.37462	0.00371	0.03546	0.17946	0.21492	0.03267	0.04282	0.07549	—	488.393	488.393	0.01555	0.01574	0.20253	493.675
2031	0.20932	0.20416	0.18615	0.34625	0.00055	0.00464	0.02616	0.03080	0.00427	0.00625	0.01052	—	70.0463	70.0463	0.00224	0.00231	0.02686	70.8180

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	9.28815	9.07128	9.55120	14.6047	0.02589	0.27642	0.00000	0.27642	0.25431	0.00000	0.25431	—	2,589.89	2,589.89	0.10506	0.02101	0.00000	2,598.78
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.98172	0.82328	7.37223	11.2924	0.02071	0.25615	0.00000	0.25615	0.23566	0.00000	0.23566	—	2,189.35	2,189.35	0.08881	0.01776	0.00000	2,196.87
2030	9.28815	9.07128	9.55120	14.6047	0.02589	0.27642	0.00000	0.27642	0.25431	0.00000	0.25431	—	2,589.89	2,589.89	0.10506	0.02101	0.00000	2,598.78
2031	9.25663	9.04495	9.26645	14.5597	0.02589	0.25730	0.00000	0.25730	0.23672	0.00000	0.23672	—	2,589.91	2,589.91	0.10506	0.02101	0.00000	2,598.79
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2029	0.04034	0.03383	0.30297	0.46407	0.00085	0.01053	0.00000	0.01053	0.00968	0.00000	0.00968	—	89.9735	89.9735	0.00365	0.00073	0.00000	90.2822
2030	5.15120	5.00734	6.40305	9.84043	0.01757	0.19158	0.00000	0.19158	0.17626	0.00000	0.17626	—	1,778.60	1,778.60	0.07215	0.01443	0.00000	1,784.70
2031	1.11367	1.09202	0.93885	1.46481	0.00258	0.02500	0.00000	0.02500	0.02300	0.00000	0.02300	—	255.037	255.037	0.01035	0.00207	0.00000	255.912
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00736	0.00617	0.05529	0.08469	0.00016	0.00192	0.00000	0.00192	0.00177	0.00000	0.00177	—	14.8961	14.8961	0.00060	0.00012	0.00000	14.9473
2030	0.94009	0.91384	1.16856	1.79588	0.00321	0.03496	0.00000	0.03496	0.03217	0.00000	0.03217	—	294.467	294.467	0.01194	0.00239	0.00000	295.477
2031	0.20324	0.19929	0.17134	0.26733	0.00047	0.00456	0.00000	0.00456	0.00420	0.00000	0.00420	—	42.2242	42.2242	0.00171	0.00034	0.00000	42.3691

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.35315	0.32725	0.76956	5.20379	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,770.03	1,770.03	0.03212	0.11899	4.17256	1,810.46
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.29833	0.27476	0.71859	3.86708	0.00315	0.00315	1.19160	1.19475	0.00315	0.28433	0.28747	—	1,404.78	1,404.78	0.02735	0.09800	0.09662	1,434.77
2030	0.34834	0.32204	0.83928	4.43151	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,705.13	1,705.13	0.03212	0.11899	0.10830	1,741.49
2031	0.33211	0.26803	0.81446	4.17236	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,670.49	1,670.49	0.03172	0.11899	0.09776	1,706.84
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01220	0.01123	0.02964	0.16625	0.00013	0.00013	0.04836	0.04849	0.00013	0.01153	0.01166	—	58.3280	58.3280	0.00112	0.00401	0.06621	59.6188
2030	0.23618	0.21839	0.56805	3.17116	0.00273	0.00273	0.98332	0.98606	0.00273	0.23465	0.23738	—	1,171.33	1,171.33	0.02177	0.08064	1.22327	1,197.12
2031	0.03329	0.02665	0.08116	0.43244	0.00041	0.00041	0.14336	0.14377	0.00041	0.03422	0.03463	—	168.047	168.047	0.00317	0.01189	0.16221	171.833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00223	0.00205	0.00541	0.03034	0.00002	0.00002	0.00883	0.00885	0.00002	0.00210	0.00213	—	9.65687	9.65687	0.00019	0.00066	0.01096	9.87056
2030	0.04310	0.03986	0.10367	0.57874	0.00050	0.00050	0.17946	0.17996	0.00050	0.04282	0.04332	—	193.927	193.927	0.00360	0.01335	0.20253	198.198
2031	0.00607	0.00486	0.01481	0.07892	0.00007	0.00007	0.02616	0.02624	0.00007	0.00625	0.00632	—	27.8220	27.8220	0.00052	0.00197	0.02686	28.4488

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	8.70344	8.65708	4.51404	21.4173	0.02994	0.08097	1.46110	1.54207	0.07854	0.34893	0.42747	—	4,359.92	4,359.92	0.13717	0.14000	4.17256	4,409.24
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.61387	0.56980	2.52663	17.1914	0.02386	0.07329	1.19160	1.26489	0.07084	0.28433	0.35516	—	3,594.14	3,594.14	0.11616	0.11577	0.09662	3,631.64
2030	8.69863	8.65188	4.58376	20.6450	0.02994	0.08097	1.46110	1.54207	0.07854	0.34893	0.42747	—	4,295.02	4,295.02	0.13717	0.14000	0.10830	4,340.28
2031	8.68226	8.59775	4.55773	20.3858	0.02994	0.08075	1.46110	1.54185	0.07834	0.34893	0.42727	—	4,260.40	4,260.40	0.13678	0.14000	0.09776	4,305.63
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.02517	0.02335	0.10394	0.71383	0.00098	0.00301	0.04836	0.05138	0.00291	0.01153	0.01444	—	148.301	148.301	0.00477	0.00474	0.06621	149.901
2030	4.76979	4.73738	2.89752	14.2377	0.02030	0.05642	0.98332	1.03974	0.05468	0.23465	0.28933	—	2,949.92	2,949.92	0.09392	0.09507	1.22327	2,981.82
2031	1.05351	1.04495	0.48967	2.04025	0.00299	0.00782	0.14336	0.15118	0.00759	0.03422	0.04182	—	423.083	423.083	0.01352	0.01396	0.16221	427.744
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00459	0.00426	0.01897	0.13027	0.00018	0.00055	0.00883	0.00938	0.00053	0.00210	0.00264	—	24.5530	24.5530	0.00079	0.00079	0.01096	24.8178
2030	0.87049	0.86457	0.52880	2.59838	0.00371	0.01030	0.17946	0.18975	0.00998	0.04282	0.05280	—	488.393	488.393	0.01555	0.01574	0.20253	493.675
2031	0.19226	0.19070	0.08936	0.37234	0.00055	0.00143	0.02616	0.02759	0.00139	0.00625	0.00763	—	70.0463	70.0463	0.00224	0.00231	0.02686	70.8180

2.2.5. Onsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	8.35029	8.32983	3.74447	16.2135	0.02589	0.07692	0.00000	0.07692	0.07449	0.00000	0.07449	—	2,589.89	2,589.89	0.10506	0.02101	0.00000	2,598.78

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.31554	0.29504	1.80804	13.3244	0.02071	0.07014	0.00000	0.07014	0.06769	0.00000	0.06769	—	2,189.35	2,189.35	0.08881	0.01776	0.00000	2,196.87
2030	8.35029	8.32983	3.74447	16.2135	0.02589	0.07692	0.00000	0.07692	0.07449	0.00000	0.07449	—	2,589.89	2,589.89	0.10506	0.02101	0.00000	2,598.78
2031	8.35015	8.32972	3.74328	16.2134	0.02589	0.07671	0.00000	0.07671	0.07429	0.00000	0.07429	—	2,589.91	2,589.91	0.10506	0.02101	0.00000	2,598.79
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01297	0.01213	0.07430	0.54758	0.00085	0.00288	0.00000	0.00288	0.00278	0.00000	0.00278	—	89.9735	89.9735	0.00365	0.00073	0.00000	90.2822
2030	4.53361	4.51900	2.32948	11.0665	0.01757	0.05369	0.00000	0.05369	0.05195	0.00000	0.05195	—	1,778.60	1,778.60	0.07215	0.01443	0.00000	1,784.70
2031	1.02022	1.01830	0.40851	1.60780	0.00258	0.00741	0.00000	0.00741	0.00719	0.00000	0.00719	—	255.037	255.037	0.01035	0.00207	0.00000	255.912
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00237	0.00221	0.01356	0.09993	0.00016	0.00053	0.00000	0.00053	0.00051	0.00000	0.00051	—	14.8961	14.8961	0.00060	0.00012	0.00000	14.9473
2030	0.82738	0.82472	0.42513	2.01964	0.00321	0.00980	0.00000	0.00980	0.00948	0.00000	0.00948	—	294.467	294.467	0.01194	0.00239	0.00000	295.477
2031	0.18619	0.18584	0.07455	0.29342	0.00047	0.00135	0.00000	0.00135	0.00131	0.00000	0.00131	—	42.2242	42.2242	0.00171	0.00034	0.00000	42.3691

2.2.6. Offsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	0.35315	0.32725	0.76956	5.20379	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,770.03	1,770.03	0.03212	0.11899	4.17256	1,810.46
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.29833	0.27476	0.71859	3.86708	0.00315	0.00315	1.19160	1.19475	0.00315	0.28433	0.28747	—	1,404.78	1,404.78	0.02735	0.09800	0.09662	1,434.77
2030	0.34834	0.32204	0.83928	4.43151	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,705.13	1,705.13	0.03212	0.11899	0.10830	1,741.49
2031	0.33211	0.26803	0.81446	4.17236	0.00405	0.00405	1.46110	1.46515	0.00405	0.34893	0.35298	—	1,670.49	1,670.49	0.03172	0.11899	0.09776	1,706.84
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2029	0.01220	0.01123	0.02964	0.16625	0.00013	0.00013	0.04836	0.04849	0.00013	0.01153	0.01166	—	58.3280	58.3280	0.00112	0.00401	0.06621	59.6188
2030	0.23618	0.21839	0.56805	3.17116	0.00273	0.00273	0.98332	0.98606	0.00273	0.23465	0.23738	—	1,171.33	1,171.33	0.02177	0.08064	1.22327	1,197.12
2031	0.03329	0.02665	0.08116	0.43244	0.00041	0.00041	0.14336	0.14377	0.00041	0.03422	0.03463	—	168.047	168.047	0.00317	0.01189	0.16221	171.833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.00223	0.00205	0.00541	0.03034	0.00002	0.00002	0.00883	0.00885	0.00002	0.00210	0.00213	—	9.65687	9.65687	0.00019	0.00066	0.01096	9.87056
2030	0.04310	0.03986	0.10367	0.57874	0.00050	0.00050	0.17946	0.17996	0.00050	0.04282	0.04332	—	193.927	193.927	0.00360	0.01335	0.20253	198.198
2031	0.00607	0.00486	0.01481	0.07892	0.00007	0.00007	0.02616	0.02624	0.00007	0.00625	0.00632	—	27.8220	27.8220	0.00052	0.00197	0.02686	28.4488

3. Construction Emissions Details

3.1. Building Construction (2029)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98172	0.82328	7.37223	11.2924	0.02071	0.25615	—	0.25615	0.23566	—	0.23566	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04034	0.03383	0.30297	0.46407	0.00085	0.01053	—	0.01053	0.00968	—	0.00968	—	89.9735	89.9735	0.00365	0.00073	—	90.2822

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00736	0.00617	0.05529	0.08469	0.00016	0.00192	—	0.00192	0.00177	—	0.00177	—	14.8961	14.8961	0.00060	0.00012	—	14.9473
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27117	0.26575	0.28111	3.66078	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	997.540	997.540	0.01265	0.03887	0.07078	1,009.51
Vendor	0.02716	0.00901	0.43748	0.20630	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	407.245	407.245	0.01469	0.05914	0.02584	425.261
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01107	0.01085	0.01155	0.15787	0.00000	0.00000	0.04349	0.04349	0.00000	0.01019	0.01019	—	41.5980	41.5980	0.00052	0.00160	0.04855	42.1356
Vendor	0.00113	0.00038	0.01809	0.00838	0.00013	0.00013	0.00487	0.00500	0.00013	0.00135	0.00148	—	16.7300	16.7300	0.00060	0.00242	0.01767	17.4832
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00202	0.00198	0.00211	0.02881	0.00000	0.00000	0.00794	0.00794	0.00000	0.00186	0.00186	—	6.88703	6.88703	0.00009	0.00026	0.00804	6.97603
Vendor	0.00021	0.00007	0.00330	0.00153	0.00002	0.00002	0.00089	0.00091	0.00002	0.00025	0.00027	—	2.76984	2.76984	0.00010	0.00040	0.00293	2.89454
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31554	0.29504	1.80804	13.3244	0.02071	0.07014	—	0.07014	0.06769	—	0.06769	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01297	0.01213	0.07430	0.54758	0.00085	0.00288	—	0.00288	0.00278	—	0.00278	—	89.9735	89.9735	0.00365	0.00073	—	90.2822
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00237	0.00221	0.01356	0.09993	0.00016	0.00053	—	0.00053	0.00051	—	0.00051	—	14.8961	14.8961	0.00060	0.00012	—	14.9473
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27117	0.26575	0.28111	3.66078	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	997.540	997.540	0.01265	0.03887	0.07078	1,009.51
Vendor	0.02716	0.00901	0.43748	0.20630	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	407.245	407.245	0.01469	0.05914	0.02584	425.261
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01107	0.01085	0.01155	0.15787	0.00000	0.00000	0.04349	0.04349	0.00000	0.01019	0.01019	—	41.5980	41.5980	0.00052	0.00160	0.04855	42.1356
Vendor	0.00113	0.00038	0.01809	0.00838	0.00013	0.00013	0.00487	0.00500	0.00013	0.00135	0.00148	—	16.7300	16.7300	0.00060	0.00242	0.01767	17.4832
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00202	0.00198	0.00211	0.02881	0.00000	0.00000	0.00794	0.00794	0.00000	0.00186	0.00186	—	6.88703	6.88703	0.00009	0.00026	0.00804	6.97603
Vendor	0.00021	0.00007	0.00330	0.00153	0.00002	0.00002	0.00089	0.00091	0.00002	0.00025	0.00027	—	2.76984	2.76984	0.00010	0.00040	0.00293	2.89454
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Building Construction (2030)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95945	0.80458	7.19701	11.2832	0.02071	0.24351	—	0.24351	0.22403	—	0.22403	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95945	0.80458	7.19701	11.2832	0.02071	0.24351	—	0.24351	0.22403	—	0.22403	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68532	0.57470	5.14072	8.05940	0.01480	0.17394	—	0.17394	0.16002	—	0.16002	—	1,563.82	1,563.82	0.06344	0.01269	—	1,569.19
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12507	0.10488	0.93818	1.47084	0.00270	0.03174	—	0.03174	0.02920	—	0.02920	—	258.909	258.909	0.01050	0.00210	—	259.798
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26394	0.25851	0.20880	4.06211	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	1,034.93	1,034.93	0.01085	0.03887	2.42952	1,049.21
Vendor	0.02432	0.00932	0.40050	0.19445	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	395.047	395.047	0.01469	0.05568	0.94090	412.948

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26032	0.25490	0.24586	3.42396	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	981.429	981.429	0.01085	0.03887	0.06313	993.346
Vendor	0.02401	0.00870	0.41957	0.19908	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	395.314	395.314	0.01469	0.05568	0.02436	412.298
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18465	0.18078	0.17561	2.57610	0.00000	0.00000	0.75595	0.75595	0.00000	0.17704	0.17704	—	711.317	711.317	0.00775	0.02776	0.74812	720.532
Vendor	0.01737	0.00644	0.29930	0.14043	0.00225	0.00225	0.08465	0.08690	0.00225	0.02341	0.02566	—	282.257	282.257	0.01049	0.03977	0.28973	294.661
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03370	0.03299	0.03205	0.47014	0.00000	0.00000	0.13796	0.13796	0.00000	0.03231	0.03231	—	117.767	117.767	0.00128	0.00460	0.12386	119.292
Vendor	0.00317	0.00117	0.05462	0.02563	0.00041	0.00041	0.01545	0.01586	0.00041	0.00427	0.00468	—	46.7308	46.7308	0.00174	0.00658	0.04797	48.7845
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31532	0.29487	1.80635	13.3240	0.02071	0.06987	—	0.06987	0.06744	—	0.06744	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.31532	0.29487	1.80635	13.3240	0.02071	0.06987	—	0.06987	0.06744	—	0.06744	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.22523	0.21062	1.29025	9.51712	0.01480	0.04991	—	0.04991	0.04817	—	0.04817	—	1,563.82	1,563.82	0.06344	0.01269	—	1,569.19
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.04110	0.03844	0.23547	1.73687	0.00270	0.00911	—	0.00911	0.00879	—	0.00879	—	258.909	258.909	0.01050	0.00210	—	259.798
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26394	0.25851	0.20880	4.06211	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	1,034.93	1,034.93	0.01085	0.03887	2.42952	1,049.21
Vendor	0.02432	0.00932	0.40050	0.19445	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	395.047	395.047	0.01469	0.05568	0.94090	412.948
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26032	0.25490	0.24586	3.42396	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	981.429	981.429	0.01085	0.03887	0.06313	993.346
Vendor	0.02401	0.00870	0.41957	0.19908	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	395.314	395.314	0.01469	0.05568	0.02436	412.298

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18465	0.18078	0.17561	2.57610	0.00000	0.00000	0.75595	0.75595	0.00000	0.17704	0.17704	—	711.317	711.317	0.00775	0.02776	0.74812	720.532
Vendor	0.01737	0.00644	0.29930	0.14043	0.00225	0.00225	0.08465	0.08690	0.00225	0.02341	0.02566	—	282.257	282.257	0.01049	0.03977	0.28973	294.661
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03370	0.03299	0.03205	0.47014	0.00000	0.00000	0.13796	0.13796	0.00000	0.03231	0.03231	—	117.767	117.767	0.00128	0.00460	0.12386	119.292
Vendor	0.00317	0.00117	0.05462	0.02563	0.00041	0.00041	0.01545	0.01586	0.00041	0.00427	0.00468	—	46.7308	46.7308	0.00174	0.00658	0.04797	48.7845
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Building Construction (2031)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93882	0.78724	6.93574	11.2493	0.02071	0.22902	—	0.22902	0.21070	—	0.21070	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.08819	0.07395	0.65150	1.05668	0.00195	0.02151	—	0.02151	0.01979	—	0.01979	—	205.653	205.653	0.00834	0.00167	—	206.359
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01609	0.01350	0.11890	0.19284	0.00036	0.00393	—	0.00393	0.00361	—	0.00361	—	34.0483	34.0483	0.00138	0.00028	—	34.1651
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24767	0.21061	0.24405	3.22239	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	966.672	966.672	0.01085	0.03887	0.05596	978.581
Vendor	0.02340	0.00870	0.40198	0.18871	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	382.375	382.375	0.01438	0.05568	0.02296	399.350
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02343	0.01978	0.02275	0.31670	0.00000	0.00000	0.09941	0.09941	0.00000	0.02328	0.02328	—	92.1351	92.1351	0.00102	0.00365	0.08760	93.3361
Vendor	0.00226	0.00085	0.03771	0.01782	0.00030	0.00030	0.01113	0.01143	0.00030	0.00308	0.00337	—	35.9029	35.9029	0.00135	0.00523	0.03590	37.5311
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00428	0.00361	0.00415	0.05780	0.00000	0.00000	0.01814	0.01814	0.00000	0.00425	0.00425	—	15.2540	15.2540	0.00017	0.00060	0.01450	15.4529

Vendor	0.00041	0.00015	0.00688	0.00325	0.00005	0.00005	0.00203	0.00209	0.00005	0.00056	0.00062	—	5.94413	5.94413	0.00022	0.00087	0.00594	6.21371
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31518	0.29475	1.80515	13.3238	0.02071	0.06966	—	0.06966	0.06724	—	0.06724	—	2,189.35	2,189.35	0.08881	0.01776	—	2,196.87
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02961	0.02769	0.16956	1.25155	0.00195	0.00654	—	0.00654	0.00632	—	0.00632	—	205.653	205.653	0.00834	0.00167	—	206.359
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00540	0.00505	0.03095	0.22841	0.00036	0.00119	—	0.00119	0.00115	—	0.00115	—	34.0483	34.0483	0.00138	0.00028	—	34.1651
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24767	0.21061	0.24405	3.22239	0.00000	0.00000	1.07182	1.07182	0.00000	0.25123	0.25123	—	966.672	966.672	0.01085	0.03887	0.05596	978.581
Vendor	0.02340	0.00870	0.40198	0.18871	0.00315	0.00315	0.11978	0.12293	0.00315	0.03309	0.03624	—	382.375	382.375	0.01438	0.05568	0.02296	399.350
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02343	0.01978	0.02275	0.31670	0.00000	0.00000	0.09941	0.09941	0.00000	0.02328	0.02328	—	92.1351	92.1351	0.00102	0.00365	0.08760	93.3361
Vendor	0.00226	0.00085	0.03771	0.01782	0.00030	0.00030	0.01113	0.01143	0.00030	0.00308	0.00337	—	35.9029	35.9029	0.00135	0.00523	0.03590	37.5311
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00428	0.00361	0.00415	0.05780	0.00000	0.00000	0.01814	0.01814	0.00000	0.00425	0.00425	—	15.2540	15.2540	0.00017	0.00060	0.01450	15.4529
Vendor	0.00041	0.00015	0.00688	0.00325	0.00005	0.00005	0.00203	0.00209	0.00005	0.00056	0.00062	—	5.94413	5.94413	0.00022	0.00087	0.00594	6.21371
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Architectural Coating (2030)

3.4.1. Onsite - Unmitigated

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

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

Off-Roa Equipment	0.35716	0.29517	2.35419	3.32156	0.00518	0.03291	—	0.03291	0.03027	—	0.03027	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35716	0.29517	2.35419	3.32156	0.00518	0.03291	—	0.03291	0.03027	—	0.03027	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19151	0.15827	1.26232	1.78103	0.00278	0.01764	—	0.01764	0.01623	—	0.01623	—	214.770	214.770	0.00871	0.00174	—	215.507
Architectural Coatings	4.27437	4.27437	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03495	0.02888	0.23037	0.32504	0.00051	0.00322	—	0.00322	0.00296	—	0.00296	—	35.5577	35.5577	0.00144	0.00029	—	35.6797

Architect Coatings	0.78007	0.78007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05794	0.05675	0.04583	0.89168	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	227.180	227.180	0.00238	0.00853	0.53331	230.315
Vendor	0.00695	0.00266	0.11443	0.05556	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.871	112.871	0.00420	0.01591	0.26883	117.985
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05714	0.05595	0.05397	0.75160	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	215.436	215.436	0.00238	0.00853	0.01386	218.051
Vendor	0.00686	0.00249	0.11988	0.05688	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.947	112.947	0.00420	0.01591	0.00696	117.799
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03043	0.02979	0.02894	0.42450	0.00000	0.00000	0.12457	0.12457	0.00000	0.02917	0.02917	—	117.214	117.214	0.00128	0.00457	0.12328	118.733
Vendor	0.00373	0.00138	0.06419	0.03012	0.00048	0.00048	0.01816	0.01864	0.00048	0.00502	0.00550	—	60.5389	60.5389	0.00225	0.00853	0.06214	63.1993
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00555	0.00544	0.00528	0.07747	0.00000	0.00000	0.02273	0.02273	0.00000	0.00532	0.00532	—	19.4061	19.4061	0.00021	0.00076	0.02041	19.6575
Vendor	0.00068	0.00025	0.01172	0.00550	0.00009	0.00009	0.00331	0.00340	0.00009	0.00092	0.00100	—	10.0229	10.0229	0.00037	0.00141	0.01029	10.4634
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.539	400.539	0.01625	0.00325	—	401.913
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03401	0.03401	1.03923	1.54940	0.00278	0.00378	—	0.00378	0.00378	—	0.00378	—	214.770	214.770	0.00871	0.00174	—	215.507

Architectural	4.27437	4.27437	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00621	0.00621	0.18966	0.28277	0.00051	0.00069	—	0.00069	0.00069	—	0.00069	—	35.5577	35.5577	0.00144	0.00029	—	35.6797
Architectural Coatings	0.78007	0.78007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05794	0.05675	0.04583	0.89168	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	227.180	227.180	0.00238	0.00853	0.53331	230.315
Vendor	0.00695	0.00266	0.11443	0.05556	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.871	112.871	0.00420	0.01591	0.26883	117.985
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05714	0.05595	0.05397	0.75160	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	215.436	215.436	0.00238	0.00853	0.01386	218.051
Vendor	0.00686	0.00249	0.11988	0.05688	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	112.947	112.947	0.00420	0.01591	0.00696	117.799
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03043	0.02979	0.02894	0.42450	0.00000	0.00000	0.12457	0.12457	0.00000	0.02917	0.02917	—	117.214	117.214	0.00128	0.00457	0.12328	118.733
Vendor	0.00373	0.00138	0.06419	0.03012	0.00048	0.00048	0.01816	0.01864	0.00048	0.00502	0.00550	—	60.5389	60.5389	0.00225	0.00853	0.06214	63.1993
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00555	0.00544	0.00528	0.07747	0.00000	0.00000	0.02273	0.02273	0.00000	0.00532	0.00532	—	19.4061	19.4061	0.00021	0.00076	0.02041	19.6575
Vendor	0.00068	0.00025	0.01172	0.00550	0.00009	0.00009	0.00331	0.00340	0.00009	0.00092	0.00100	—	10.0229	10.0229	0.00037	0.00141	0.01029	10.4634
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Architectural Coating (2031)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34627	0.28618	2.33071	3.31039	0.00518	0.02828	—	0.02828	0.02602	—	0.02602	—	400.553	400.553	0.01625	0.00325	—	401.928
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04269	0.03528	0.28735	0.40813	0.00064	0.00349	—	0.00349	0.00321	—	0.00321	—	49.3832	49.3832	0.00200	0.00040	—	49.5527
Architectural Coatings	0.98279	0.98279	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00779	0.00644	0.05244	0.07448	0.00012	0.00064	—	0.00064	0.00059	—	0.00059	—	8.17596	8.17596	0.00033	0.00007	—	8.20402
Architectural Coatings	0.17936	0.17936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05437	0.04623	0.05357	0.70735	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	212.196	212.196	0.00238	0.00853	0.01228	214.811
Vendor	0.00668	0.00249	0.11485	0.05392	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	109.250	109.250	0.00411	0.01591	0.00656	114.100
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00675	0.00570	0.00656	0.09124	0.00000	0.00000	0.02864	0.02864	0.00000	0.00671	0.00671	—	26.5450	26.5450	0.00029	0.00105	0.02524	26.8911
Vendor	0.00085	0.00032	0.01414	0.00668	0.00011	0.00011	0.00417	0.00429	0.00011	0.00115	0.00127	—	13.4636	13.4636	0.00051	0.00196	0.01346	14.0742
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00123	0.00104	0.00120	0.01665	0.00000	0.00000	0.00523	0.00523	0.00000	0.00122	0.00122	—	4.39483	4.39483	0.00005	0.00017	0.00418	4.45212
Vendor	0.00015	0.00006	0.00258	0.00122	0.00002	0.00002	0.00076	0.00078	0.00002	0.00021	0.00023	—	2.22905	2.22905	0.00008	0.00032	0.00223	2.33014
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06343	0.06343	1.93813	2.88957	0.00518	0.00705	—	0.00705	0.00705	—	0.00705	—	400.553	400.553	0.01625	0.00325	—	401.928
Architectural Coatings	7.97154	7.97154	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.00782	0.00782	0.23895	0.35625	0.00064	0.00087	—	0.00087	0.00087	—	0.00087	—	49.3832	49.3832	0.00200	0.00040	—	49.5527
Architectural Coatings	0.98279	0.98279	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00143	0.00143	0.04361	0.06502	0.00012	0.00016	—	0.00016	0.00016	—	0.00016	—	8.17596	8.17596	0.00033	0.00007	—	8.20402
Architectural Coatings	0.17936	0.17936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05437	0.04623	0.05357	0.70735	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	212.196	212.196	0.00238	0.00853	0.01228	214.811
Vendor	0.00668	0.00249	0.11485	0.05392	0.00090	0.00090	0.03422	0.03512	0.00090	0.00946	0.01035	—	109.250	109.250	0.00411	0.01591	0.00656	114.100
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00675	0.00570	0.00656	0.09124	0.00000	0.00000	0.02864	0.02864	0.00000	0.00671	0.00671	—	26.5450	26.5450	0.00029	0.00105	0.02524	26.8911
Vendor	0.00085	0.00032	0.01414	0.00668	0.00011	0.00011	0.00417	0.00429	0.00011	0.00115	0.00127	—	13.4636	13.4636	0.00051	0.00196	0.01346	14.0742
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00123	0.00104	0.00120	0.01665	0.00000	0.00000	0.00523	0.00523	0.00000	0.00122	0.00122	—	4.39483	4.39483	0.00005	0.00017	0.00418	4.45212
Vendor	0.00015	0.00006	0.00258	0.00122	0.00002	0.00002	0.00076	0.00078	0.00002	0.00021	0.00023	—	2.22905	2.22905	0.00008	0.00032	0.00223	2.33014
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/11/2029	2/17/2031	5.00000	310.000	—
Architectural Coating	Architectural Coating	4/2/2030	3/4/2031	5.00000	241.000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Average	3.00000	6.00000	37.0000	0.48000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Final	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00000	7.00000	84.0000	0.37000
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Building Construction	Worker	82.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	Worker	82.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	621,549	207,183	0.00000	0.00000	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00000	531.983	0.03300	0.00400
2030	0.00000	531.983	0.03300	0.00400
2031	0.00000	531.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—

CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000
Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—

Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0

Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—

2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000
Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	113 homes on 21.3 acres
Construction: Construction Phases	Applicant provided schedule.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased. Applicant also provided input on construction equipment quantities and types.
Construction: Trips and VMT	Even number of trips.

Operations: Vehicle Data	Only residential trips
Operations: Hearths	no woodburning or natural gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.6000	21.3000
Building Area	sq. ft	119,780	306,938
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Building Construction	Building Construction	Start Date	3/15/2030	12/11/2029
Building Construction	Building Construction	End Date	8/15/2031	2/17/2031
Building Construction	Building Construction	Work Days per Phase	370.000	310.000
Architectural Coating	Architectural Coating	Start Date	9/14/2031	4/2/2030
Architectural Coating	Architectural Coating	End Date	10/12/2031	3/4/2031
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	241.000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Architectural Coating	Air Compressors	Number per Day	1.000000	3.00000

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Building Construction	Worker	One-Way Trips per Day	81.3600	82.0000
Building Construction	Vendor	One-Way Trips per Day	12.0797	14.0000
Architectural Coating	Worker	One-Way Trips per Day	16.2720	18.0000

Belcaro at Sand Canyon Phase 1 Home Building Regional - Revised Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Home Building Regional - Revised
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114.000	Dwelling Unit	19.1000	309,655	408,059	0.00000	337.000	Active Senior Living
Health Club	7.60000	1000sqft	3.00000	7,600.00	0.00000	0.00000	—	—

Recreational Swimming Pool	4.00000	1000sqft	0.10000	4,000.00	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.83786	9.60360	1.38478	23.3581	0.04404	0.02831	4.27444	4.30275	0.02574	1.08577	1.11151	210.936	6,209.55	6,420.48	21.4567	0.20561	15.2024	7,033.37
Mit.	9.83786	9.60360	1.38478	23.3581	0.04404	0.02831	4.27444	4.30275	0.02574	1.08577	1.11151	210.936	6,211.15	6,422.08	21.4569	0.20563	15.2024	7,034.98
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.17073	8.97154	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	210.936	6,004.80	6,215.74	21.4617	0.21332	4.27869	6,820.13
Mit.	9.17073	8.97154	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	210.936	6,006.40	6,217.34	21.4619	0.21333	4.27869	6,821.74
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.60446	9.38063	1.50400	20.1416	0.04260	0.02719	4.22084	4.24803	0.02490	1.07237	1.09727	210.936	5,669.42	5,880.35	21.4233	0.20947	8.83025	6,487.19

Mit.	9.60446	9.38063	1.50400	20.1416	0.04260	0.02719	4.22084	4.24803	0.02490	1.07237	1.09727	210.936	5,671.02	5,881.95	21.4235	0.20949	8.83025	6,488.80
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.75281	1.71197	0.27448	3.67584	0.00778	0.00496	0.77030	0.77527	0.00454	0.19571	0.20025	34.9228	938.637	973.560	3.54687	0.03468	1.46195	1,074.03
Mit.	1.75281	1.71197	0.27448	3.67584	0.00778	0.00496	0.77030	0.77527	0.00454	0.19571	0.20025	34.9228	938.902	973.825	3.54690	0.03468	1.46195	1,074.29
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Area	7.99102	7.95496	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	0.00000	446.214	446.214	0.04154	0.00510	—	448.771
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,222.82	1,222.82	0.11656	0.01413	—	1,229.95
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Total	9.83786	9.60360	1.38478	23.3581	0.04404	0.02831	4.27444	4.30275	0.02574	1.08577	1.11151	210.936	6,209.55	6,420.48	21.4567	0.20561	15.2024	7,033.37

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Area	7.33956	7.33956	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,222.82	1,222.82	0.11656	0.01413	—	1,229.95
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Total	9.17073	8.97154	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	210.936	6,004.80	6,215.74	21.4617	0.21332	4.27869	6,820.13
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.81869	1.61956	1.46046	15.4736	0.04240	0.02475	4.22084	4.24559	0.02305	1.07237	1.09542	—	4,337.46	4,337.46	0.19025	0.17108	4.84233	4,398.04
Area	7.78577	7.76107	0.04354	4.66801	0.00021	0.00244	—	0.00244	0.00185	—	0.00185	0.00000	42.0602	42.0602	0.00333	0.00044	—	42.2758
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,222.82	1,222.82	0.11656	0.01413	—	1,229.95
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Total	9.60446	9.38063	1.50400	20.1416	0.04260	0.02719	4.22084	4.24803	0.02490	1.07237	1.09727	210.936	5,669.42	5,880.35	21.4233	0.20947	8.83025	6,487.19
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147
Area	1.42090	1.41640	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	0.00000	6.96354	6.96354	0.00055	0.00007	—	6.99924
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	202.452	202.452	0.01930	0.00234	—	203.632
Water	—	—	—	—	—	—	—	—	—	—	—	1.56574	11.1045	12.6702	0.16161	0.00394	—	17.8854
Waste	—	—	—	—	—	—	—	—	—	—	—	33.3571	0.00000	33.3571	3.33392	0.00000	—	116.705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66024	0.66024
Total	1.75281	1.71197	0.27448	3.67584	0.00778	0.00496	0.77030	0.77527	0.00454	0.19571	0.20025	34.9228	938.637	973.560	3.54687	0.03468	1.46195	1,074.03

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Area	7.99102	7.95496	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	0.00000	446.214	446.214	0.04154	0.00510	—	448.771
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,224.42	1,224.42	0.11671	0.01415	—	1,231.56
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Total	9.83786	9.60360	1.38478	23.3581	0.04404	0.02831	4.27444	4.30275	0.02574	1.08577	1.11151	210.936	6,211.15	6,422.08	21.4569	0.20563	15.2024	7,034.98
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Area	7.33956	7.33956	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,224.42	1,224.42	0.11671	0.01415	—	1,231.56
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Total	9.17073	8.97154	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	210.936	6,006.40	6,217.34	21.4619	0.21333	4.27869	6,821.74
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.81869	1.61956	1.46046	15.4736	0.04240	0.02475	4.22084	4.24559	0.02305	1.07237	1.09542	—	4,337.46	4,337.46	0.19025	0.17108	4.84233	4,398.04
Area	7.78577	7.76107	0.04354	4.66801	0.00021	0.00244	—	0.00244	0.00185	—	0.00185	0.00000	42.0602	42.0602	0.00333	0.00044	—	42.2758
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,224.42	1,224.42	0.11671	0.01415	—	1,231.56
Water	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Waste	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791

Total	9.60446	9.38063	1.50400	20.1416	0.04260	0.02719	4.22084	4.24803	0.02490	1.07237	1.09727	210.936	5,671.02	5,881.95	21.4235	0.20949	8.83025	6,488.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147
Area	1.42090	1.41640	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	0.00000	6.96354	6.96354	0.00055	0.00007	—	6.99924
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	202.717	202.717	0.01932	0.00234	—	203.898
Water	—	—	—	—	—	—	—	—	—	—	—	1.56574	11.1045	12.6702	0.16161	0.00394	—	17.8854
Waste	—	—	—	—	—	—	—	—	—	—	—	33.3571	0.00000	33.3571	3.33392	0.00000	—	116.705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66024	0.66024
Total	1.75281	1.71197	0.27448	3.67584	0.00778	0.00496	0.77030	0.77527	0.00454	0.19571	0.20025	34.9228	938.902	973.825	3.54690	0.03468	1.46195	1,074.29

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Total	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147

4.1.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.84684	1.64864	1.32121	16.5428	0.04374	0.02474	4.27444	4.29918	0.02304	1.08577	1.10882	—	4,473.44	4,473.44	0.18547	0.16257	11.2145	4,537.73
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.83117	1.63197	1.44515	15.0331	0.04190	0.02476	4.27444	4.29919	0.02306	1.08577	1.10883	—	4,287.34	4,287.34	0.19124	0.17043	0.29078	4,343.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Recreati Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.33191	0.29557	0.26653	2.82393	0.00774	0.00452	0.77030	0.77482	0.00421	0.19571	0.19991	—	718.117	718.117	0.03150	0.02832	0.80170	728.147

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	843.403	843.403	0.08039	0.00974	—	848.317
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	379.419	379.419	0.03617	0.00438	—	381.630
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,222.82	1,222.82	0.11656	0.01413	—	1,229.95
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	843.403	843.403	0.08039	0.00974	—	848.317
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	379.419	379.419	0.03617	0.00438	—	381.630

Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,222.82	1,222.82	0.11656	0.01413	—	1,229.95
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	139.635	139.635	0.01331	0.00161	—	140.448
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	62.8172	62.8172	0.00599	0.00073	—	63.1832
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	202.452	202.452	0.01930	0.00234	—	203.632

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	845.004	845.004	0.08055	0.00976	—	849.927
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	379.419	379.419	0.03617	0.00438	—	381.630
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	—	1,224.42	1,224.42	0.11671	0.01415	—	1,231.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	845.004	845.004	0.08055	0.00976	—	849.927
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	379.419	379.419	0.03617	0.00438	—	381.630
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,224.42	1,224.42	0.11671	0.01415	—	1,231.56
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	139.900	139.900	0.01334	0.00162	—	140.715
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	62.8172	62.8172	0.00599	0.00073	—	63.1832
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	202.717	202.717	0.01932	0.00234	—	203.898

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Recreational Swimming	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Consumer Products	6.78926	6.78926	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.55031	0.55031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.65146	0.61540	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	—	18.6516	18.6516	0.00078	0.00016	—	18.7173
Total	7.99102	7.95496	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	0.00000	446.214	446.214	0.04154	0.00510	—	448.771
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Consumer Products	6.78926	6.78926	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55031	0.55031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.33956	7.33956	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	4.84848	4.84848	0.00046	0.00006	—	4.87673
Consumer Products	1.23904	1.23904	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10043	0.10043	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08143	0.07692	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	—	2.11506	2.11506	0.00009	0.00002	—	2.12251
Total	1.42090	1.41640	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	0.00000	6.96354	6.96354	0.00055	0.00007	—	6.99924

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Consumer Products	6.78926	6.78926	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55031	0.55031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.65146	0.61540	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	—	18.6516	18.6516	0.00078	0.00016	—	18.7173
Total	7.99102	7.95496	0.06357	6.81530	0.00030	0.00357	—	0.00357	0.00270	—	0.00270	0.00000	446.214	446.214	0.04154	0.00510	—	448.771
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Consumer Products	6.78926	6.78926	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55031	0.55031	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.33956	7.33956	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	427.563	427.563	0.04076	0.00494	—	430.054
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	4.84848	4.84848	0.00046	0.00006	—	4.87673

Consum Products	1.23904	1.23904	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10043	0.10043	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08143	0.07692	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	—	2.11506	2.11506	0.00009	0.00002	—	2.12251
Total	1.42090	1.41640	0.00795	0.85191	0.00004	0.00045	—	0.00045	0.00034	—	0.00034	0.00000	6.96354	6.96354	0.00055	0.00007	—	6.99924

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	62.6421	70.7846	0.84089	0.02056	—	97.9341
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.90218	3.76350	0.08860	0.00213	—	6.61372
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.52746	1.98079	0.04663	0.00112	—	3.48090
Total	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	62.6421	70.7846	0.84089	0.02056	—	97.9341
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.90218	3.76350	0.08860	0.00213	—	6.61372
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.52746	1.98079	0.04663	0.00112	—	3.48090
Total	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34808	10.3711	11.7192	0.13922	0.00340	—	16.2141
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.48049	0.62309	0.01467	0.00035	—	1.09498
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.25289	0.32794	0.00772	0.00019	—	0.57630
Total	—	—	—	—	—	—	—	—	—	—	—	1.56574	11.1045	12.6702	0.16161	0.00394	—	17.8854

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	62.6421	70.7846	0.84089	0.02056	—	97.9341

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.90218	3.76350	0.08860	0.00213	—	6.61372
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.52746	1.98079	0.04663	0.00112	—	3.48090
Total	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	62.6421	70.7846	0.84089	0.02056	—	97.9341
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.90218	3.76350	0.08860	0.00213	—	6.61372
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.52746	1.98079	0.04663	0.00112	—	3.48090
Total	—	—	—	—	—	—	—	—	—	—	—	9.45715	67.0717	76.5289	0.97612	0.02382	—	108.029
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34808	10.3711	11.7192	0.13922	0.00340	—	16.2141
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.48049	0.62309	0.01467	0.00035	—	1.09498
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.25289	0.32794	0.00772	0.00019	—	0.57630
Total	—	—	—	—	—	—	—	—	—	—	—	1.56574	11.1045	12.6702	0.16161	0.00394	—	17.8854

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	33.3571	0.00000	33.3571	3.33392	0.00000	—	116.705

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	201.479	0.00000	201.479	20.1371	0.00000	—	704.905
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	33.3571	0.00000	33.3571	3.33392	0.00000	—	116.705

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66024	0.66024

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.98791	3.98791

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66024	0.66024

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	533.634	533.634	533.634	194,776	6,026.96	6,026.96	6,026.96	2,199,839
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	533.634	533.634	533.634	194,776	6,026.96	6,026.96	6,026.96	2,199,839
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Retirement Community	Wood Fireplaces	0	0
Retirement Community	Gas Fireplaces	0	0
Retirement Community	Propane Fireplaces	0	0
Retirement Community	Electric Fireplaces	114	114
Retirement Community	No Fireplaces	0	0

Retirement Community	Conventional Wood Stoves	0	0
Retirement Community	Catalytic Wood Stoves	0	0
Retirement Community	Non-Catalytic Wood Stoves	0	0
Retirement Community	Pellet Wood Stoves	0	0
Health Club	Wood Fireplaces	0	0
Health Club	Gas Fireplaces	0	0
Health Club	Propane Fireplaces	0	0
Health Club	Electric Fireplaces	0	0
Health Club	No Fireplaces	0	0
Health Club	Conventional Wood Stoves	0	0
Health Club	Catalytic Wood Stoves	0	0
Health Club	Non-Catalytic Wood Stoves	0	0
Health Club	Pellet Wood Stoves	0	0
Recreational Swimming Pool	Wood Fireplaces	0	0
Recreational Swimming Pool	Gas Fireplaces	0	0
Recreational Swimming Pool	Propane Fireplaces	0	0
Recreational Swimming Pool	Electric Fireplaces	0	0
Recreational Swimming Pool	No Fireplaces	0	0
Recreational Swimming Pool	Conventional Wood Stoves	0	0
Recreational Swimming Pool	Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Non-Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
627,051	209,017	11,400.0	3,800.00	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	889,213	346.196	0.0330	0.0040	0.00000
Health Club	400,028	346.196	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	346.196	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	890,901	346.196	0.0330	0.0040	0.00000
Health Club	400,028	346.196	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	346.196	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	307.723	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	307.723	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000

Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077

Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3

Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000

Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	114 homes on 19.1 acres
Construction: Construction Phases	Estimated schedule
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips. Gibson Transportation January 2026.
Operations: Hearths	No woodburning or gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.8000	19.1000
Building Area	sq. ft	120,840	309,655
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.17447	3.00000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.09183	0.10000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Weekday Trip Rate	size/day	2.40000	4.68100
Retirement Community	Saturday Trip Rate	size/day	2.03000	4.68100
Retirement Community	Sunday Trip Rate	size/day	1.95000	4.68100
Health Club	Weekday Trip Rate	size/day	32.9300	0.00000
Health Club	Saturday Trip Rate	size/day	20.8700	0.00000
Health Club	Sunday Trip Rate	size/day	26.7300	0.00000
Recreational Swimming Pool	Weekday Trip Rate	size/day	28.8200	0.00000
Recreational Swimming Pool	Saturday Trip Rate	size/day	9.10000	0.00000
Recreational Swimming Pool	Sunday Trip Rate	size/day	13.6000	0.00000

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Default Value	New Value
Retirement Community	Wood Fireplaces	6	0
Retirement Community	Gas Fireplaces	97	0
Retirement Community	Electric Fireplaces	0	114
Retirement Community	No Fireplaces	11	0
Retirement Community	Catalytic Wood Stoves	6	0
Retirement Community	Non-Catalytic Wood Stoves	6	0

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Electricity	kWh/yr	437,195	889,213
Retirement Community	Electricity (Subject to Title 24)	kWh/yr	112,965	504,787
Retirement Community	Electricity (Not Subject to Title 24)	kWh/yr	324,230	384,426
Retirement Community	Natural Gas	kBTU/yr	1,858,847	0.00000
Retirement Community	Natural Gas (Subject to Title 24)	kBTU/yr	1,619,914	0.00000
Retirement Community	Natural Gas (Not Subject to Title 24)	kBTU/yr	238,933	0.00000
Health Club	Electricity	kWh/yr	72,904.8	400,028
Health Club	Electricity (Subject to Title 24)	kWh/yr	62,190.2	344,109
Health Club	Electricity (Not Subject to Title 24)	kWh/yr	10,714.6	55,919.2
Health Club	Natural Gas	kBTU/yr	325,295	0.00000
Health Club	Natural Gas (Subject to Title 24)	kBTU/yr	122,463	0.00000
Health Club	Natural Gas (Not Subject to Title 24)	kBTU/yr	202,832	0.00000

Belcaro at Sand Canyon Phase 2 Home Building Regional - Revised Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 2 Home Building Regional - Revised
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114.000	Dwelling Unit	18.0000	309,655	408,059	0.00000	337.000	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.52682	9.30473	1.31245	22.4776	0.04332	0.02644	4.27451	4.30095	0.02410	1.08580	1.10990	173.986	5,099.46	5,273.44	17.6759	0.18891	13.8036	5,785.44
Mit.	9.52682	9.30473	1.31245	22.4776	0.04332	0.02644	4.27451	4.30095	0.02410	1.08580	1.10990	173.986	5,100.66	5,274.65	17.6760	0.18893	13.8036	5,786.66
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.92185	8.73043	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	173.986	4,899.49	5,073.48	17.6805	0.19636	4.18818	5,578.20
Mit.	8.92185	8.73043	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	173.986	4,900.70	5,074.69	17.6807	0.19638	4.18818	5,579.41
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.31425	9.10130	1.42458	19.3982	0.04191	0.02551	4.22091	4.24642	0.02341	1.07240	1.09580	173.986	4,960.53	5,134.52	17.6801	0.19708	8.19462	5,643.44
Mit.	9.31425	9.10130	1.42458	19.3982	0.04191	0.02551	4.22091	4.24642	0.02341	1.07240	1.09580	173.986	4,961.73	5,135.72	17.6803	0.19710	8.19462	5,644.66
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.69985	1.66099	0.25999	3.54016	0.00765	0.00466	0.77032	0.77497	0.00427	0.19571	0.19998	28.8054	821.272	850.078	2.92714	0.03263	1.35671	934.336
Mit.	1.69985	1.66099	0.25999	3.54016	0.00765	0.00466	0.77032	0.77497	0.00427	0.19571	0.19998	28.8054	821.472	850.277	2.92717	0.03263	1.35671	934.538
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Area	7.74868	7.71719	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	0.00000	17.2923	17.2923	0.00072	0.00014	—	17.3532
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	635.332	635.332	0.08039	0.00974	—	640.246
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	9.52682	9.30473	1.31245	22.4776	0.04332	0.02644	4.27451	4.30095	0.02410	1.08580	1.10990	173.986	5,099.46	5,273.44	17.6759	0.18891	13.8036	5,785.44
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Area	7.15762	7.15762	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	635.332	635.332	0.08039	0.00974	—	640.246
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	8.92185	8.73043	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	173.986	4,899.49	5,073.48	17.6805	0.19636	4.18818	5,578.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.75179	1.56041	1.38320	14.9532	0.04172	0.02349	4.22091	4.24440	0.02188	1.07240	1.09428	—	4,266.16	4,266.16	0.18282	0.16668	4.26240	4,324.67
Area	7.56245	7.54089	0.04139	4.44494	0.00019	0.00202	—	0.00202	0.00152	—	0.00152	0.00000	11.8441	11.8441	0.00050	0.00010	—	11.8857
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	635.332	635.332	0.08039	0.00974	—	640.246
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	9.31425	9.10130	1.42458	19.3982	0.04191	0.02551	4.22091	4.24642	0.02341	1.07240	1.09580	173.986	4,960.53	5,134.52	17.6801	0.19708	8.19462	5,643.44
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998
Area	1.38015	1.37621	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	0.00000	1.96092	1.96092	0.00008	0.00002	—	1.96782
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	105.186	105.186	0.01331	0.00161	—	106.000
Water	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555
Waste	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Total	1.69985	1.66099	0.25999	3.54016	0.00765	0.00466	0.77032	0.77497	0.00427	0.19571	0.19998	28.8054	821.272	850.078	2.92714	0.03263	1.35671	934.336

2.6. Operations Emissions by Sector, Mitigated

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

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

Mobile	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Area	7.74868	7.71719	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	0.00000	17.2923	17.2923	0.00072	0.00014	—	17.3532
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	636.538	636.538	0.08055	0.00976	—	641.461
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	9.52682	9.30473	1.31245	22.4776	0.04332	0.02644	4.27451	4.30095	0.02410	1.08580	1.10990	173.986	5,100.66	5,274.65	17.6760	0.18893	13.8036	5,786.66
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Area	7.15762	7.15762	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	636.538	636.538	0.08055	0.00976	—	641.461
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	8.92185	8.73043	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	173.986	4,900.70	5,074.69	17.6807	0.19638	4.18818	5,579.41
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.75179	1.56041	1.38320	14.9532	0.04172	0.02349	4.22091	4.24440	0.02188	1.07240	1.09428	—	4,266.16	4,266.16	0.18282	0.16668	4.26240	4,324.67
Area	7.56245	7.54089	0.04139	4.44494	0.00019	0.00202	—	0.00202	0.00152	—	0.00152	0.00000	11.8441	11.8441	0.00050	0.00010	—	11.8857
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	636.538	636.538	0.08055	0.00976	—	641.461
Water	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Waste	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	9.31425	9.10130	1.42458	19.3982	0.04191	0.02551	4.22091	4.24642	0.02341	1.07240	1.09580	173.986	4,961.73	5,135.72	17.6803	0.19710	8.19462	5,644.66
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998
Area	1.38015	1.37621	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	0.00000	1.96092	1.96092	0.00008	0.00002	—	1.96782

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	105.386	105.386	0.01334	0.00162	—	106.201
Water	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555
Waste	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Total	1.69985	1.66099	0.25999	3.54016	0.00765	0.00466	0.77032	0.77497	0.00427	0.19571	0.19998	28.8054	821.472	850.277	2.92717	0.03263	1.35671	934.538

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Total	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Total	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998
Total	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Total	1.77814	1.58754	1.25203	15.9880	0.04304	0.02349	4.27451	4.29800	0.02188	1.08580	1.10767	—	4,399.65	4,399.65	0.17835	0.15846	9.87141	4,461.20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Total	1.76423	1.57281	1.36911	14.5282	0.04123	0.02350	4.27451	4.29801	0.02189	1.08580	1.10768	—	4,216.97	4,216.97	0.18375	0.16606	0.25595	4,271.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998
Total	0.31970	0.28478	0.25243	2.72896	0.00761	0.00429	0.77032	0.77460	0.00399	0.19571	0.19971	—	706.312	706.312	0.03027	0.02760	0.70569	715.998

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Total	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Total	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105.186	105.186	0.01331	0.00161	—	106.000
Total	—	—	—	—	—	—	—	—	—	—	—	—	105.186	105.186	0.01331	0.00161	—	106.000

4.2.2. Electricity Emissions By Land Use - Mitigated

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

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

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Total	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Total	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105.386	105.386	0.01334	0.00162	—	106.201
Total	—	—	—	—	—	—	—	—	—	—	—	—	105.386	105.386	0.01334	0.00162	—	106.201

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.62662	6.62662	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53100	0.53100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59106	0.55957	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	—	17.2923	17.2923	0.00072	0.00014	—	17.3532
Total	7.74868	7.71719	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	0.00000	17.2923	17.2923	0.00072	0.00014	—	17.3532
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Consumer Products	6.62662	6.62662	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53100	0.53100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.15762	7.15762	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	1.20936	1.20936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.09691	0.09691	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07388	0.06995	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	—	1.96092	1.96092	0.00008	0.00002	—	1.96782
Total	1.38015	1.37621	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	0.00000	1.96092	1.96092	0.00008	0.00002	—	1.96782

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.62662	6.62662	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.53100	0.53100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59106	0.55957	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	—	17.2923	17.2923	0.00072	0.00014	—	17.3532
Total	7.74868	7.71719	0.06042	6.48961	0.00028	0.00295	—	0.00295	0.00222	—	0.00222	0.00000	17.2923	17.2923	0.00072	0.00014	—	17.3532
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.62662	6.62662	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53100	0.53100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.15762	7.15762	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	1.20936	1.20936	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.09691	0.09691	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07388	0.06995	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	—	1.96092	1.96092	0.00008	0.00002	—	1.96782
Total	1.38015	1.37621	0.00755	0.81120	0.00004	0.00037	—	0.00037	0.00028	—	0.00028	0.00000	1.96092	1.96092	0.00008	0.00002	—	1.96782

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Total	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Total	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555
Total	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555

4.4.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Total	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Total	—	—	—	—	—	—	—	—	—	—	—	8.14249	47.1880	55.3305	0.84089	0.02056	—	82.4800
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555
Total	—	—	—	—	—	—	—	—	—	—	—	1.34808	7.81252	9.16060	0.13922	0.00340	—	13.6555

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Total	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Total	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Total	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Total	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Total	—	—	—	—	—	—	—	—	—	—	—	165.844	0.00000	165.844	16.5755	0.00000	—	580.232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640
Total	—	—	—	—	—	—	—	—	—	—	—	27.4574	0.00000	27.4574	2.74426	0.00000	—	96.0640

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93222	3.93222
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65102	0.65102

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	533.634	533.634	533.634	194,776	6,026.96	6,026.96	6,026.96	2,199,839

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	533.634	533.634	533.634	194,776	6,026.96	6,026.96	6,026.96	2,199,839

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Retirement Community	Wood Fireplaces	0	0
Retirement Community	Gas Fireplaces	0	0
Retirement Community	Propane Fireplaces	0	0
Retirement Community	Electric Fireplaces	0	0
Retirement Community	No Fireplaces	114	114
Retirement Community	Conventional Wood Stoves	0	0
Retirement Community	Catalytic Wood Stoves	0	0
Retirement Community	Non-Catalytic Wood Stoves	0	0
Retirement Community	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
627,051	209,017	0.00000	0.00000	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	889,213	260.788	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	890,901	260.788	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	307.723	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	307.723	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000
Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422

Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0

Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000
Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	114 homes on 18 acres
Construction: Construction Phases	Applicant provided schedule.
Construction: Off-Road Equipment	Equipment revised based on applicant information and increased due to shorter construction schedule compared to default.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips
Operations: Hearths	no woodburning or natural gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.8000	18.0000
Building Area	sq. ft	120,840	309,655
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Weekday Trip Rate	size/day	2.40000	4.68100
Retirement Community	Saturday Trip Rate	size/day	2.03000	4.68100
Retirement Community	Sunday Trip Rate	size/day	1.95000	4.68100

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Default Value	New Value
Retirement Community	Wood Fireplaces	6	0
Retirement Community	Gas Fireplaces	97	0
Retirement Community	No Fireplaces	11	114
Retirement Community	Catalytic Wood Stoves	6	0
Retirement Community	Non-Catalytic Wood Stoves	6	0

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Electricity	kWh/yr	437,195	889,213
Retirement Community	Electricity (Subject to Title 24)	kWh/yr	112,965	504,787
Retirement Community	Electricity (Not Subject to Title 24)	kWh/yr	324,230	384,426
Retirement Community	Natural Gas	kBTU/yr	1,858,847	0.00000
Retirement Community	Natural Gas (Subject to Title 24)	kBTU/yr	1,619,914	0.00000
Retirement Community	Natural Gas (Not Subject to Title 24)	kBTU/yr	238,933	0.00000

Belcaro at Sand Canyon Phase 1 and Phase 2 Ops Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 and Phase 2 Ops
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	228.000	Dwelling Unit	37.1000	619,310	816,119	0.00000	675.000	Active Senior Living
Health Club	7.60000	1000sqft	3.00000	7,600.00	0.00000	0.00000	—	—

Recreational Swimming Pool	4.00000	1000sqft	0.10000	4,000.00	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.2944	18.8457	2.62768	45.2858	0.08666	0.05347	8.54902	8.60249	0.04865	2.17159	2.22024	385.414	10,498.3	10,883.7	39.1350	0.38561	27.6630	12,004.6
Mit.	19.2944	18.8457	2.62768	45.2858	0.08666	0.05347	8.54902	8.60249	0.04865	2.17159	2.22024	385.414	10,499.5	10,884.9	39.1352	0.38563	27.6630	12,005.8
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	18.0256	17.6428	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	385.414	10,097.0	10,482.4	39.1443	0.40050	8.43204	11,588.8
Mit.	18.0256	17.6428	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	385.414	10,098.2	10,483.6	39.1445	0.40052	8.43204	11,590.0
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	18.8507	18.4217	2.85107	39.0227	0.08384	0.05143	8.44182	8.49325	0.04711	2.14479	2.19191	385.414	9,619.93	10,005.3	39.0676	0.39274	16.4449	11,115.5
Mit.	18.8507	18.4217	2.85107	39.0227	0.08384	0.05143	8.44182	8.49325	0.04711	2.14479	2.19191	385.414	9,621.14	10,006.5	39.0677	0.39276	16.4449	11,116.7

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.44026	3.36197	0.52032	7.12164	0.01530	0.00939	1.54063	1.55002	0.00860	0.39142	0.40002	63.8097	1,592.69	1,656.50	6.46808	0.06502	2.72265	1,840.30
Mit.	3.44026	3.36197	0.52032	7.12164	0.01530	0.00939	1.54063	1.55002	0.00860	0.39142	0.40002	63.8097	1,592.89	1,656.70	6.46811	0.06503	2.72265	1,840.50
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39
Area	15.7382	15.6706	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	0.00000	680.106	680.106	0.08301	0.01018	—	685.215
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	921.147	921.147	0.11656	0.01413	—	928.271
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	19.2944	18.8457	2.62768	45.2858	0.08666	0.05347	8.54902	8.60249	0.04865	2.17159	2.22024	385.414	10,498.3	10,883.7	39.1350	0.38561	27.6630	12,004.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Area	14.4972	14.4972	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	921.147	921.147	0.11656	0.01413	—	928.271
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	18.0256	17.6428	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	385.414	10,097.0	10,482.4	39.1443	0.40050	8.43204	11,588.8
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.50358	3.12083	2.76639	29.9064	0.08344	0.04698	8.44182	8.48880	0.04376	2.14479	2.18856	—	8,532.33	8,532.33	0.36564	0.33336	8.52480	8,649.34
Area	15.3472	15.3009	0.08468	9.11627	0.00040	0.00445	—	0.00445	0.00335	—	0.00335	0.00000	68.7398	68.7398	0.00661	0.00088	—	69.1678
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	921.147	921.147	0.11656	0.01413	—	928.271
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	18.8507	18.4217	2.85107	39.0227	0.08384	0.05143	8.44182	8.49325	0.04711	2.14479	2.19191	385.414	9,619.93	10,005.3	39.0676	0.39274	16.4449	11,115.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00
Area	2.80086	2.79242	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	0.00000	11.3807	11.3807	0.00109	0.00015	—	11.4515
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	152.506	152.506	0.01930	0.00234	—	153.686
Water	—	—	—	—	—	—	—	—	—	—	—	2.91382	16.1775	19.0913	0.30083	0.00735	—	28.8014
Waste	—	—	—	—	—	—	—	—	—	—	—	60.8959	0.00000	60.8959	6.08633	0.00000	—	213.054
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31127	1.31127
Total	3.44026	3.36197	0.52032	7.12164	0.01530	0.00939	1.54063	1.55002	0.00860	0.39142	0.40002	63.8097	1,592.69	1,656.50	6.46808	0.06502	2.72265	1,840.30

2.6. Operations Emissions by Sector, Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39
Area	15.7382	15.6706	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	0.00000	680.106	680.106	0.08301	0.01018	—	685.215
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	922.353	922.353	0.11671	0.01415	—	929.487
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	19.2944	18.8457	2.62768	45.2858	0.08666	0.05347	8.54902	8.60249	0.04865	2.17159	2.22024	385.414	10,499.5	10,884.9	39.1352	0.38563	27.6630	12,005.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Area	14.4972	14.4972	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	922.353	922.353	0.11671	0.01415	—	929.487
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	18.0256	17.6428	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	385.414	10,098.2	10,483.6	39.1445	0.40052	8.43204	11,590.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.50358	3.12083	2.76639	29.9064	0.08344	0.04698	8.44182	8.48880	0.04376	2.14479	2.18856	—	8,532.33	8,532.33	0.36564	0.33336	8.52480	8,649.34
Area	15.3472	15.3009	0.08468	9.11627	0.00040	0.00445	—	0.00445	0.00335	—	0.00335	0.00000	68.7398	68.7398	0.00661	0.00088	—	69.1678
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	922.353	922.353	0.11671	0.01415	—	929.487
Water	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Waste	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Total	18.8507	18.4217	2.85107	39.0227	0.08384	0.05143	8.44182	8.49325	0.04711	2.14479	2.19191	385.414	9,621.14	10,006.5	39.0677	0.39276	16.4449	11,116.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00
Area	2.80086	2.79242	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	0.00000	11.3807	11.3807	0.00109	0.00015	—	11.4515
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	152.706	152.706	0.01932	0.00234	—	153.887
Water	—	—	—	—	—	—	—	—	—	—	—	2.91382	16.1775	19.0913	0.30083	0.00735	—	28.8014
Waste	—	—	—	—	—	—	—	—	—	—	—	60.8959	0.00000	60.8959	6.08633	0.00000	—	213.054
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31127	1.31127
Total	3.44026	3.36197	0.52032	7.12164	0.01530	0.00939	1.54063	1.55002	0.00860	0.39142	0.40002	63.8097	1,592.89	1,656.70	6.46811	0.06503	2.72265	1,840.50

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00

4.1.2. Mitigated

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

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

Retirement Community	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.55628	3.17508	2.50405	31.9760	0.08608	0.04697	8.54902	8.59599	0.04376	2.17159	2.21535	—	8,799.29	8,799.29	0.35671	0.31693	19.7428	8,922.39
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	3.52846	3.14563	2.73823	29.0565	0.08247	0.04699	8.54902	8.59601	0.04378	2.17159	2.21537	—	8,433.95	8,433.95	0.36750	0.33212	0.51190	8,542.62
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Total	0.63940	0.56955	0.50487	5.45792	0.01523	0.00857	1.54063	1.54921	0.00799	0.39142	0.39941	—	1,412.62	1,412.62	0.06054	0.05519	1.41138	1,432.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	285.815	285.815	0.03617	0.00438	—	288.026
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	921.147	921.147	0.11656	0.01413	—	928.271
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635.332	635.332	0.08039	0.00974	—	640.246
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	285.815	285.815	0.03617	0.00438	—	288.026

Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	921.147	921.147	0.11656	0.01413	—	928.271
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105.186	105.186	0.01331	0.00161	—	106.000
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	47.3199	47.3199	0.00599	0.00073	—	47.6859
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	152.506	152.506	0.01930	0.00234	—	153.686

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	285.815	285.815	0.03617	0.00438	—	288.026

Recreational Swimming	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	922.353	922.353	0.11671	0.01415	—	929.487
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	636.538	636.538	0.08055	0.00976	—	641.461
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	285.815	285.815	0.03617	0.00438	—	288.026
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	922.353	922.353	0.11671	0.01415	—	929.487
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105.386	105.386	0.01334	0.00162	—	106.201
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	47.3199	47.3199	0.00599	0.00073	—	47.6859
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	152.706	152.706	0.01932	0.00234	—	153.887

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Consumer Products	13.4159	13.4159	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	1.08131	1.08131	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.24098	1.17346	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	—	35.9439	35.9439	0.00150	0.00030	—	36.0705
Total	15.7382	15.6706	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	0.00000	680.106	680.106	0.08301	0.01018	—	685.215
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Consumer Products	13.4159	13.4159	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08131	1.08131	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	14.4972	14.4972	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	7.30469	7.30469	0.00092	0.00011	—	7.36118
Consumer Products	2.44840	2.44840	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19734	0.19734	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.15512	0.14668	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	—	4.07598	4.07598	0.00017	0.00003	—	4.09033
Total	2.80086	2.79242	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	0.00000	11.3807	11.3807	0.00109	0.00015	—	11.4515

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Consumer Products	13.4159	13.4159	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08131	1.08131	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.24098	1.17346	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	—	35.9439	35.9439	0.00150	0.00030	—	36.0705
Total	15.7382	15.6706	0.12363	13.3098	0.00058	0.00649	—	0.00649	0.00489	—	0.00489	0.00000	680.106	680.106	0.08301	0.01018	—	685.215
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Consumer Products	13.4159	13.4159	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08131	1.08131	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	14.4972	14.4972	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	644.162	644.162	0.08151	0.00988	—	649.144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	7.30469	7.30469	0.00092	0.00011	—	7.36118

Consum Products	2.44840	2.44840	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.19734	0.19734	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.15512	0.14668	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	—	4.07598	4.07598	0.00017	0.00003	—	4.09033
Total	2.80086	2.79242	0.01545	1.66372	0.00007	0.00081	—	0.00081	0.00061	—	0.00061	0.00000	11.3807	11.3807	0.00109	0.00015	—	11.4515

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	16.2850	94.3761	110.661	1.68178	0.04112	—	164.960
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	16.2850	94.3761	110.661	1.68178	0.04112	—	164.960
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	2.69617	15.6250	18.3212	0.27844	0.00681	—	27.3110
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.36195	0.50455	0.01467	0.00035	—	0.97644
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.19050	0.26555	0.00772	0.00019	—	0.51391
Total	—	—	—	—	—	—	—	—	—	—	—	2.91382	16.1775	19.0913	0.30083	0.00735	—	28.8014

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	16.2850	94.3761	110.661	1.68178	0.04112	—	164.960

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	16.2850	94.3761	110.661	1.68178	0.04112	—	164.960
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	17.5996	97.7129	115.313	1.81701	0.04438	—	173.962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	2.69617	15.6250	18.3212	0.27844	0.00681	—	27.3110
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.36195	0.50455	0.01467	0.00035	—	0.97644
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.19050	0.26555	0.00772	0.00019	—	0.51391
Total	—	—	—	—	—	—	—	—	—	—	—	2.91382	16.1775	19.0913	0.30083	0.00735	—	28.8014

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	332.180	0.00000	332.180	33.2002	0.00000	—	1,162.18
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	332.180	0.00000	332.180	33.2002	0.00000	—	1,162.18
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	54.9962	0.00000	54.9962	5.49667	0.00000	—	192.413
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	60.8959	0.00000	60.8959	6.08633	0.00000	—	213.054

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	332.180	0.00000	332.180	33.2002	0.00000	—	1,162.18
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	332.180	0.00000	332.180	33.2002	0.00000	—	1,162.18
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	367.815	0.00000	367.815	36.7617	0.00000	—	1,286.86
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	54.9962	0.00000	54.9962	5.49667	0.00000	—	192.413
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	60.8959	0.00000	60.8959	6.08633	0.00000	—	213.054

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.86445	7.86445
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.86445	7.86445
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.30205	1.30205
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31127	1.31127

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.86445	7.86445
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.86445	7.86445
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.92014	7.92014

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.30205	1.30205
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.31127	1.31127

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	1,067.27	1,067.27	1,067.27	389,553	12,053.9	12,053.9	12,053.9	4,399,678
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	1,067.27	1,067.27	1,067.27	389,553	12,053.9	12,053.9	12,053.9	4,399,678
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Retirement Community	Wood Fireplaces	0	0
Retirement Community	Gas Fireplaces	0	0
Retirement Community	Propane Fireplaces	0	0
Retirement Community	Electric Fireplaces	228	228
Retirement Community	No Fireplaces	0	0

Retirement Community	Conventional Wood Stoves	0	0
Retirement Community	Catalytic Wood Stoves	0	0
Retirement Community	Non-Catalytic Wood Stoves	0	0
Retirement Community	Pellet Wood Stoves	0	0
Health Club	Wood Fireplaces	0	0
Health Club	Gas Fireplaces	0	0
Health Club	Propane Fireplaces	0	0
Health Club	Electric Fireplaces	0	0
Health Club	No Fireplaces	0	0
Health Club	Conventional Wood Stoves	0	0
Health Club	Catalytic Wood Stoves	0	0
Health Club	Non-Catalytic Wood Stoves	0	0
Health Club	Pellet Wood Stoves	0	0
Recreational Swimming Pool	Wood Fireplaces	0	0
Recreational Swimming Pool	Gas Fireplaces	0	0
Recreational Swimming Pool	Propane Fireplaces	0	0
Recreational Swimming Pool	Electric Fireplaces	0	0
Recreational Swimming Pool	No Fireplaces	0	0
Recreational Swimming Pool	Conventional Wood Stoves	0	0
Recreational Swimming Pool	Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Non-Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1,254,103	418,034	11,400.0	3,800.00	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	889,213	260.788	0.0330	0.0040	0.00000
Health Club	400,028	260.788	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	260.788	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	890,901	260.788	0.0330	0.0040	0.00000
Health Club	400,028	260.788	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	260.788	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	8,498,426	13,989,221
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	8,498,426	13,989,221
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	616.359	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	616.359	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000

Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077

Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3

Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000

Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	228 Homes
Construction: Construction Phases	Estimated schedule
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips
Operations: Hearths	No woodburning or gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	45.6000	37.1000
Building Area	sq. ft	241,680	619,310
Landscape Area	sq. ft	—	816,119
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.17447	3.00000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.09183	0.10000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Weekday Trip Rate	size/day	2.40000	4.68100
Retirement Community	Saturday Trip Rate	size/day	2.03000	4.68100
Retirement Community	Sunday Trip Rate	size/day	1.95000	4.68100
Health Club	Weekday Trip Rate	size/day	32.9300	0.00000
Health Club	Saturday Trip Rate	size/day	20.8700	0.00000
Health Club	Sunday Trip Rate	size/day	26.7300	0.00000
Recreational Swimming Pool	Weekday Trip Rate	size/day	28.8200	0.00000
Recreational Swimming Pool	Saturday Trip Rate	size/day	9.10000	0.00000
Recreational Swimming Pool	Sunday Trip Rate	size/day	13.6000	0.00000

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Default Value	New Value
Retirement Community	Wood Fireplaces	11	0
Retirement Community	Gas Fireplaces	194	0
Retirement Community	Electric Fireplaces	0	228
Retirement Community	No Fireplaces	23	0
Retirement Community	Catalytic Wood Stoves	11	0
Retirement Community	Non-Catalytic Wood Stoves	11	0

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Electricity	kWh/yr	874,390	889,213
Retirement Community	Electricity (Subject to Title 24)	kWh/yr	225,930	504,787
Retirement Community	Electricity (Not Subject to Title 24)	kWh/yr	648,460	384,426
Retirement Community	Natural Gas	kBTU/yr	3,717,694	0.00000
Retirement Community	Natural Gas (Subject to Title 24)	kBTU/yr	3,239,827	0.00000
Retirement Community	Natural Gas (Not Subject to Title 24)	kBTU/yr	477,867	0.00000
Health Club	Electricity	kWh/yr	72,904.8	400,028
Health Club	Electricity (Subject to Title 24)	kWh/yr	62,190.2	344,109
Health Club	Electricity (Not Subject to Title 24)	kWh/yr	10,714.6	55,919.2
Health Club	Natural Gas	kBTU/yr	325,295	0.00000
Health Club	Natural Gas (Subject to Title 24)	kBTU/yr	122,463	0.00000
Health Club	Natural Gas (Not Subject to Title 24)	kBTU/yr	202,832	0.00000

Belcaro at Sand Canyon Phase 3 Home Building Regional - Revised Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 3 Home Building Regional - Revised
Operational Year	2031
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	113.000	Dwelling Unit	21.3000	306,938	408,059	0.00000	334.000	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.38394	9.17076	1.24060	21.7966	0.04230	0.02504	4.23709	4.26212	0.02282	1.07629	1.09911	172.439	4,987.72	5,160.16	17.5121	0.18355	12.4818	5,665.14
Mit.	9.38394	9.17076	1.24060	21.7966	0.04230	0.02504	4.23709	4.26212	0.02282	1.07629	1.09911	172.439	4,988.93	5,161.37	17.5122	0.18357	12.4818	5,666.36
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.78645	8.60383	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	172.439	4,792.55	4,964.99	17.5164	0.19070	4.12030	5,463.85
Mit.	8.78645	8.60383	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	172.439	4,793.76	4,966.20	17.5165	0.19072	4.12030	5,465.06
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.17504	8.97106	1.34480	18.7723	0.04093	0.02413	4.18396	4.20809	0.02214	1.06301	1.08514	172.439	4,852.23	5,024.67	17.5160	0.19139	7.60425	5,527.20
Mit.	9.17504	8.97106	1.34480	18.7723	0.04093	0.02413	4.18396	4.20809	0.02214	1.06301	1.08514	172.439	4,853.43	5,025.87	17.5161	0.19141	7.60425	5,528.42
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.67445	1.63722	0.24543	3.42594	0.00747	0.00440	0.76357	0.76798	0.00404	0.19400	0.19804	28.5492	803.342	831.891	2.89997	0.03169	1.25897	915.092
Mit.	1.67445	1.63722	0.24543	3.42594	0.00747	0.00440	0.76357	0.76798	0.00404	0.19400	0.19804	28.5492	803.541	832.090	2.90000	0.03169	1.25897	915.293
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Area	7.68003	7.64883	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	0.00000	17.1407	17.1407	0.00072	0.00014	—	17.2010
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	629.759	629.759	0.07969	0.00966	—	634.630
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	9.38394	9.17076	1.24060	21.7966	0.04230	0.02504	4.23709	4.26212	0.02282	1.07629	1.09911	172.439	4,987.72	5,160.16	17.5121	0.18355	12.4818	5,665.14
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Area	7.09481	7.09481	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	629.759	629.759	0.07969	0.00966	—	634.630
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	8.78645	8.60383	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	172.439	4,792.55	4,964.99	17.5164	0.19070	4.12030	5,463.85
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.67940	1.49678	1.30395	14.3639	0.04074	0.02214	4.18396	4.20610	0.02063	1.06301	1.08364	—	4,163.72	4,163.72	0.17432	0.16125	3.70652	4,219.84
Area	7.49564	7.47428	0.04085	4.40843	0.00019	0.00199	—	0.00199	0.00150	—	0.00150	0.00000	11.7402	11.7402	0.00049	0.00010	—	11.7815
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	629.759	629.759	0.07969	0.00966	—	634.630
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	9.17504	8.97106	1.34480	18.7723	0.04093	0.02413	4.18396	4.20809	0.02214	1.06301	1.08514	172.439	4,852.23	5,024.67	17.5160	0.19139	7.60425	5,527.20
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642
Area	1.36796	1.36406	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	0.00000	1.94372	1.94372	0.00008	0.00002	—	1.95056
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	104.264	104.264	0.01319	0.00160	—	105.070
Water	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745
Waste	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531
Total	1.67445	1.63722	0.24543	3.42594	0.00747	0.00440	0.76357	0.76798	0.00404	0.19400	0.19804	28.5492	803.342	831.891	2.89997	0.03169	1.25897	915.092

2.6. Operations Emissions by Sector, Mitigated

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

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

Mobile	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Area	7.68003	7.64883	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	0.00000	17.1407	17.1407	0.00072	0.00014	—	17.2010
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	630.965	630.965	0.07984	0.00968	—	635.845
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	9.38394	9.17076	1.24060	21.7966	0.04230	0.02504	4.23709	4.26212	0.02282	1.07629	1.09911	172.439	4,988.93	5,161.37	17.5122	0.18357	12.4818	5,666.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Area	7.09481	7.09481	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	630.965	630.965	0.07984	0.00968	—	635.845
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	8.78645	8.60383	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	172.439	4,793.76	4,966.20	17.5165	0.19072	4.12030	5,465.06
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.67940	1.49678	1.30395	14.3639	0.04074	0.02214	4.18396	4.20610	0.02063	1.06301	1.08364	—	4,163.72	4,163.72	0.17432	0.16125	3.70652	4,219.84
Area	7.49564	7.47428	0.04085	4.40843	0.00019	0.00199	—	0.00199	0.00150	—	0.00150	0.00000	11.7402	11.7402	0.00049	0.00010	—	11.7815
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	630.965	630.965	0.07984	0.00968	—	635.845
Water	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Waste	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	9.17504	8.97106	1.34480	18.7723	0.04093	0.02413	4.18396	4.20809	0.02214	1.06301	1.08514	172.439	4,853.43	5,025.87	17.5161	0.19141	7.60425	5,528.42
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642
Area	1.36796	1.36406	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	0.00000	1.94372	1.94372	0.00008	0.00002	—	1.95056

Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	104.463	104.463	0.01322	0.00160	—	105.271
Water	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745
Waste	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531
Total	1.67445	1.63722	0.24543	3.42594	0.00747	0.00440	0.76357	0.76798	0.00404	0.19400	0.19804	28.5492	803.541	832.090	2.90000	0.03169	1.25897	915.293

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Total	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Total	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642
Total	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Total	1.70391	1.52193	1.18096	15.3603	0.04202	0.02214	4.23709	4.25923	0.02063	1.07629	1.09692	—	4,293.82	4,293.82	0.17018	0.15336	8.58404	4,352.36
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Total	1.69164	1.50901	1.29109	13.9560	0.04026	0.02215	4.23709	4.25924	0.02064	1.07629	1.09693	—	4,115.79	4,115.79	0.17518	0.16066	0.22257	4,168.26
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642
Total	0.30649	0.27316	0.23797	2.62140	0.00743	0.00404	0.76357	0.76761	0.00377	0.19400	0.19776	—	689.352	689.352	0.02886	0.02670	0.61366	698.642

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	629.759	629.759	0.07969	0.00966	—	634.630
Total	—	—	—	—	—	—	—	—	—	—	—	—	629.759	629.759	0.07969	0.00966	—	634.630
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	629.759	629.759	0.07969	0.00966	—	634.630
Total	—	—	—	—	—	—	—	—	—	—	—	—	629.759	629.759	0.07969	0.00966	—	634.630
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	104.264	104.264	0.01319	0.00160	—	105.070
Total	—	—	—	—	—	—	—	—	—	—	—	—	104.264	104.264	0.01319	0.00160	—	105.070

4.2.2. Electricity Emissions By Land Use - Mitigated

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

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

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	630.965	630.965	0.07984	0.00968	—	635.845
Total	—	—	—	—	—	—	—	—	—	—	—	—	630.965	630.965	0.07984	0.00968	—	635.845
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	630.965	630.965	0.07984	0.00968	—	635.845
Total	—	—	—	—	—	—	—	—	—	—	—	—	630.965	630.965	0.07984	0.00968	—	635.845
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	104.463	104.463	0.01322	0.00160	—	105.271
Total	—	—	—	—	—	—	—	—	—	—	—	—	104.463	104.463	0.01322	0.00160	—	105.271

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.56847	6.56847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.52634	0.52634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.58521	0.55402	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	—	17.1407	17.1407	0.00072	0.00014	—	17.2010
Total	7.68003	7.64883	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	0.00000	17.1407	17.1407	0.00072	0.00014	—	17.2010
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Consumer Products	6.56847	6.56847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.52634	0.52634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.09481	7.09481	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	1.19875	1.19875	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.09606	0.09606	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07315	0.06925	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	—	1.94372	1.94372	0.00008	0.00002	—	1.95056
Total	1.36796	1.36406	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	0.00000	1.94372	1.94372	0.00008	0.00002	—	1.95056

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.56847	6.56847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.52634	0.52634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.58521	0.55402	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	—	17.1407	17.1407	0.00072	0.00014	—	17.2010
Total	7.68003	7.64883	0.05964	6.43630	0.00028	0.00290	—	0.00290	0.00219	—	0.00219	0.00000	17.1407	17.1407	0.00072	0.00014	—	17.2010
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	6.56847	6.56847	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.52634	0.52634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	7.09481	7.09481	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Consumer Products	1.19875	1.19875	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.09606	0.09606	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07315	0.06925	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	—	1.94372	1.94372	0.00008	0.00002	—	1.95056
Total	1.36796	1.36406	0.00745	0.80454	0.00003	0.00036	—	0.00036	0.00027	—	0.00027	0.00000	1.94372	1.94372	0.00008	0.00002	—	1.95056

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Total	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Total	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745
Total	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745

4.4.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Total	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Total	—	—	—	—	—	—	—	—	—	—	—	8.07107	47.0067	55.0778	0.83354	0.02038	—	81.9910
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745
Total	—	—	—	—	—	—	—	—	—	—	—	1.33626	7.78250	9.11876	0.13800	0.00337	—	13.5745

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Total	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Total	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088
Total	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Total	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Total	—	—	—	—	—	—	—	—	—	—	—	164.368	0.00000	164.368	16.4279	0.00000	—	575.066
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088
Total	—	—	—	—	—	—	—	—	—	—	—	27.2129	0.00000	27.2129	2.71983	0.00000	—	95.2088

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89772	3.89772
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.64531	0.64531

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	528.953	528.953	528.953	193,068	5,974.09	5,974.09	5,974.09	2,180,542

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	528.953	528.953	528.953	193,068	5,974.09	5,974.09	5,974.09	2,180,542

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Retirement Community	Wood Fireplaces	0	0
Retirement Community	Gas Fireplaces	0	0
Retirement Community	Propane Fireplaces	0	0
Retirement Community	Electric Fireplaces	0	0
Retirement Community	No Fireplaces	113	113
Retirement Community	Conventional Wood Stoves	0	0
Retirement Community	Catalytic Wood Stoves	0	0
Retirement Community	Non-Catalytic Wood Stoves	0	0
Retirement Community	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
621,549	207,183	0.00000	0.00000	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	881,413	260.788	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	883,101	260.788	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,211,939	6,994,604

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,211,939	6,994,604

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	304.984	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	304.984	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000
Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422

Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0

Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000
Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	113 homes on 21.3 acres
Construction: Construction Phases	Applicant provided schedule.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased. Applicant also provided input on construction equipment quantities and types.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips
Operations: Hearths	no woodburning or natural gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	22.6000	21.3000
Building Area	sq. ft	119,780	306,938
Landscape Area	sq. ft	—	408,059
Special Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Weekday Trip Rate	size/day	2.40000	4.68100
Retirement Community	Saturday Trip Rate	size/day	2.03000	4.68100
Retirement Community	Sunday Trip Rate	size/day	1.95000	4.68100

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Default Value	New Value
Retirement Community	Wood Fireplaces	6	0
Retirement Community	Gas Fireplaces	96	0
Retirement Community	No Fireplaces	11	113
Retirement Community	Catalytic Wood Stoves	6	0
Retirement Community	Non-Catalytic Wood Stoves	6	0

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Electricity	kWh/yr	433,360	881,413
Retirement Community	Electricity (Subject to Title 24)	kWh/yr	111,974	500,359
Retirement Community	Electricity (Not Subject to Title 24)	kWh/yr	321,386	381,054
Retirement Community	Natural Gas	kBTU/yr	1,842,541	0.00000
Retirement Community	Natural Gas (Subject to Title 24)	kBTU/yr	1,605,704	0.00000
Retirement Community	Natural Gas (Not Subject to Title 24)	kBTU/yr	236,837	0.00000

Belcaro at Sand Canyon Buildout Regional - Revised Detailed Report

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7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

8.1. Justifications

8.3. Land Use

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

8.5.2. Area Sources

8.5.2.1. Hearths

8.5.3. Energy Usage

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Buildout Regional - Revised
Operational Year	2032
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50000
Precipitation (days)	19.6000
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	341.000	Dwelling Unit	58.4000	926,248	1,224,178	0.00000	1,009.00	Active Senior Living
Health Club	7.60000	1000sqft	3.00000	7,600.00	0.00000	0.00000	—	—

Recreational Swimming Pool	4.00000	1000sqft	0.10000	4,000.00	0.00000	0.00000	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.4246	27.7909	3.59031	64.9498	0.12594	0.07298	12.7865	12.8594	0.06635	3.24798	3.31433	557.853	16,450.2	17,008.0	56.7818	0.57202	34.4249	18,632.4
Mit.	28.4246	27.7909	3.59031	64.9498	0.12594	0.07298	12.7865	12.8594	0.06635	3.24798	3.31433	557.853	16,451.4	17,009.2	56.7819	0.57203	34.4249	18,633.7
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	26.5676	26.0310	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	557.853	15,867.7	16,425.6	56.7937	0.59299	12.4040	18,034.5
Mit.	26.5676	26.0310	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	557.853	15,868.9	16,426.8	56.7939	0.59301	12.4040	18,035.7
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.7802	27.1760	3.88599	55.7873	0.12184	0.07006	12.6261	12.6962	0.06415	3.20790	3.27205	557.853	15,149.1	15,707.0	56.6793	0.58124	21.5794	17,318.8
Mit.	27.7802	27.1760	3.88599	55.7873	0.12184	0.07006	12.6261	12.6962	0.06415	3.20790	3.27205	557.853	15,150.3	15,708.2	56.6794	0.58125	21.5794	17,320.0

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.06988	4.95963	0.70919	10.1812	0.02224	0.01279	2.30427	2.31706	0.01171	0.58544	0.59715	92.3589	2,508.11	2,600.47	9.38390	0.09623	3.57272	2,867.32
Mit.	5.06988	4.95963	0.70919	10.1812	0.02224	0.01279	2.30427	2.31706	0.01171	0.58544	0.59715	92.3589	2,508.31	2,600.67	9.38392	0.09623	3.57272	2,867.52
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7
Area	23.4160	23.3174	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	0.00000	1,016.50	1,016.50	0.12413	0.01522	—	1,024.14
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,509.49	2,509.49	0.31755	0.03849	—	2,528.90
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	28.4246	27.7909	3.59031	64.9498	0.12594	0.07298	12.7865	12.8594	0.06635	3.24798	3.31433	557.853	16,450.2	17,008.0	56.7818	0.57202	34.4249	18,632.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Area	21.5920	21.5920	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,509.49	2,509.49	0.31755	0.03849	—	2,528.90
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	26.5676	26.0310	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	557.853	15,867.7	16,425.6	56.7937	0.59299	12.4040	18,034.5
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.93882	4.40227	3.76118	42.2522	0.12125	0.06367	12.6261	12.6898	0.05935	3.20790	3.26725	—	12,392.6	12,392.6	0.51159	0.47667	9.76154	12,557.2
Area	22.8413	22.7738	0.12480	13.5351	0.00059	0.00638	—	0.00638	0.00480	—	0.00480	0.00000	102.347	102.347	0.00987	0.00131	—	102.985
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,509.49	2,509.49	0.31755	0.03849	—	2,528.90
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	27.7802	27.1760	3.88599	55.7873	0.12184	0.07006	12.6261	12.6962	0.06415	3.20790	3.27205	557.853	15,149.1	15,707.0	56.6793	0.58124	21.5794	17,318.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99
Area	4.16854	4.15621	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	0.00000	16.9447	16.9447	0.00163	0.00022	—	17.0504
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	415.475	415.475	0.05257	0.00637	—	418.688
Water	—	—	—	—	—	—	—	—	—	—	—	4.25008	23.9600	28.2101	0.43883	0.01072	—	42.3759
Waste	—	—	—	—	—	—	—	—	—	—	—	88.1088	0.00000	88.1088	8.80616	0.00000	—	308.263
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.95658	1.95658
Total	5.06988	4.95963	0.70919	10.1812	0.02224	0.01279	2.30427	2.31706	0.01171	0.58544	0.59715	92.3589	2,508.11	2,600.47	9.38390	0.09623	3.57272	2,867.32

2.6. Operations Emissions by Sector, Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7
Area	23.4160	23.3174	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	0.00000	1,016.50	1,016.50	0.12413	0.01522	—	1,024.14
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,510.70	2,510.70	0.31770	0.03851	—	2,530.12
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	28.4246	27.7909	3.59031	64.9498	0.12594	0.07298	12.7865	12.8594	0.06635	3.24798	3.31433	557.853	16,451.4	17,009.2	56.7819	0.57203	34.4249	18,633.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Area	21.5920	21.5920	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,510.70	2,510.70	0.31770	0.03851	—	2,530.12
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	26.5676	26.0310	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	557.853	15,868.9	16,426.8	56.7939	0.59301	12.4040	18,035.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.93882	4.40227	3.76118	42.2522	0.12125	0.06367	12.6261	12.6898	0.05935	3.20790	3.26725	—	12,392.6	12,392.6	0.51159	0.47667	9.76154	12,557.2
Area	22.8413	22.7738	0.12480	13.5351	0.00059	0.00638	—	0.00638	0.00480	—	0.00480	0.00000	102.347	102.347	0.00987	0.00131	—	102.985
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	2,510.70	2,510.70	0.31770	0.03851	—	2,530.12
Water	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Waste	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Total	27.7802	27.1760	3.88599	55.7873	0.12184	0.07006	12.6261	12.6962	0.06415	3.20790	3.27205	557.853	15,150.3	15,708.2	56.6794	0.58125	21.5794	17,320.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99
Area	4.16854	4.15621	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	0.00000	16.9447	16.9447	0.00163	0.00022	—	17.0504
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	415.675	415.675	0.05260	0.00638	—	418.890
Water	—	—	—	—	—	—	—	—	—	—	—	4.25008	23.9600	28.2101	0.43883	0.01072	—	42.3759
Waste	—	—	—	—	—	—	—	—	—	—	—	88.1088	0.00000	88.1088	8.80616	0.00000	—	308.263
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.95658	1.95658
Total	5.06988	4.95963	0.70919	10.1812	0.02224	0.01279	2.30427	2.31706	0.01171	0.58544	0.59715	92.3589	2,508.31	2,600.67	9.38392	0.09623	3.57272	2,867.52

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99

4.1.2. Mitigated

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

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

Retirement Community	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	5.00857	4.47357	3.40811	45.1886	0.12508	0.06366	12.7865	12.8501	0.05934	3.24798	3.30732	—	12,779.4	12,779.4	0.49985	0.45355	22.6071	12,949.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	4.97556	4.43906	3.72525	41.0542	0.11984	0.06369	12.7865	12.8502	0.05936	3.24798	3.30735	—	12,250.1	12,250.1	0.51402	0.47496	0.58618	12,405.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Total	0.90133	0.80341	0.68642	7.71103	0.02213	0.01162	2.30427	2.31589	0.01083	0.58544	0.59627	—	2,051.73	2,051.73	0.08470	0.07892	1.61613	2,078.99

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	1,900.36	1,900.36	0.24047	0.02915	—	1,915.06
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	609.133	609.133	0.07708	0.00934	—	613.844
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,509.49	2,509.49	0.31755	0.03849	—	2,528.90
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	1,900.36	1,900.36	0.24047	0.02915	—	1,915.06
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	609.133	609.133	0.07708	0.00934	—	613.844

Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,509.49	2,509.49	0.31755	0.03849	—	2,528.90
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	314.626	314.626	0.03981	0.00483	—	317.060
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	100.849	100.849	0.01276	0.00155	—	101.629
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	415.475	415.475	0.05257	0.00637	—	418.688

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	1,901.57	1,901.57	0.24062	0.02917	—	1,916.27
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	609.133	609.133	0.07708	0.00934	—	613.844

Recreational Swimming	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,510.70	2,510.70	0.31770	0.03851	—	2,530.12
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	1,901.57	1,901.57	0.24062	0.02917	—	1,916.27
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	609.133	609.133	0.07708	0.00934	—	613.844
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,510.70	2,510.70	0.31770	0.03851	—	2,530.12
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	314.826	314.826	0.03984	0.00483	—	317.261
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	100.849	100.849	0.01276	0.00155	—	101.629
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	415.675	415.675	0.05260	0.00638	—	418.890

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Consumer Products	19.9843	19.9843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	1.60765	1.60765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.82405	1.72539	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	—	53.0846	53.0846	0.00222	0.00044	—	53.2714
Total	23.4160	23.3174	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	0.00000	1,016.50	1,016.50	0.12413	0.01522	—	1,024.14
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Consumer Products	19.9843	19.9843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.60765	1.60765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	21.5920	21.5920	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	10.9250	10.9250	0.00138	0.00017	—	11.0095
Consumer Products	3.64714	3.64714	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.29340	0.29340	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.22801	0.21567	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	—	6.01970	6.01970	0.00025	0.00005	—	6.04089
Total	4.16854	4.15621	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	0.00000	16.9447	16.9447	0.00163	0.00022	—	17.0504

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Consumer Products	19.9843	19.9843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.60765	1.60765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.82405	1.72539	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	—	53.0846	53.0846	0.00222	0.00044	—	53.2714
Total	23.4160	23.3174	0.18221	19.7613	0.00086	0.00932	—	0.00932	0.00701	—	0.00701	0.00000	1,016.50	1,016.50	0.12413	0.01522	—	1,024.14
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Consumer Products	19.9843	19.9843	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.60765	1.60765	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	21.5920	21.5920	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	963.418	963.418	0.12191	0.01478	—	970.870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	0.00000	10.9250	10.9250	0.00138	0.00017	—	11.0095

Consum Products	3.64714	3.64714	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.29340	0.29340	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.22801	0.21567	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	—	6.01970	6.01970	0.00025	0.00005	—	6.04089
Total	4.16854	4.15621	0.02278	2.47016	0.00011	0.00116	—	0.00116	0.00088	—	0.00088	0.00000	16.9447	16.9447	0.00163	0.00022	—	17.0504

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	24.3561	141.383	165.739	2.51533	0.06151	—	246.951
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	24.3561	141.383	165.739	2.51533	0.06151	—	246.951
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	4.03242	23.4075	27.4400	0.41644	0.01018	—	40.8856
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.36195	0.50455	0.01467	0.00035	—	0.97644
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.19050	0.26555	0.00772	0.00019	—	0.51391
Total	—	—	—	—	—	—	—	—	—	—	—	4.25008	23.9600	28.2101	0.43883	0.01072	—	42.3759

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	24.3561	141.383	165.739	2.51533	0.06151	—	246.951

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	24.3561	141.383	165.739	2.51533	0.06151	—	246.951
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86132	2.18620	3.04752	0.08860	0.00213	—	5.89774
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45333	1.15063	1.60396	0.04663	0.00112	—	3.10407
Total	—	—	—	—	—	—	—	—	—	—	—	25.6707	144.720	170.390	2.65055	0.06476	—	255.953
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	4.03242	23.4075	27.4400	0.41644	0.01018	—	40.8856
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14260	0.36195	0.50455	0.01467	0.00035	—	0.97644
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.07505	0.19050	0.26555	0.00772	0.00019	—	0.51391
Total	—	—	—	—	—	—	—	—	—	—	—	4.25008	23.9600	28.2101	0.43883	0.01072	—	42.3759

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	496.548	0.00000	496.548	49.6281	0.00000	—	1,737.25
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	496.548	0.00000	496.548	49.6281	0.00000	—	1,737.25
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	82.2091	0.00000	82.2091	8.21651	0.00000	—	287.622
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	88.1088	0.00000	88.1088	8.80616	0.00000	—	308.263

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	496.548	0.00000	496.548	49.6281	0.00000	—	1,737.25
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	496.548	0.00000	496.548	49.6281	0.00000	—	1,737.25
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3468	0.00000	23.3468	2.33343	0.00000	—	81.6826
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.2878	0.00000	12.2878	1.22812	0.00000	—	42.9909
Total	—	—	—	—	—	—	—	—	—	—	—	532.182	0.00000	532.182	53.1897	0.00000	—	1,861.92
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	82.2091	0.00000	82.2091	8.21651	0.00000	—	287.622
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.86533	0.00000	3.86533	0.38633	0.00000	—	13.5235
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03439	0.00000	2.03439	0.20333	0.00000	—	7.11763
Total	—	—	—	—	—	—	—	—	—	—	—	88.1088	0.00000	88.1088	8.80616	0.00000	—	308.263

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.7622	11.7622
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.7622	11.7622
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.94736	1.94736
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.95658	1.95658

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.7622	11.7622
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.7622	11.7622
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03648	0.03648
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01920	0.01920
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.8179	11.8179

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.94736	1.94736
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00604	0.00604
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00318	0.00318
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.95658	1.95658

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	1,596.22	1,596.22	1,596.22	582,621	18,028.0	18,028.0	18,028.0	6,580,221
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	1,596.22	1,596.22	1,596.22	582,621	18,028.0	18,028.0	18,028.0	6,580,221
Health Club	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Recreational Swimming Pool	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Retirement Community	Wood Fireplaces	0	0
Retirement Community	Gas Fireplaces	0	0
Retirement Community	Propane Fireplaces	0	0
Retirement Community	Electric Fireplaces	341	341
Retirement Community	No Fireplaces	0	0

Retirement Community	Conventional Wood Stoves	0	0
Retirement Community	Catalytic Wood Stoves	0	0
Retirement Community	Non-Catalytic Wood Stoves	0	0
Retirement Community	Pellet Wood Stoves	0	0
Health Club	Wood Fireplaces	0	0
Health Club	Gas Fireplaces	0	0
Health Club	Propane Fireplaces	0	0
Health Club	Electric Fireplaces	0	0
Health Club	No Fireplaces	0	0
Health Club	Conventional Wood Stoves	0	0
Health Club	Catalytic Wood Stoves	0	0
Health Club	Non-Catalytic Wood Stoves	0	0
Health Club	Pellet Wood Stoves	0	0
Recreational Swimming Pool	Wood Fireplaces	0	0
Recreational Swimming Pool	Gas Fireplaces	0	0
Recreational Swimming Pool	Propane Fireplaces	0	0
Recreational Swimming Pool	Electric Fireplaces	0	0
Recreational Swimming Pool	No Fireplaces	0	0
Recreational Swimming Pool	Conventional Wood Stoves	0	0
Recreational Swimming Pool	Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Non-Catalytic Wood Stoves	0	0
Recreational Swimming Pool	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1,875,652	625,217	11,400.0	3,800.00	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	2,659,751	260.788	0.0330	0.0040	0.00000
Health Club	852,545	260.788	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	260.788	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	2,661,439	260.788	0.0330	0.0040	0.00000
Health Club	852,545	260.788	0.0330	0.0040	0.00000
Recreational Swimming Pool	0.00000	260.788	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	12,710,366	20,983,828
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	12,710,366	20,983,828
Health Club	449,488	0.00000
Recreational Swimming Pool	236,573	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	921.343	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	921.343	0.00000
Health Club	43.3200	0.00000
Recreational Swimming Pool	22.8000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430.00	0.22222	0.60000	0.00000	1.000000
Health Club	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430.00	0.03750	1.000000	0.00000	1.000000

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0200	annual days of extreme heat
Extreme Precipitation	7.50000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8400	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	50.0560
AQ-DPM	7.25576
Drinking Water	68.4151
Lead Risk Housing	22.9868
Pesticides	0.00000
Toxic Releases	39.0723
Traffic	82.2000
Effect Indicators	—
CleanUp Sites	54.7032
Groundwater	22.1152
Haz Waste Facilities/Generators	26.6711
Impaired Water Bodies	12.4528
Solid Waste	0.00000

Sensitive Population	—
Asthma	33.6989
Cardio-vascular	23.4671
Low Birth Weights	1.68078
Socioeconomic Factor Indicators	—
Education	5.09997
Housing	28.6946
Linguistic	7.37583
Poverty	4.17085
Unemployment	74.1020

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077

Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3

Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0000

Healthy Places Index Score for Project Location (b)	75.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	341 dwelling units on 58.4 acres
Construction: Construction Phases	Estimated schedule
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Construction: Trips and VMT	Even number of trips.
Operations: Vehicle Data	Only residential trips. Gibson Transportation January 2026 Trip Generation Rates
Operations: Hearths	no woodburning or natural gas fireplaces
Operations: Energy Use	All electric development

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	68.2000	58.4000
Building Area	sq. ft	361,460	926,248
Landscape Area	sq. ft	—	1,224,178
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.17447	3.00000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	0.09183	0.10000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Weekday Trip Rate	size/day	2.40000	4.68100
Retirement Community	Saturday Trip Rate	size/day	2.03000	4.68100
Retirement Community	Sunday Trip Rate	size/day	1.95000	4.68100
Health Club	Weekday Trip Rate	size/day	32.9300	0.00000
Health Club	Saturday Trip Rate	size/day	20.8700	0.00000
Health Club	Sunday Trip Rate	size/day	26.7300	0.00000
Recreational Swimming Pool	Weekday Trip Rate	size/day	28.8200	0.00000
Recreational Swimming Pool	Saturday Trip Rate	size/day	9.10000	0.00000
Recreational Swimming Pool	Sunday Trip Rate	size/day	13.6000	0.00000

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Default Value	New Value
Retirement Community	Wood Fireplaces	17	0
Retirement Community	Gas Fireplaces	290	0
Retirement Community	Electric Fireplaces	0	341
Retirement Community	No Fireplaces	34	0
Retirement Community	Catalytic Wood Stoves	17	0
Retirement Community	Non-Catalytic Wood Stoves	17	0

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Retirement Community	Electricity	kWh/yr	1,307,750	2,659,751
Retirement Community	Electricity (Subject to Title 24)	kWh/yr	337,904	1,509,856
Retirement Community	Electricity (Not Subject to Title 24)	kWh/yr	969,846	1,149,895
Retirement Community	Natural Gas	kBTU/yr	5,560,235	0.00000
Retirement Community	Natural Gas (Subject to Title 24)	kBTU/yr	4,845,531	0.00000
Retirement Community	Natural Gas (Not Subject to Title 24)	kBTU/yr	714,704	0.00000
Health Club	Electricity	kWh/yr	72,904.8	852,545
Health Club	Electricity (Subject to Title 24)	kWh/yr	62,190.2	727,248
Health Club	Electricity (Not Subject to Title 24)	kWh/yr	10,714.6	125,296
Health Club	Natural Gas	kBTU/yr	325,295	0.00000
Health Club	Natural Gas (Subject to Title 24)	kBTU/yr	122,463	0.00000
Health Club	Natural Gas (Not Subject to Title 24)	kBTU/yr	202,832	0.00000

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CalEEMod LST Output Files

Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving LST Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving LST
Construction Start Date	9/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Asphalt Surfaces	43.2	Acre	43.2	0.00	1,224,178	0.00	—	—

Other Non-Asphalt Surfaces	82.7	Acre	82.7	0.00	0.00	0.00	—	—
Parking Lot	0.77	Acre	0.77	0.00	9,350	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development
Refrigerants	R-1	Use Alternative Refrigerants Instead of High-GWP Refrigerants

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.6	10.6	89.9	98.2	0.23	3.58	9.05	12.6	3.29	3.96	6.35	—	25,173	25,173	1.03	0.21	0.05	25,262
Mit.	2.86	2.81	17.5	135	0.23	0.54	9.05	9.59	0.53	3.96	4.07	—	25,173	25,173	1.03	0.21	0.05	25,262
% Reduced	77%	74%	81%	-37%	—	85%	—	24%	84%	—	36%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.9	9.19	80.7	80.2	0.20	3.33	9.05	12.4	3.06	3.05	6.12	—	21,230	21,230	0.87	0.18	< 0.005	21,304
Mit.	3.31	3.25	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,230	21,230	0.87	0.18	< 0.005	21,304
% Reduced	70%	65%	86%	-39%	—	88%	—	24%	87%	—	44%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.88	4.14	33.6	37.1	0.09	1.34	3.30	4.63	1.23	1.11	2.34	—	9,379	9,379	0.39	0.08	0.01	9,412
Mit.	1.25	1.23	6.65	50.5	0.09	0.20	3.30	3.50	0.20	1.11	1.31	—	9,379	9,379	0.39	0.08	0.01	9,412
% Reduced	74%	70%	80%	-36%	—	85%	—	25%	84%	—	44%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.89	0.76	6.14	6.76	0.02	0.24	0.60	0.85	0.22	0.20	0.43	—	1,553	1,553	0.06	0.01	< 0.005	1,558
Mit.	0.23	0.22	1.21	9.22	0.02	0.04	0.60	0.64	0.04	0.20	0.24	—	1,553	1,553	0.06	0.01	< 0.005	1,558
% Reduced	74%	70%	80%	-36%	—	85%	—	25%	84%	—	44%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	10.9	9.19	80.7	80.1	0.20	3.33	9.05	12.4	3.06	3.96	6.12	—	21,230	21,230	0.87	0.18	0.04	21,304
2027	12.6	10.6	89.9	98.2	0.23	3.58	9.05	12.6	3.29	3.05	6.35	—	25,173	25,173	1.03	0.21	0.05	25,262
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	10.9	9.19	80.7	80.2	0.20	3.33	9.05	12.4	3.06	3.05	6.12	—	21,230	21,230	0.87	0.18	< 0.005	21,304
2027	10.6	8.89	75.3	79.3	0.20	3.10	9.05	12.1	2.85	3.05	5.90	—	21,226	21,226	0.87	0.18	< 0.005	21,301
2028	3.33	3.18	7.64	12.0	0.02	0.28	< 0.005	0.29	0.26	< 0.005	0.26	—	1,814	1,814	0.08	0.02	< 0.005	1,821
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.23	1.88	16.6	16.5	0.04	0.69	2.10	2.79	0.63	0.78	1.41	—	4,217	4,217	0.17	0.04	< 0.005	4,231
2027	4.88	4.14	33.6	37.1	0.09	1.34	3.30	4.63	1.23	1.11	2.34	—	9,379	9,379	0.39	0.08	0.01	9,412
2028	0.18	0.17	0.42	0.66	< 0.005	0.02	< 0.005	0.02	0.01	< 0.005	0.01	—	99.4	99.4	< 0.005	< 0.005	< 0.005	99.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.41	0.34	3.03	3.01	0.01	0.13	0.38	0.51	0.12	0.14	0.26	—	698	698	0.03	0.01	< 0.005	701
2027	0.89	0.76	6.14	6.76	0.02	0.24	0.60	0.85	0.22	0.20	0.43	—	1,553	1,553	0.06	0.01	< 0.005	1,558
2028	0.03	0.03	0.08	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	< 0.005	16.5

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.16	2.15	11.1	111	0.20	0.40	9.05	9.45	0.40	3.96	4.07	—	21,230	21,230	0.87	0.18	0.04	21,304
2027	2.86	2.81	17.5	135	0.23	0.54	9.05	9.59	0.53	3.05	3.59	—	25,173	25,173	1.03	0.21	0.05	25,262

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.16	2.15	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,230	21,230	0.87	0.18	< 0.005	21,304
2027	3.31	3.25	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,226	21,226	0.87	0.18	< 0.005	21,301
2028	2.59	2.59	2.13	12.8	0.02	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	1,814	1,814	0.08	0.02	< 0.005	1,821
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.43	0.43	2.20	22.2	0.04	0.08	2.10	2.18	0.08	0.78	0.86	—	4,217	4,217	0.17	0.04	< 0.005	4,231
2027	1.25	1.23	6.65	50.5	0.09	0.20	3.30	3.50	0.20	1.11	1.31	—	9,379	9,379	0.39	0.08	0.01	9,412
2028	0.14	0.14	0.12	0.70	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	99.4	99.4	< 0.005	< 0.005	< 0.005	99.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.08	0.08	0.40	4.05	0.01	0.01	0.38	0.40	0.01	0.14	0.16	—	698	698	0.03	0.01	< 0.005	701
2027	0.23	0.22	1.21	9.22	0.02	0.04	0.60	0.64	0.04	0.20	0.24	—	1,553	1,553	0.06	0.01	< 0.005	1,558
2028	0.03	0.03	0.02	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	< 0.005	16.5

3. Construction Emissions Details

3.1. Site Preparation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.08	3.43	31.7	31.4	0.05	1.41	—	1.41	1.30	—	1.30	—	5,664	5,664	0.23	0.05	—	5,684

Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.73	1.72	< 0.005	0.08	—	0.08	0.07	—	0.07	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.32	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	9.03

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	2.84	30.9	0.05	0.11	—	0.11	0.11	—	0.11	—	5,664	5,664	0.23	0.05	—	5,684
Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.16	1.69	< 0.005	0.01	—	0.01	0.01	—	0.01	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	9.03
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279

Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.8	14.7	0.04	0.61	—	0.61	0.56	—	0.56	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.71	2.67	0.01	0.11	—	0.11	0.10	—	0.10	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.03	0.38	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.8	16.8	0.01	< 0.005	0.03	18.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.04	0.44	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	< 0.005	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.19	7.19	< 0.005	< 0.005	< 0.005	7.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.05	3.05	< 0.005	< 0.005	< 0.005	3.28
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.32	1.32	< 0.005	< 0.005	< 0.005	1.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	2.02	20.4	0.04	0.07	—	0.07	0.07	—	0.07	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.37	3.73	0.01	0.01	—	0.01	0.01	—	0.01	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.03	0.38	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.8	16.8	0.01	< 0.005	0.03	18.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.04	0.44	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	< 0.005	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.19	7.19	< 0.005	< 0.005	< 0.005	7.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.05	3.05	< 0.005	< 0.005	< 0.005	3.28
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.32	1.32	< 0.005	< 0.005	< 0.005	1.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - Unmitigated

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

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

Off-Road	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.79	3.19	27.4	28.7	0.07	1.13	—	1.13	1.04	—	1.04	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.58	5.00	5.24	0.01	0.21	—	0.21	0.19	—	0.19	—	1,278	1,278	0.05	0.01	—	1,282

Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.35	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	0.03	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.03	0.42	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.1	16.1	0.01	< 0.005	< 0.005	17.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.91	5.91	< 0.005	< 0.005	< 0.005	6.37
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.56	2.56	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.73	4.01	40.4	0.07	0.15	—	0.15	0.15	—	0.15	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.73	7.37	0.01	0.03	—	0.03	0.03	—	0.03	—	1,278	1,278	0.05	0.01	—	1,282
Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.35	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	0.03	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.03	0.42	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.1	16.1	0.01	< 0.005	< 0.005	17.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.91	5.91	< 0.005	< 0.005	< 0.005	6.37
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.56	2.56	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.05

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	7.94	11.9	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.61	0.91	< 0.005	0.03	—	0.03	0.02	—	0.02	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8

Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2027) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8
Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.59	11.8	0.02	0.28	—	0.28	0.26	—	0.26	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.05	0.04	0.42	0.65	< 0.005	0.02	—	0.02	0.01	—	0.01	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	< 0.005	6.39
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	< 0.005	6.39
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Utilities (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.60	7.21	0.01	0.19	—	0.19	0.17	—	0.17	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.02	1.32	< 0.005	0.03	—	0.03	0.03	—	0.03	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.18	6.18	< 0.005	< 0.005	0.01	6.64
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.52
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Utilities (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	0.61	6.34	23.3	0.04	0.14	—	0.14	0.13	—	0.13	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.66	0.61	6.34	23.3	0.04	0.14	—	0.14	0.13	—	0.13	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	2.43	8.93	0.01	0.05	—	0.05	0.05	—	0.05	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.44	1.63	< 0.005	0.01	—	0.01	0.01	—	0.01	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.18	6.18	< 0.005	< 0.005	0.01	6.64
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.52
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	9/1/2026	9/28/2026	5.00	20.0	—
Grading	Grading	9/29/2026	7/5/2027	5.00	200	—
Paving	Paving	11/23/2027	1/28/2028	5.00	49.0	—
Utilities	Trenching	6/8/2027	12/20/2027	5.00	140	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Average	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Utilities	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Utilities	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Utilities	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Tier 4 Final	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Tier 4 Final	2.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40

Utilities	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48
Utilities	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	0.25	LDA,LDT1,LDT2
Grading	Vendor	4.00	0.25	HHDT,MHDT
Grading	Hauling	0.00	0.25	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	0.25	LDA,LDT1,LDT2
Paving	Vendor	4.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	0.25	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	0.25	LDA,LDT1,LDT2
Utilities	Vendor	4.00	0.25	HHDT,MHDT
Utilities	Hauling	0.00	0.25	HHDT
Utilities	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	0.25	LDA,LDT1,LDT2
Grading	Vendor	4.00	0.25	HHDT,MHDT
Grading	Hauling	0.00	0.25	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	0.25	LDA,LDT1,LDT2
Paving	Vendor	4.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	0.25	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	0.25	LDA,LDT1,LDT2
Utilities	Vendor	4.00	0.25	HHDT,MHDT
Utilities	Hauling	0.00	0.25	HHDT
Utilities	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%

Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	75.0	0.00	—
Grading	0.00	0.00	300	0.00	—
Paving	0.00	0.00	0.00	0.00	127

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Asphalt Surfaces	43.2	100%
Other Non-Asphalt Surfaces	82.7	0%
Parking Lot	0.77	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422

Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0

Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant provided information. 126.7 acres disturbed.
Construction: Construction Phases	Client provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Updated equipment list per client information and linear type projects.
Construction: Dust From Material Movement	Soil will be balanced on-site

Belcaro at Sand Canyon Phase 1 Home Building LST Detailed Report

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4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Home Building LST
Construction Start Date	1/11/2028
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114	Dwelling Unit	19.1	309,655	408,059	0.00	337	Active Senior Living

Health Club	7.60	1000sqft	3.00	7,600	0.00	0.00	—	—
Recreational Swimming Pool	4.00	1000sqft	0.10	4,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.8	10.4	16.2	24.8	0.04	0.52	0.02	0.55	0.48	0.01	0.49	—	4,090	4,090	0.19	0.05	0.09	4,108
Mit.	9.38	9.31	6.18	26.7	0.04	0.16	0.02	0.19	0.16	0.01	0.16	—	4,090	4,090	0.19	0.05	0.09	4,108
% Reduced	13%	11%	62%	-8%	—	69%	—	66%	68%	—	67%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.8	10.4	16.2	24.9	0.04	0.52	0.02	0.55	0.48	0.01	0.49	—	4,089	4,089	0.19	0.05	< 0.005	4,108
Mit.	9.38	9.30	6.19	26.9	0.04	0.16	0.02	0.19	0.16	0.01	0.16	—	4,089	4,089	0.19	0.05	< 0.005	4,108
% Reduced	13%	11%	62%	-8%	—	69%	—	66%	68%	—	67%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	3.93	3.70	10.3	15.9	0.03	0.35	0.01	0.36	0.32	< 0.005	0.32	—	2,680	2,680	0.12	0.03	0.02	2,692
Mit.	3.28	3.27	3.49	17.4	0.03	0.11	0.01	0.13	0.11	< 0.005	0.11	—	2,680	2,680	0.12	0.03	0.02	2,692
% Reduced	17%	12%	66%	-10%	—	68%	—	65%	67%	—	66%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.72	0.68	1.88	2.90	< 0.005	0.06	< 0.005	0.07	0.06	< 0.005	0.06	—	444	444	0.02	< 0.005	< 0.005	446
Mit.	0.60	0.60	0.64	3.18	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	444	444	0.02	< 0.005	< 0.005	446
% Reduced	17%	12%	66%	-10%	—	68%	—	65%	67%	—	66%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.8	10.4	16.2	24.8	0.04	0.52	0.02	0.55	0.48	0.01	0.49	—	4,090	4,090	0.19	0.05	0.09	4,108

2029	8.76	8.69	2.43	3.50	0.01	0.04	< 0.005	0.04	0.04	< 0.005	0.04	—	414	414	0.02	0.01	0.02	416
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.8	10.4	16.2	24.9	0.04	0.52	0.02	0.55	0.48	0.01	0.49	—	4,089	4,089	0.19	0.05	< 0.005	4,108
2029	10.7	10.4	15.7	24.8	0.04	0.48	0.02	0.50	0.44	0.01	0.45	—	4,087	4,087	0.19	0.05	< 0.005	4,105
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.93	3.70	10.3	15.9	0.03	0.35	0.01	0.36	0.32	< 0.005	0.32	—	2,680	2,680	0.12	0.03	0.02	2,692
2029	3.56	3.49	2.94	4.55	0.01	0.08	< 0.005	0.09	0.08	< 0.005	0.08	—	715	715	0.03	0.01	0.01	718
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.72	0.68	1.88	2.90	< 0.005	0.06	< 0.005	0.07	0.06	< 0.005	0.06	—	444	444	0.02	< 0.005	< 0.005	446
2029	0.65	0.64	0.54	0.83	< 0.005	0.01	< 0.005	0.02	0.01	< 0.005	0.01	—	118	118	0.01	< 0.005	< 0.005	119

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.38	9.31	6.18	26.7	0.04	0.16	0.02	0.19	0.16	0.01	0.16	—	4,090	4,090	0.19	0.05	0.09	4,108
2029	8.45	8.45	1.99	3.05	0.01	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	414	414	0.02	0.01	0.02	416
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	9.38	9.30	6.19	26.9	0.04	0.16	0.02	0.19	0.16	0.01	0.16	—	4,089	4,089	0.19	0.05	< 0.005	4,108
2029	9.36	9.28	6.18	26.8	0.04	0.16	0.02	0.19	0.15	0.01	0.16	—	4,087	4,087	0.19	0.05	< 0.005	4,105
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.08	3.02	3.49	17.4	0.03	0.11	0.01	0.13	0.11	< 0.005	0.11	—	2,680	2,680	0.12	0.03	0.02	2,692
2029	3.28	3.27	1.38	4.76	0.01	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	715	715	0.03	0.01	0.01	718

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.56	0.55	0.64	3.18	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	444	444	0.02	< 0.005	< 0.005	446
2029	0.60	0.60	0.25	0.87	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	118	118	0.01	< 0.005	< 0.005	119

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	43.1	39.6	3.96	84.6	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,540	9,819	24.6	0.27	16.4	10,532
Mit.	43.1	39.6	3.96	84.6	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,542	9,820	24.6	0.27	16.4	10,533
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.4	39.0	4.04	75.9	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,292	9,571	24.6	0.28	4.31	10,275
Mit.	42.4	39.0	4.04	75.9	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,294	9,572	24.6	0.28	4.31	10,276
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.0	11.6	1.83	26.3	0.06	0.59	5.05	5.64	0.58	1.28	1.86	284	6,221	6,505	21.7	0.24	9.09	7,127
Mit.	12.0	11.6	1.83	26.3	0.06	0.59	5.05	5.64	0.58	1.28	1.86	284	6,223	6,507	21.7	0.24	9.09	7,128
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.20	2.11	0.33	4.79	0.01	0.11	0.92	1.03	0.10	0.23	0.34	47.0	1,030	1,077	3.59	0.04	1.50	1,180
Mit.	2.20	2.11	0.33	4.79	0.01	0.11	0.92	1.03	0.10	0.23	0.34	47.0	1,030	1,077	3.59	0.04	1.50	1,180

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.09	1.85	1.53	19.8	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,510	5,510	0.22	0.20	12.4	5,586
Area	41.0	37.7	2.43	64.8	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,059	3,127	3.18	0.04	—	3,218
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	921	921	0.12	0.01	—	928
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Total	43.1	39.6	3.96	84.6	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,540	9,819	24.6	0.27	16.4	10,532
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.07	1.84	1.68	17.9	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,280	5,280	0.22	0.20	0.32	5,347
Area	40.4	37.1	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	921	921	0.12	0.01	—	928
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99

Total	42.4	39.0	4.04	75.9	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,292	9,571	24.6	0.28	4.31	10,275
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.98	1.76	1.62	17.6	0.05	0.03	5.05	5.08	0.03	1.28	1.31	—	5,097	5,097	0.21	0.20	5.10	5,166
Area	10.0	9.80	0.21	8.64	0.01	0.56	—	0.56	0.55	—	0.55	73.1	153	226	0.22	< 0.005	—	232
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	921	921	0.12	0.01	—	928
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Total	12.0	11.6	1.83	26.3	0.06	0.59	5.05	5.64	0.58	1.28	1.86	284	6,221	6,505	21.7	0.24	9.09	7,127
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.36	0.32	0.30	3.22	0.01	0.01	0.92	0.93	< 0.005	0.23	0.24	—	844	844	0.04	0.03	0.84	855
Area	1.83	1.79	0.04	1.58	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.3	37.4	0.04	< 0.005	—	38.4
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	153	153	0.02	< 0.005	—	154
Water	—	—	—	—	—	—	—	—	—	—	—	1.57	8.36	9.93	0.16	< 0.005	—	15.1
Waste	—	—	—	—	—	—	—	—	—	—	—	33.4	0.00	33.4	3.33	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	2.20	2.11	0.33	4.79	0.01	0.11	0.92	1.03	0.10	0.23	0.34	47.0	1,030	1,077	3.59	0.04	1.50	1,180

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.09	1.85	1.53	19.8	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,510	5,510	0.22	0.20	12.4	5,586
Area	41.0	37.7	2.43	64.8	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,059	3,127	3.18	0.04	—	3,218
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	922	922	0.12	0.01	—	929
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5

Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Total	43.1	39.6	3.96	84.6	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,542	9,820	24.6	0.27	16.4	10,533
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.07	1.84	1.68	17.9	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,280	5,280	0.22	0.20	0.32	5,347
Area	40.4	37.1	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	922	922	0.12	0.01	—	929
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Total	42.4	39.0	4.04	75.9	0.20	8.17	5.36	13.5	8.02	1.36	9.38	1,279	8,294	9,572	24.6	0.28	4.31	10,276
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.98	1.76	1.62	17.6	0.05	0.03	5.05	5.08	0.03	1.28	1.31	—	5,097	5,097	0.21	0.20	5.10	5,166
Area	10.0	9.80	0.21	8.64	0.01	0.56	—	0.56	0.55	—	0.55	73.1	153	226	0.22	< 0.005	—	232
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	922	922	0.12	0.01	—	929
Water	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Waste	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Total	12.0	11.6	1.83	26.3	0.06	0.59	5.05	5.64	0.58	1.28	1.86	284	6,223	6,507	21.7	0.24	9.09	7,128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.36	0.32	0.30	3.22	0.01	0.01	0.92	0.93	< 0.005	0.23	0.24	—	844	844	0.04	0.03	0.84	855
Area	1.83	1.79	0.04	1.58	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.3	37.4	0.04	< 0.005	—	38.4
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	153	153	0.02	< 0.005	—	154
Water	—	—	—	—	—	—	—	—	—	—	—	1.57	8.36	9.93	0.16	< 0.005	—	15.1
Waste	—	—	—	—	—	—	—	—	—	—	—	33.4	0.00	33.4	3.33	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66

Total	2.20	2.11	0.33	4.79	0.01	0.11	0.92	1.03	0.10	0.23	0.34	47.0	1,030	1,077	3.59	0.04	1.50	1,180

3. Construction Emissions Details

3.1. Building Construction (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.43	14.3	0.02	0.33	—	0.33	0.31	—	0.31	—	2,520	2,520	0.10	0.02	—	2,528
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.72	2.60	< 0.005	0.06	—	0.06	0.06	—	0.06	—	417	417	0.02	< 0.005	—	419
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.24	0.05	0.64	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	31.0	31.0	0.01	0.01	0.05	33.3
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.6	27.6	0.01	< 0.005	0.03	29.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.24	0.06	0.75	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	30.3	30.3	0.01	0.01	< 0.005	32.7
Vendor	0.01	0.01	0.16	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.9	27.9	0.01	< 0.005	< 0.005	29.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.51	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	21.3	21.3	0.01	< 0.005	0.01	22.9
Vendor	0.01	0.01	0.11	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.01	20.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.52	3.52	< 0.005	< 0.005	< 0.005	3.79
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.61	3.98	22.9	0.03	0.16	—	0.16	0.15	—	0.15	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.61	3.98	22.9	0.03	0.16	—	0.16	0.15	—	0.15	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.42	2.77	16.0	0.02	0.11	—	0.11	0.10	—	0.10	—	2,520	2,520	0.10	0.02	—	2,528
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.51	2.91	< 0.005	0.02	—	0.02	0.02	—	0.02	—	417	417	0.02	< 0.005	—	419
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.25	0.24	0.05	0.64	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	31.0	31.0	0.01	0.01	0.05	33.3
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.6	27.6	0.01	< 0.005	0.03	29.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.24	0.06	0.75	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	30.3	30.3	0.01	0.01	< 0.005	32.7
Vendor	0.01	0.01	0.16	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.9	27.9	0.01	< 0.005	< 0.005	29.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.51	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	21.3	21.3	0.01	< 0.005	0.01	22.9
Vendor	0.01	0.01	0.11	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.01	20.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.52	3.52	< 0.005	< 0.005	< 0.005	3.79
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2029) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.73	1.45	13.1	20.5	0.03	0.44	—	0.44	0.41	—	0.41	—	3,616	3,616	0.15	0.03	—	3,628
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.00	3.12	0.01	0.07	—	0.07	0.06	—	0.06	—	552	552	0.02	< 0.005	—	554
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.36	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.22	0.06	0.70	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	29.8	29.8	0.01	0.01	< 0.005	32.1
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.4	27.4	0.01	< 0.005	< 0.005	28.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.82
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.61	3.97	22.9	0.03	0.15	—	0.15	0.15	—	0.15	—	3,616	3,616	0.15	0.03	—	3,628
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.09	0.61	3.50	0.01	0.02	—	0.02	0.02	—	0.02	—	552	552	0.02	< 0.005	—	554
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.02	0.02	0.11	0.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23	0.22	0.06	0.70	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	29.8	29.8	0.01	0.01	< 0.005	32.1
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.4	27.4	0.01	< 0.005	< 0.005	28.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.57	4.57	< 0.005	< 0.005	< 0.005	4.93
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.82
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Architectural Coating (2028) - Unmitigated

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

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

Off-Roa Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.70	0.97	< 0.005	0.01	—	0.01	0.01	—	0.01	—	115	115	< 0.005	< 0.005	—	116
Architectural Coatings	2.40	2.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.1	19.1	< 0.005	< 0.005	—	19.1

Architect Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	0.01	7.23
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.90	6.90	< 0.005	< 0.005	0.01	7.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.60	6.60	< 0.005	< 0.005	< 0.005	7.10
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.91	1.91	< 0.005	< 0.005	< 0.005	2.06
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Architectural Coating (2028) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.56	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	115	115	< 0.005	< 0.005	—	116
Architectural Coatings	2.40	2.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.10	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.1	19.1	< 0.005	< 0.005	—	19.1
Architectural Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.73	6.73	< 0.005	< 0.005	0.01	7.23
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.90	6.90	< 0.005	< 0.005	0.01	7.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.60	6.60	< 0.005	< 0.005	< 0.005	7.10
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.91	1.91	< 0.005	< 0.005	< 0.005	2.06
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.34
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.89	1.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	149	149	0.01	< 0.005	—	149

Architect Coatings	3.10	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.16	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.7
Architectural Coatings	0.57	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.61	6.61	< 0.005	< 0.005	0.01	7.11
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.47	6.47	< 0.005	< 0.005	< 0.005	6.98
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.66
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.72	1.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	149	149	0.01	< 0.005	—	149
Architectural Coatings	3.10	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.13	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.7
Architectural Coatings	0.57	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.61	6.61	< 0.005	< 0.005	0.01	7.11
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.47	6.47	< 0.005	< 0.005	< 0.005	6.98
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.66
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.45	0.39	0.38	5.05	0.01	0.01	1.43	1.43	0.01	0.36	0.37	—	1,459	1,459	0.05	0.05	3.30	1,478

Total	2.09	1.85	1.53	19.8	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,510	5,510	0.22	0.20	12.4	5,586
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.45	0.39	0.42	4.50	0.01	0.01	1.43	1.43	0.01	0.36	0.37	—	1,398	1,398	0.05	0.05	0.09	1,414
Total	2.07	1.84	1.68	17.9	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,280	5,280	0.22	0.20	0.32	5,347
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.07	0.06	0.06	0.70	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.06	—	194	194	0.01	0.01	0.19	196
Total	0.36	0.32	0.30	3.22	0.01	0.01	0.92	0.93	< 0.005	0.23	0.24	—	844	844	0.04	0.03	0.84	855

4.1.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.45	0.39	0.38	5.05	0.01	0.01	1.43	1.43	0.01	0.36	0.37	—	1,459	1,459	0.05	0.05	3.30	1,478
Total	2.09	1.85	1.53	19.8	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,510	5,510	0.22	0.20	12.4	5,586
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.45	0.39	0.42	4.50	0.01	0.01	1.43	1.43	0.01	0.36	0.37	—	1,398	1,398	0.05	0.05	0.09	1,414
Total	2.07	1.84	1.68	17.9	0.05	0.03	5.36	5.39	0.03	1.36	1.39	—	5,280	5,280	0.22	0.20	0.32	5,347
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Recreati Swimming Pool	0.07	0.06	0.06	0.70	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.06	—	194	194	0.01	0.01	0.19	196
Total	0.36	0.32	0.30	3.22	0.01	0.01	0.92	0.93	< 0.005	0.23	0.24	—	844	844	0.04	0.03	0.84	855

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	286	286	0.04	< 0.005	—	288
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	921	921	0.12	0.01	—	928
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	286	286	0.04	< 0.005	—	288

Recreati Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	921	921	0.12	0.01	—	928
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	47.3	47.3	0.01	< 0.005	—	47.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.02	< 0.005	—	154

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	286	286	0.04	< 0.005	—	288
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	922	922	0.12	0.01	—	929
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	286	286	0.04	< 0.005	—	288
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	922	922	0.12	0.01	—	929
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	47.3	47.3	0.01	< 0.005	—	47.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.02	< 0.005	—	154

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Recreational Swimming	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.79	6.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.55	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.65	0.61	0.06	6.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Total	41.0	37.7	2.43	64.8	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,059	3,127	3.18	0.04	—	3,218
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.79	6.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	40.4	37.1	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	23.1	35.2	0.04	< 0.005	—	36.3
Consumer Products	1.24	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08	0.08	0.01	0.85	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.12	2.12	< 0.005	< 0.005	—	2.12
Total	1.83	1.79	0.04	1.58	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.3	37.4	0.04	< 0.005	—	38.4

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.79	6.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.65	0.61	0.06	6.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Total	41.0	37.7	2.43	64.8	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,059	3,127	3.18	0.04	—	3,218
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.79	6.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.55	0.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	40.4	37.1	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	23.1	35.2	0.04	< 0.005	—	36.3

Consum Products	1.24	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08	0.08	0.01	0.85	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.12	2.12	< 0.005	< 0.005	—	2.12
Total	1.83	1.79	0.04	1.58	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.3	37.4	0.04	< 0.005	—	38.4

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86	2.19	3.05	0.09	< 0.005	—	5.90
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45	1.15	1.60	0.05	< 0.005	—	3.10
Total	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86	2.19	3.05	0.09	< 0.005	—	5.90
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45	1.15	1.60	0.05	< 0.005	—	3.10
Total	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14	0.36	0.50	0.01	< 0.005	—	0.98
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.08	0.19	0.27	0.01	< 0.005	—	0.51
Total	—	—	—	—	—	—	—	—	—	—	—	1.57	8.36	9.93	0.16	< 0.005	—	15.1

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86	2.19	3.05	0.09	< 0.005	—	5.90
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45	1.15	1.60	0.05	< 0.005	—	3.10
Total	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.86	2.19	3.05	0.09	< 0.005	—	5.90
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.45	1.15	1.60	0.05	< 0.005	—	3.10
Total	—	—	—	—	—	—	—	—	—	—	—	9.46	50.5	60.0	0.98	0.02	—	91.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.14	0.36	0.50	0.01	< 0.005	—	0.98
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	0.08	0.19	0.27	0.01	< 0.005	—	0.51
Total	—	—	—	—	—	—	—	—	—	—	—	1.57	8.36	9.93	0.16	< 0.005	—	15.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3	0.00	23.3	2.33	0.00	—	81.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.3	0.00	12.3	1.23	0.00	—	43.0
Total	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3	0.00	23.3	2.33	0.00	—	81.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.3	0.00	12.3	1.23	0.00	—	43.0
Total	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.87	0.00	3.87	0.39	0.00	—	13.5
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.12
Total	—	—	—	—	—	—	—	—	—	—	—	33.4	0.00	33.4	3.33	0.00	—	117

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3	0.00	23.3	2.33	0.00	—	81.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.3	0.00	12.3	1.23	0.00	—	43.0
Total	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Health Club	—	—	—	—	—	—	—	—	—	—	—	23.3	0.00	23.3	2.33	0.00	—	81.7
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	12.3	0.00	12.3	1.23	0.00	—	43.0
Total	—	—	—	—	—	—	—	—	—	—	—	201	0.00	201	20.1	0.00	—	705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.87	0.00	3.87	0.39	0.00	—	13.5
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.12
Total	—	—	—	—	—	—	—	—	—	—	—	33.4	0.00	33.4	3.33	0.00	—	117

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.99	3.99

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	1/11/2028	3/19/2029	5.00	310	—
Architectural Coating	Architectural Coating	8/7/2028	7/9/2029	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	92.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	16.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	20.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	92.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	16.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	20.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	627,051	209,017	11,400	3,800	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%
Health Club	0.00	0%
Recreational Swimming Pool	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	491	491	491	179,339	5,549	5,549	5,549	2,025,487
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	115	36.4	54.4	34,790	2,012	635	950	607,251

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	491	491	491	179,339	5,549	5,549	5,549	2,025,487
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	115	36.4	54.4	34,790	2,012	635	950	607,251

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	97
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	97
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

627051.375	209,017	11,400	3,800	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	889,213	261	0.0330	0.0040	0.00
Health Club	400,028	261	0.0330	0.0040	0.00
Recreational Swimming Pool	0.00	261	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	890,901	261	0.0330	0.0040	0.00
Health Club	400,028	261	0.0330	0.0040	0.00
Recreational Swimming Pool	0.00	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604
Health Club	449,488	0.00
Recreational Swimming Pool	236,573	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604
Health Club	449,488	0.00
Recreational Swimming Pool	236,573	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	308	—
Health Club	43.3	—
Recreational Swimming Pool	22.8	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	308	—
Health Club	43.3	—
Recreational Swimming Pool	22.8	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0

Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—

Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7

Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5

Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	114 homes on 19.1 acres
Construction: Construction Phases	Estimated schedule
Operations: Vehicle Data	Only residential trips

Construction: Trips and VMT	Even number of trips. Trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Operations: Energy Use	All electric development

Belcaro at Sand Canyon Phase 2 Home Building LST Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 2 Home Building LST
Construction Start Date	12/26/2028
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114	Dwelling Unit	18.0	309,655	408,059	0.00	337	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.3	9.96	14.9	24.1	0.04	0.45	0.02	0.47	0.41	0.01	0.42	—	3,977	3,977	0.18	0.04	0.08	3,994
Mit.	8.93	8.87	5.36	26.1	0.04	0.13	0.02	0.15	0.13	0.01	0.13	—	3,977	3,977	0.18	0.04	0.08	3,994
% Reduced	13%	11%	64%	-8%	—	71%	—	68%	69%	—	69%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.3	9.95	14.9	24.2	0.04	0.45	0.02	0.47	0.41	0.01	0.42	—	3,976	3,976	0.18	0.04	< 0.005	3,994
Mit.	8.92	8.87	5.37	26.2	0.04	0.13	0.02	0.15	0.13	0.01	0.13	—	3,976	3,976	0.18	0.04	< 0.005	3,994
% Reduced	13%	11%	64%	-8%	—	71%	—	68%	69%	—	69%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.38	5.19	8.71	14.2	0.02	0.27	0.01	0.28	0.24	< 0.005	0.25	—	2,343	2,343	0.11	0.03	0.02	2,354
Mit.	4.59	4.56	3.03	15.4	0.02	0.08	0.01	0.09	0.07	< 0.005	0.08	—	2,343	2,343	0.11	0.03	0.02	2,354
% Reduced	15%	12%	65%	-9%	—	71%	—	67%	69%	—	68%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.98	0.95	1.59	2.58	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.05	—	388	388	0.02	< 0.005	< 0.005	390
Mit.	0.84	0.83	0.55	2.81	< 0.005	0.01	< 0.005	0.02	0.01	< 0.005	0.01	—	388	388	0.02	< 0.005	< 0.005	390
% Reduced	15%	12%	65%	-9%	—	71%	—	67%	69%	—	68%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	10.3	9.96	14.9	24.1	0.04	0.45	0.02	0.47	0.41	0.01	0.42	—	3,977	3,977	0.18	0.04	0.08	3,994
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.88	1.60	13.0	20.8	0.03	0.45	0.02	0.46	0.41	< 0.005	0.41	—	3,565	3,565	0.16	0.04	< 0.005	3,581

2029	10.3	9.95	14.9	24.2	0.04	0.45	0.02	0.47	0.41	0.01	0.42	—	3,976	3,976	0.18	0.04	< 0.005	3,994
2030	8.45	8.38	2.40	3.48	0.01	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	413	413	0.02	0.01	< 0.005	415
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.02	0.02	0.15	0.24	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	41.9	41.9	< 0.005	< 0.005	< 0.005	42.0
2029	5.38	5.19	8.71	14.2	0.02	0.27	0.01	0.28	0.24	< 0.005	0.25	—	2,343	2,343	0.11	0.03	0.02	2,354
2030	1.29	1.28	0.37	0.53	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	63.0	63.0	< 0.005	< 0.005	< 0.005	63.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.93	6.93	< 0.005	< 0.005	< 0.005	6.96
2029	0.98	0.95	1.59	2.58	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.05	—	388	388	0.02	< 0.005	< 0.005	390
2030	0.24	0.23	0.07	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	< 0.005	10.5

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	8.93	8.87	5.36	26.1	0.04	0.13	0.02	0.15	0.13	0.01	0.13	—	3,977	3,977	0.18	0.04	0.08	3,994
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.79	0.73	3.39	23.2	0.03	0.12	0.02	0.14	0.12	< 0.005	0.12	—	3,565	3,565	0.16	0.04	< 0.005	3,581
2029	8.92	8.87	5.37	26.2	0.04	0.13	0.02	0.15	0.13	0.01	0.13	—	3,976	3,976	0.18	0.04	< 0.005	3,994
2030	8.15	8.15	1.99	3.05	0.01	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	413	413	0.02	0.01	< 0.005	415
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.01	0.01	0.04	0.27	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	41.9	41.9	< 0.005	< 0.005	< 0.005	42.0
2029	4.59	4.56	3.03	15.4	0.02	0.08	0.01	0.09	0.07	< 0.005	0.08	—	2,343	2,343	0.11	0.03	0.02	2,354
2030	1.24	1.24	0.30	0.46	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	63.0	63.0	< 0.005	< 0.005	< 0.005	63.4

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.93	6.93	< 0.005	< 0.005	< 0.005	6.96
2029	0.84	0.83	0.55	2.81	< 0.005	0.01	< 0.005	0.02	0.01	< 0.005	0.01	—	388	388	0.02	< 0.005	< 0.005	390
2030	0.23	0.23	0.06	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	< 0.005	10.5

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.4	39.0	3.58	79.2	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,791	8,033	20.8	0.22	13.0	8,631
Mit.	42.4	39.0	3.58	79.2	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,792	8,034	20.8	0.22	13.0	8,632
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.8	38.4	3.63	71.4	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,606	7,847	20.8	0.22	4.17	8,439
Mit.	41.8	38.4	3.63	71.4	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,607	7,849	20.8	0.22	4.17	8,440
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.4	11.0	1.48	22.2	0.05	0.58	3.89	4.47	0.57	0.99	1.56	247	4,762	5,009	17.9	0.19	7.86	5,520
Mit.	11.4	11.0	1.48	22.2	0.05	0.58	3.89	4.47	0.57	0.99	1.56	247	4,763	5,010	17.9	0.19	7.86	5,521
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.09	2.01	0.27	4.05	0.01	0.11	0.71	0.82	0.10	0.18	0.28	40.9	788	829	2.96	0.03	1.30	914

Mit.	2.09	2.01	0.27	4.05	0.01	0.11	0.71	0.82	0.10	0.18	0.28	40.9	789	830	2.96	0.03	1.30	914
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Area	40.8	37.5	2.43	64.5	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,058	3,125	3.18	0.04	—	3,217
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	635	635	0.08	0.01	—	640
Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	42.4	39.0	3.58	79.2	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,791	8,033	20.8	0.22	13.0	8,631
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Area	40.2	36.9	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	635	635	0.08	0.01	—	640
Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	41.8	38.4	3.63	71.4	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,606	7,847	20.8	0.22	4.17	8,439
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.61	1.44	1.27	13.8	0.04	0.02	3.89	3.91	0.02	0.99	1.01	—	3,928	3,928	0.17	0.15	3.92	3,982
Area	9.82	9.58	0.20	8.42	0.01	0.56	—	0.56	0.55	—	0.55	73.1	152	225	0.22	< 0.005	—	231
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	635	635	0.08	0.01	—	640
Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	11.4	11.0	1.48	22.2	0.05	0.58	3.89	4.47	0.57	0.99	1.56	247	4,762	5,009	17.9	0.19	7.86	5,520
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Area	1.79	1.75	0.04	1.54	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.1	37.2	0.04	< 0.005	—	38.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	105	105	0.01	< 0.005	—	106
Water	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Waste	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	2.09	2.01	0.27	4.05	0.01	0.11	0.71	0.82	0.10	0.18	0.28	40.9	788	829	2.96	0.03	1.30	914

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Area	40.8	37.5	2.43	64.5	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,058	3,125	3.18	0.04	—	3,217
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	637	637	0.08	0.01	—	641

Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	42.4	39.0	3.58	79.2	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,792	8,034	20.8	0.22	13.0	8,632
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Area	40.2	36.9	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	637	637	0.08	0.01	—	641
Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	41.8	38.4	3.63	71.4	0.19	8.16	3.94	12.1	8.01	1.00	9.01	1,242	6,607	7,849	20.8	0.22	4.17	8,440
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.61	1.44	1.27	13.8	0.04	0.02	3.89	3.91	0.02	0.99	1.01	—	3,928	3,928	0.17	0.15	3.92	3,982
Area	9.82	9.58	0.20	8.42	0.01	0.56	—	0.56	0.55	—	0.55	73.1	152	225	0.22	< 0.005	—	231
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	637	637	0.08	0.01	—	641
Water	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Waste	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	11.4	11.0	1.48	22.2	0.05	0.58	3.89	4.47	0.57	0.99	1.56	247	4,763	5,010	17.9	0.19	7.86	5,521
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Area	1.79	1.75	0.04	1.54	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.1	37.2	0.04	< 0.005	—	38.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	105	105	0.01	< 0.005	—	106
Water	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Waste	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	2.09	2.01	0.27	4.05	0.01	0.11	0.71	0.82	0.10	0.18	0.28	40.9	789	830	2.96	0.03	1.30	914

3. Construction Emissions Details

3.1. Building Construction (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.64	1.38	12.8	20.0	0.03	0.45	—	0.45	0.41	—	0.41	—	3,513	3,513	0.14	0.03	—	3,525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	41.3	41.3	< 0.005	< 0.005	—	41.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.83	6.83	< 0.005	< 0.005	—	6.85

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.06	0.68	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.7	27.7	0.01	0.01	< 0.005	29.8
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2028) - Mitigated

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

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

Off-Roa Equipment	0.55	0.51	3.19	22.4	0.03	0.12	—	0.12	0.12	—	0.12	—	3,513	3,513	0.14	0.03	—	3,525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01	0.01	0.04	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.3	41.3	< 0.005	< 0.005	—	41.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.83	6.83	< 0.005	< 0.005	—	6.85
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.22	0.06	0.68	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.7	27.7	0.01	0.01	< 0.005	29.8
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.81	7.37	11.9	0.02	0.25	—	0.25	0.23	—	0.23	—	2,103	2,103	0.09	0.02	—	2,110

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.35	2.18	< 0.005	0.04	—	0.04	0.04	—	0.04	—	348	348	0.01	< 0.005	—	349
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.21	0.05	0.54	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.8	27.8	0.01	0.01	0.04	29.9
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.05	0.64	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.2	27.2	0.01	0.01	< 0.005	29.3
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	0.03	0.37	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.4	16.4	0.01	< 0.005	0.01	17.7
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.71	2.71	< 0.005	< 0.005	< 0.005	2.92
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.36	2.36	< 0.005	< 0.005	< 0.005	2.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	0.51	3.19	22.4	0.03	0.12	—	0.12	0.12	—	0.12	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	0.51	3.19	22.4	0.03	0.12	—	0.12	0.12	—	0.12	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.30	1.91	13.4	0.02	0.07	—	0.07	0.07	—	0.07	—	2,103	2,103	0.09	0.02	—	2,110
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.35	2.45	< 0.005	0.01	—	0.01	0.01	—	0.01	—	348	348	0.01	< 0.005	—	349

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.21	0.05	0.54	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.8	27.8	0.01	0.01	0.04	29.9
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.05	0.64	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	27.2	27.2	0.01	0.01	< 0.005	29.3
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.12	0.03	0.37	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.4	16.4	0.01	< 0.005	0.01	17.7
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.71	2.71	< 0.005	< 0.005	< 0.005	2.92
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.36	2.36	< 0.005	< 0.005	< 0.005	2.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Architectural Coating (2029) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.21	1.69	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Architectural Coatings	4.08	4.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7
Architectural Coatings	0.74	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.95	5.95	< 0.005	< 0.005	0.01	6.40
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	< 0.005	6.28
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.20
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.45	3.45	< 0.005	< 0.005	< 0.005	3.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.53
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.57	0.57	< 0.005	< 0.005	< 0.005	0.60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Architectural Coating (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.98	1.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	203	203	0.01	< 0.005	—	204

Architect Coatings	4.08	4.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7
Architectural Coatings	0.74	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.95	5.95	< 0.005	< 0.005	0.01	6.40
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.83	5.83	< 0.005	< 0.005	< 0.005	6.28
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.20
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.45	3.45	< 0.005	< 0.005	< 0.005	3.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.53
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.57	0.57	< 0.005	< 0.005	< 0.005	0.60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2030) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.36	0.51	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	61.1	61.1	< 0.005	< 0.005	—	61.3
Architectural Coatings	1.23	1.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.2
Architectural Coatings	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	6.17
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.88	0.88	< 0.005	< 0.005	< 0.005	0.95
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2030) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.30	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.1	61.1	< 0.005	< 0.005	—	61.3
Architectural Coatings	1.23	1.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.2
Architectural Coatings	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	6.17
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.88	0.88	< 0.005	< 0.005	< 0.005	0.95
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Total	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Total	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Total	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659

4.1.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Total	1.64	1.46	1.15	14.7	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	4,051	4,051	0.16	0.15	9.09	4,108
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Total	1.62	1.45	1.26	13.4	0.04	0.02	3.94	3.96	0.02	1.00	1.02	—	3,883	3,883	0.17	0.15	0.24	3,933
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659
Total	0.29	0.26	0.23	2.51	0.01	< 0.005	0.71	0.71	< 0.005	0.18	0.18	—	650	650	0.03	0.03	0.65	659

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Total	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Total	—	—	—	—	—	—	—	—	—	—	—	—	635	635	0.08	0.01	—	640
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Total	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Total	—	—	—	—	—	—	—	—	—	—	—	—	637	637	0.08	0.01	—	641
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.63	6.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59	0.56	0.06	6.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.3	17.3	< 0.005	< 0.005	—	17.4
Total	40.8	37.5	2.43	64.5	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,058	3,125	3.18	0.04	—	3,217
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.63	6.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	40.2	36.9	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	23.1	35.2	0.04	< 0.005	—	36.3

Consumer Products	1.21	1.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.07	0.01	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.96	1.96	< 0.005	< 0.005	—	1.97
Total	1.79	1.75	0.04	1.54	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.1	37.2	0.04	< 0.005	—	38.2

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.63	6.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59	0.56	0.06	6.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.3	17.3	< 0.005	< 0.005	—	17.4
Total	40.8	37.5	2.43	64.5	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,058	3,125	3.18	0.04	—	3,217

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	33.0	29.8	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Consumer Products	6.63	6.63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	40.2	36.9	2.37	58.0	0.15	8.14	—	8.14	7.99	—	7.99	1,068	2,040	3,108	3.18	0.04	—	3,199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	23.1	35.2	0.04	< 0.005	—	36.3
Consumer Products	1.21	1.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.07	0.01	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.96	1.96	< 0.005	< 0.005	—	1.97
Total	1.79	1.75	0.04	1.54	< 0.005	0.10	—	0.10	0.10	—	0.10	12.1	25.1	37.2	0.04	< 0.005	—	38.2

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Total	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Total	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Total	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Total	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Total	—	—	—	—	—	—	—	—	—	—	—	8.14	47.2	55.3	0.84	0.02	—	82.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7
Total	—	—	—	—	—	—	—	—	—	—	—	1.35	7.81	9.16	0.14	< 0.005	—	13.7

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Total	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Total	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1
Total	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Total	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Total	—	—	—	—	—	—	—	—	—	—	—	166	0.00	166	16.6	0.00	—	580
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1
Total	—	—	—	—	—	—	—	—	—	—	—	27.5	0.00	27.5	2.74	0.00	—	96.1

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.93	3.93
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/26/2028	11/2/2029	5.00	224	—
Architectural Coating	Architectural Coating	4/17/2029	3/19/2030	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	84.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	18.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	84.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT

Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	18.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	627,051	209,017	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	491	491	491	179,339	5,549	5,549	5,549	2,025,487

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	491	491	491	179,339	5,549	5,549	5,549	2,025,487

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)

Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	97
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	97
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
627051.375	209,017	0.00	0.00	—

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	889,213	261	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	890,901	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,249,213	6,994,604

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	308	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	308	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00

5.14.2. Mitigated

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

Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

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

6.2. Initial Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1

AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258

Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8

High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6

Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Land Use	114 homes on 18 acres
Construction: Construction Phases	Applicant provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Equipment revised based on applicant information and increased due to shorter construction schedule compared to default.
Operations: Energy Use	All electric development

Belcaro at Sand Canyon Phase 3 Home Building LST Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 3 Home Building LST
Construction Start Date	12/11/2029
Operational Year	2031
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	113	Dwelling Unit	21.3	306,938	408,059	0.00	334	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.55	9.31	9.77	15.3	0.03	0.28	0.02	0.30	0.25	0.01	0.26	—	2,652	2,652	0.13	0.03	0.07	2,665
Mit.	8.61	8.57	3.97	17.0	0.03	0.08	0.02	0.10	0.07	0.01	0.08	—	2,652	2,652	0.13	0.03	0.07	2,665
% Reduced	10%	8%	59%	-10%	—	72%	—	67%	71%	—	69%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.54	9.31	9.79	15.5	0.03	0.28	0.02	0.30	0.25	0.01	0.26	—	2,652	2,652	0.13	0.03	< 0.005	2,665
Mit.	8.60	8.57	3.98	17.1	0.03	0.08	0.02	0.10	0.07	0.01	0.08	—	2,652	2,652	0.13	0.03	< 0.005	2,665
% Reduced	10%	8%	59%	-10%	—	72%	—	67%	71%	—	69%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.32	5.17	6.56	10.4	0.02	0.19	0.01	0.21	0.18	< 0.005	0.18	—	1,821	1,821	0.09	0.02	0.02	1,830
Mit.	4.70	4.68	2.49	11.6	0.02	0.05	0.01	0.07	0.05	< 0.005	0.06	—	1,821	1,821	0.09	0.02	0.02	1,830
% Reduced	12%	9%	62%	-12%	—	72%	—	67%	70%	—	69%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.97	0.94	1.20	1.90	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	301	301	0.01	< 0.005	< 0.005	303
Mit.	0.86	0.85	0.45	2.12	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	301	301	0.01	< 0.005	< 0.005	303
% Reduced	12%	9%	62%	-12%	—	72%	—	67%	70%	—	69%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	9.55	9.31	9.77	15.3	0.03	0.28	0.02	0.30	0.25	0.01	0.26	—	2,652	2,652	0.13	0.03	0.07	2,665
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	1.20	1.03	7.56	12.0	0.02	0.26	0.02	0.27	0.24	< 0.005	0.24	—	2,240	2,240	0.11	0.03	< 0.005	2,251

2030	9.54	9.31	9.79	15.5	0.03	0.28	0.02	0.30	0.25	0.01	0.26	—	2,652	2,652	0.13	0.03	< 0.005	2,665
2031	9.49	9.27	9.50	15.4	0.03	0.26	0.02	0.28	0.24	0.01	0.24	—	2,651	2,651	0.12	0.03	< 0.005	2,664
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.05	0.04	0.31	0.49	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	92.0	92.0	< 0.005	< 0.005	< 0.005	92.5
2030	5.32	5.17	6.56	10.4	0.02	0.19	0.01	0.21	0.18	< 0.005	0.18	—	1,821	1,821	0.09	0.02	0.02	1,830
2031	1.14	1.11	0.96	1.54	< 0.005	0.03	< 0.005	0.03	0.02	< 0.005	0.02	—	261	261	0.01	< 0.005	< 0.005	262
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01	0.01	0.06	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.2	15.2	< 0.005	< 0.005	< 0.005	15.3
2030	0.97	0.94	1.20	1.90	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	301	301	0.01	< 0.005	< 0.005	303
2031	0.21	0.20	0.18	0.28	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	43.2	43.2	< 0.005	< 0.005	< 0.005	43.4

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	8.61	8.57	3.97	17.0	0.03	0.08	0.02	0.10	0.07	0.01	0.08	—	2,652	2,652	0.13	0.03	0.07	2,665
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.53	0.50	2.00	14.1	0.02	0.07	0.02	0.09	0.07	< 0.005	0.07	—	2,240	2,240	0.11	0.03	< 0.005	2,251
2030	8.60	8.57	3.98	17.1	0.03	0.08	0.02	0.10	0.07	0.01	0.08	—	2,652	2,652	0.13	0.03	< 0.005	2,665
2031	8.59	8.55	3.97	17.0	0.03	0.08	0.02	0.10	0.07	0.01	0.08	—	2,651	2,651	0.12	0.03	< 0.005	2,664
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.02	0.02	0.08	0.58	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	92.0	92.0	< 0.005	< 0.005	< 0.005	92.5
2030	4.70	4.68	2.49	11.6	0.02	0.05	0.01	0.07	0.05	< 0.005	0.06	—	1,821	1,821	0.09	0.02	0.02	1,830
2031	1.04	1.04	0.43	1.69	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	261	261	0.01	< 0.005	< 0.005	262

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.2	15.2	< 0.005	< 0.005	< 0.005	15.3
2030	0.86	0.85	0.45	2.12	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	301	301	0.01	< 0.005	< 0.005	303
2031	0.19	0.19	0.08	0.31	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	43.2	43.2	< 0.005	< 0.005	< 0.005	43.4

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.0	38.6	3.49	78.0	0.19	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,670	7,901	20.7	0.21	11.8	8,491
Mit.	42.0	38.6	3.49	78.0	0.19	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,671	7,902	20.7	0.21	11.8	8,493
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.4	38.0	3.53	70.3	0.18	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,489	7,720	20.7	0.22	4.10	8,305
Mit.	41.4	38.0	3.53	70.3	0.18	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,490	7,721	20.7	0.22	4.10	8,306
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.3	10.9	1.40	21.6	0.05	0.57	3.85	4.43	0.56	0.98	1.54	245	4,661	4,906	17.7	0.18	7.31	5,410
Mit.	11.3	10.9	1.40	21.6	0.05	0.57	3.85	4.43	0.56	0.98	1.54	245	4,662	4,907	17.7	0.18	7.31	5,411
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.06	1.98	0.26	3.94	0.01	0.10	0.70	0.81	0.10	0.18	0.28	40.6	772	812	2.93	0.03	1.21	896

Mit.	2.06	1.98	0.26	3.94	0.01	0.10	0.70	0.81	0.10	0.18	0.28	40.6	772	812	2.93	0.03	1.21	896
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	> -0.5%	—	> -0.5%
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Area	40.4	37.2	2.40	63.9	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,040	3,098	3.16	0.04	—	3,188
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	630	630	0.08	0.01	—	635
Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	42.0	38.6	3.49	78.0	0.19	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,670	7,901	20.7	0.21	11.8	8,491
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Area	39.8	36.6	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	630	630	0.08	0.01	—	635
Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	41.4	38.0	3.53	70.3	0.18	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,489	7,720	20.7	0.22	4.10	8,305
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.55	1.38	1.20	13.2	0.04	0.02	3.85	3.87	0.02	0.98	1.00	—	3,834	3,834	0.16	0.15	3.41	3,885
Area	9.74	9.50	0.20	8.34	0.01	0.55	—	0.55	0.54	—	0.54	72.5	150	223	0.22	< 0.005	—	229
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	630	630	0.08	0.01	—	635
Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	11.3	10.9	1.40	21.6	0.05	0.57	3.85	4.43	0.56	0.98	1.54	245	4,661	4,906	17.7	0.18	7.31	5,410
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643
Area	1.78	1.73	0.04	1.52	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	24.9	36.9	0.04	< 0.005	—	37.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	104	104	0.01	< 0.005	—	105
Water	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6
Waste	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	2.06	1.98	0.26	3.94	0.01	0.10	0.70	0.81	0.10	0.18	0.28	40.6	772	812	2.93	0.03	1.21	896

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Area	40.4	37.2	2.40	63.9	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,040	3,098	3.16	0.04	—	3,188
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	631	631	0.08	0.01	—	636

Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	42.0	38.6	3.49	78.0	0.19	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,671	7,902	20.7	0.21	11.8	8,493
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Area	39.8	36.6	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	631	631	0.08	0.01	—	636
Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	41.4	38.0	3.53	70.3	0.18	8.09	3.90	12.0	7.94	0.99	8.93	1,231	6,490	7,721	20.7	0.22	4.10	8,306
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.55	1.38	1.20	13.2	0.04	0.02	3.85	3.87	0.02	0.98	1.00	—	3,834	3,834	0.16	0.15	3.41	3,885
Area	9.74	9.50	0.20	8.34	0.01	0.55	—	0.55	0.54	—	0.54	72.5	150	223	0.22	< 0.005	—	229
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	631	631	0.08	0.01	—	636
Water	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Waste	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	11.3	10.9	1.40	21.6	0.05	0.57	3.85	4.43	0.56	0.98	1.54	245	4,662	4,907	17.7	0.18	7.31	5,411
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643
Area	1.78	1.73	0.04	1.52	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	24.9	36.9	0.04	< 0.005	—	37.9
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	104	104	0.01	< 0.005	—	105
Water	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6
Waste	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	2.06	1.98	0.26	3.94	0.01	0.10	0.70	0.81	0.10	0.18	0.28	40.6	772	812	2.93	0.03	1.21	896

3. Construction Emissions Details

3.1. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.82	7.37	11.3	0.02	0.26	—	0.26	0.24	—	0.24	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.30	0.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.0	90.0	< 0.005	< 0.005	—	90.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.9	14.9	< 0.005	< 0.005	—	14.9

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.05	0.63	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.5	26.5	0.01	0.01	< 0.005	28.6
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.18
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.32	0.30	1.81	13.3	0.02	0.07	—	0.07	0.07	—	0.07	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01	0.01	0.07	0.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	90.0	90.0	< 0.005	< 0.005	—	90.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	< 0.005	< 0.005	0.01	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.9	14.9	< 0.005	< 0.005	—	14.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.20	0.05	0.63	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.5	26.5	0.01	0.01	< 0.005	28.6
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.10	1.10	< 0.005	< 0.005	< 0.005	1.18
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.57	5.14	8.06	0.01	0.17	—	0.17	0.16	—	0.16	—	1,564	1,564	0.06	0.01	—	1,569

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.94	1.47	< 0.005	0.03	—	0.03	0.03	—	0.03	—	259	259	0.01	< 0.005	—	260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.19	0.04	0.50	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.6	26.6	0.01	0.01	0.03	28.7
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.3	23.3	0.01	< 0.005	0.02	24.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.19	0.05	0.59	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.1	26.1	0.01	0.01	< 0.005	28.1
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.5	23.5	0.01	< 0.005	< 0.005	24.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.41	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	18.7	18.7	0.01	< 0.005	0.01	20.2
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.10	3.10	< 0.005	< 0.005	< 0.005	3.34
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.76	2.76	< 0.005	< 0.005	< 0.005	2.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.29	1.81	13.3	0.02	0.07	—	0.07	0.07	—	0.07	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.29	1.81	13.3	0.02	0.07	—	0.07	0.07	—	0.07	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.21	1.29	9.52	0.01	0.05	—	0.05	0.05	—	0.05	—	1,564	1,564	0.06	0.01	—	1,569
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.24	1.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	259	259	0.01	< 0.005	—	260

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.19	0.04	0.50	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.6	26.6	0.01	0.01	0.03	28.7
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.3	23.3	0.01	< 0.005	0.02	24.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.19	0.05	0.59	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	26.1	26.1	0.01	0.01	< 0.005	28.1
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.5	23.5	0.01	< 0.005	< 0.005	24.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.41	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	18.7	18.7	0.01	< 0.005	0.01	20.2
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.10	3.10	< 0.005	< 0.005	< 0.005	3.34
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.76	2.76	< 0.005	< 0.005	< 0.005	2.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.79	6.94	11.2	0.02	0.23	—	0.23	0.21	—	0.21	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.65	1.06	< 0.005	0.02	—	0.02	0.02	—	0.02	—	206	206	0.01	< 0.005	—	206
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.18	0.05	0.55	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	25.6	25.6	0.01	0.01	< 0.005	27.7
Vendor	0.01	0.01	0.13	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.1	23.1	0.01	< 0.005	< 0.005	24.2

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.26
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.29	1.81	13.3	0.02	0.07	—	0.07	0.07	—	0.07	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.17	1.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.01	< 0.005	—	206

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.18	0.05	0.55	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	25.6	25.6	0.01	0.01	< 0.005	27.7
Vendor	0.01	0.01	0.13	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.1	23.1	0.01	< 0.005	< 0.005	24.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.61
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.26
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.26	1.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	215	215	0.01	< 0.005	—	216
Architectural Coatings	4.27	4.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.7
Architectural Coatings	0.78	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.84	5.84	< 0.005	< 0.005	0.01	6.30
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	6.17
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.09	3.09	< 0.005	< 0.005	< 0.005	3.33
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.55

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.03	0.03	1.04	1.55	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	215	215	0.01	< 0.005	—	216
Architectural Coatings	4.27	4.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.7
Architectural Coatings	0.78	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.84	5.84	< 0.005	< 0.005	0.01	6.30
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.72	5.72	< 0.005	< 0.005	< 0.005	6.17
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.09	3.09	< 0.005	< 0.005	< 0.005	3.33

Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.55
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.29	2.33	3.31	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49.4	49.4	< 0.005	< 0.005	—	49.6

Architectural	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.18	8.18	< 0.005	< 0.005	—	8.20
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.63	5.63	< 0.005	< 0.005	< 0.005	6.07
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.59	6.59	< 0.005	< 0.005	< 0.005	6.92
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.94	2.89	0.01	0.01	—	0.01	0.01	—	0.01	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.24	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49.4	49.4	< 0.005	< 0.005	—	49.6
Architectural Coatings	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.18	8.18	< 0.005	< 0.005	—	8.20
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.12	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.63	5.63	< 0.005	< 0.005	< 0.005	6.07
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.59	6.59	< 0.005	< 0.005	< 0.005	6.92
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Total	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Total	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643
Total	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Total	1.57	1.40	1.09	14.1	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,954	3,954	0.16	0.14	7.90	4,007
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Total	1.56	1.39	1.19	12.8	0.04	0.02	3.90	3.92	0.02	0.99	1.01	—	3,790	3,790	0.16	0.15	0.20	3,838
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643
Total	0.28	0.25	0.22	2.41	0.01	< 0.005	0.70	0.71	< 0.005	0.18	0.18	—	635	635	0.03	0.02	0.57	643

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	630	630	0.08	0.01	—	635
Total	—	—	—	—	—	—	—	—	—	—	—	—	630	630	0.08	0.01	—	635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	630	630	0.08	0.01	—	635
Total	—	—	—	—	—	—	—	—	—	—	—	—	630	630	0.08	0.01	—	635
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	104	104	0.01	< 0.005	—	105
Total	—	—	—	—	—	—	—	—	—	—	—	—	104	104	0.01	< 0.005	—	105

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	631	631	0.08	0.01	—	636
Total	—	—	—	—	—	—	—	—	—	—	—	—	631	631	0.08	0.01	—	636
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	631	631	0.08	0.01	—	636
Total	—	—	—	—	—	—	—	—	—	—	—	—	631	631	0.08	0.01	—	636
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	104	104	0.01	< 0.005	—	105
Total	—	—	—	—	—	—	—	—	—	—	—	—	104	104	0.01	< 0.005	—	105

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	32.7	29.5	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Consumer Products	6.57	6.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59	0.55	0.06	6.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Total	40.4	37.2	2.40	63.9	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,040	3,098	3.16	0.04	—	3,188
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	32.7	29.5	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Consumer Products	6.57	6.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	39.8	36.6	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	22.9	34.9	0.04	< 0.005	—	36.0

Consumer Products	1.20	1.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.07	0.01	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.94	1.94	< 0.005	< 0.005	—	1.95
Total	1.78	1.73	0.04	1.52	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	24.9	36.9	0.04	< 0.005	—	37.9

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	32.7	29.5	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Consumer Products	6.57	6.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59	0.55	0.06	6.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Total	40.4	37.2	2.40	63.9	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,040	3,098	3.16	0.04	—	3,188

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	32.7	29.5	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Consumer Products	6.57	6.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	39.8	36.6	2.34	57.5	0.15	8.07	—	8.07	7.92	—	7.92	1,058	2,022	3,081	3.16	0.04	—	3,171
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.41	0.37	0.03	0.72	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	22.9	34.9	0.04	< 0.005	—	36.0
Consumer Products	1.20	1.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.07	0.01	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.94	1.94	< 0.005	< 0.005	—	1.95
Total	1.78	1.73	0.04	1.52	< 0.005	0.10	—	0.10	0.10	—	0.10	12.0	24.9	36.9	0.04	< 0.005	—	37.9

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Total	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Total	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6
Total	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Total	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Total	—	—	—	—	—	—	—	—	—	—	—	8.07	47.0	55.1	0.83	0.02	—	82.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6
Total	—	—	—	—	—	—	—	—	—	—	—	1.34	7.78	9.12	0.14	< 0.005	—	13.6

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Total	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Total	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2
Total	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Total	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Total	—	—	—	—	—	—	—	—	—	—	—	164	0.00	164	16.4	0.00	—	575
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Retirement Commu	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2
Total	—	—	—	—	—	—	—	—	—	—	—	27.2	0.00	27.2	2.72	0.00	—	95.2

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.90	3.90
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.65	0.65

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/11/2029	2/17/2031	5.00	310	—
Architectural Coating	Architectural Coating	4/2/2030	3/4/2031	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	82.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	18.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	82.0	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT

Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	18.0	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	621,549	207,183	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction

Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	487	487	487	177,766	5,501	5,501	5,501	2,007,720

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Retirement Community	487	487	487	177,766	5,501	5,501	5,501	2,007,720

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	96
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Retirement Community	—
Wood Fireplaces	6
Gas Fireplaces	96
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	11
Conventional Wood Stoves	0
Catalytic Wood Stoves	6
Non-Catalytic Wood Stoves	6
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
621549.45	207,183	0.00	0.00	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	881,413	261	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Retirement Community	883,101	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,211,939	6,994,604

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Retirement Community	4,211,939	6,994,604

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	305	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Retirement Community	305	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0

AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2

Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1

Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	113 homes on 21.3 acres
Construction: Construction Phases	Applicant provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased. Applicant also provided input on construction equipment quantities and types.
Operations: Energy Use	All electric development

Appendix C

CalEEMod Construction HRA Output Files

Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving HRA Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Grading, Offsite Infrastructure, Onsite Utilities and Paving HRA
Construction Start Date	9/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Other Asphalt Surfaces	43.2	Acre	43.2	0.00	1,224,178	0.00	—	—

Other Non-Asphalt Surfaces	82.7	Acre	82.7	0.00	0.00	0.00	—	—
Parking Lot	0.77	Acre	0.77	0.00	9,350	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-15	Require All-Electric Development
Refrigerants	R-1	Use Alternative Refrigerants Instead of High-GWP Refrigerants

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.6	10.6	89.9	98.2	0.23	3.58	9.05	12.6	3.29	3.96	6.35	—	25,173	25,173	1.03	0.21	0.05	25,262
Mit.	3.03	2.94	17.7	135	0.23	0.58	9.05	9.63	0.57	3.96	4.07	—	25,173	25,173	1.03	0.21	0.05	25,262
% Reduced	76%	72%	80%	-37%	—	84%	—	24%	83%	—	36%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.9	9.19	80.7	80.2	0.20	3.33	9.05	12.4	3.06	3.05	6.12	—	21,230	21,230	0.87	0.18	< 0.005	21,304
Mit.	3.47	3.38	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,230	21,230	0.87	0.18	< 0.005	21,304
% Reduced	68%	63%	86%	-39%	—	88%	—	24%	87%	—	44%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.88	4.14	33.6	37.1	0.09	1.34	3.30	4.63	1.23	1.11	2.34	—	9,379	9,379	0.39	0.08	0.01	9,412
Mit.	1.32	1.28	6.74	50.5	0.09	0.22	3.30	3.51	0.21	1.11	1.32	—	9,379	9,379	0.39	0.08	0.01	9,412
% Reduced	73%	69%	80%	-36%	—	84%	—	24%	83%	—	43%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.89	0.76	6.14	6.76	0.02	0.24	0.60	0.85	0.22	0.20	0.43	—	1,553	1,553	0.06	0.01	< 0.005	1,558
Mit.	0.24	0.23	1.23	9.22	0.02	0.04	0.60	0.64	0.04	0.20	0.24	—	1,553	1,553	0.06	0.01	< 0.005	1,558
% Reduced	73%	69%	80%	-36%	—	84%	—	24%	83%	—	43%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	10.9	9.19	80.7	80.1	0.20	3.33	9.05	12.4	3.06	3.96	6.12	—	21,230	21,230	0.87	0.18	0.04	21,304
2027	12.6	10.6	89.9	98.2	0.23	3.58	9.05	12.6	3.29	3.05	6.35	—	25,173	25,173	1.03	0.21	0.05	25,262
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	10.9	9.19	80.7	80.2	0.20	3.33	9.05	12.4	3.06	3.05	6.12	—	21,230	21,230	0.87	0.18	< 0.005	21,304
2027	10.6	8.89	75.3	79.3	0.20	3.10	9.05	12.1	2.85	3.05	5.90	—	21,226	21,226	0.87	0.18	< 0.005	21,301
2028	3.33	3.18	7.64	12.0	0.02	0.28	< 0.005	0.29	0.26	< 0.005	0.26	—	1,814	1,814	0.08	0.02	< 0.005	1,821
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.23	1.88	16.6	16.5	0.04	0.69	2.10	2.79	0.63	0.78	1.41	—	4,217	4,217	0.17	0.04	< 0.005	4,231
2027	4.88	4.14	33.6	37.1	0.09	1.34	3.30	4.63	1.23	1.11	2.34	—	9,379	9,379	0.39	0.08	0.01	9,412
2028	0.18	0.17	0.42	0.66	< 0.005	0.02	< 0.005	0.02	0.01	< 0.005	0.01	—	99.4	99.4	< 0.005	< 0.005	< 0.005	99.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.41	0.34	3.03	3.01	0.01	0.13	0.38	0.51	0.12	0.14	0.26	—	698	698	0.03	0.01	< 0.005	701
2027	0.89	0.76	6.14	6.76	0.02	0.24	0.60	0.85	0.22	0.20	0.43	—	1,553	1,553	0.06	0.01	< 0.005	1,558
2028	0.03	0.03	0.08	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	< 0.005	16.5

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.16	2.15	11.1	111	0.20	0.40	9.05	9.45	0.40	3.96	4.07	—	21,230	21,230	0.87	0.18	0.04	21,304
2027	3.03	2.94	17.7	135	0.23	0.58	9.05	9.63	0.57	3.05	3.62	—	25,173	25,173	1.03	0.21	0.05	25,262

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.16	2.15	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,230	21,230	0.87	0.18	< 0.005	21,304
2027	3.47	3.38	11.1	111	0.20	0.40	9.05	9.45	0.40	3.05	3.45	—	21,226	21,226	0.87	0.18	< 0.005	21,301
2028	2.59	2.59	2.13	12.8	0.02	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	1,814	1,814	0.08	0.02	< 0.005	1,821
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.43	0.43	2.20	22.2	0.04	0.08	2.10	2.18	0.08	0.78	0.86	—	4,217	4,217	0.17	0.04	< 0.005	4,231
2027	1.32	1.28	6.74	50.5	0.09	0.22	3.30	3.51	0.21	1.11	1.32	—	9,379	9,379	0.39	0.08	0.01	9,412
2028	0.14	0.14	0.12	0.70	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	99.4	99.4	< 0.005	< 0.005	< 0.005	99.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.08	0.08	0.40	4.05	0.01	0.01	0.38	0.40	0.01	0.14	0.16	—	698	698	0.03	0.01	< 0.005	701
2027	0.24	0.23	1.23	9.22	0.02	0.04	0.60	0.64	0.04	0.20	0.24	—	1,553	1,553	0.06	0.01	< 0.005	1,558
2028	0.03	0.03	0.02	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	< 0.005	16.5

3. Construction Emissions Details

3.1. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.08	3.43	31.7	31.4	0.05	1.41	—	1.41	1.30	—	1.30	—	5,664	5,664	0.23	0.05	—	5,684

Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.73	1.72	< 0.005	0.08	—	0.08	0.07	—	0.07	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.32	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	9.03

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	2.84	30.9	0.05	0.11	—	0.11	0.11	—	0.11	—	5,664	5,664	0.23	0.05	—	5,684
Dust From Material Movement	—	—	—	—	—	—	7.87	7.87	—	3.96	3.96	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.16	1.69	< 0.005	0.01	—	0.01	0.01	—	0.01	—	310	310	0.01	< 0.005	—	311
Dust From Material Movement	—	—	—	—	—	—	0.43	0.43	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	8.40	8.40	< 0.005	< 0.005	0.01	9.03
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.8	9.05	80.7	79.7	0.20	3.33	—	3.33	3.06	—	3.06	—	21,206	21,206	0.86	0.17	—	21,279

Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.8	14.7	0.04	0.61	—	0.61	0.56	—	0.56	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.71	2.67	0.01	0.11	—	0.11	0.10	—	0.10	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.03	0.38	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.8	16.8	0.01	< 0.005	0.03	18.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.04	0.44	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	< 0.005	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.19	7.19	< 0.005	< 0.005	< 0.005	7.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.05	3.05	< 0.005	< 0.005	< 0.005	3.28
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.32	1.32	< 0.005	< 0.005	< 0.005	1.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,206	21,206	0.86	0.17	—	21,279
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	2.02	20.4	0.04	0.07	—	0.07	0.07	—	0.07	—	3,901	3,901	0.16	0.03	—	3,914
Dust From Material Movement	—	—	—	—	—	—	1.66	1.66	—	0.56	0.56	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.37	3.73	0.01	0.01	—	0.01	0.01	—	0.01	—	646	646	0.03	0.01	—	648
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.03	0.38	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.8	16.8	0.01	< 0.005	0.03	18.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.13	7.13	< 0.005	< 0.005	0.01	7.51
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.04	0.44	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	< 0.005	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.19	7.19	< 0.005	< 0.005	< 0.005	7.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.05	3.05	< 0.005	< 0.005	< 0.005	3.28
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.32	1.32	< 0.005	< 0.005	< 0.005	1.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	< 0.005	0.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.4	8.76	75.2	78.9	0.20	3.10	—	3.10	2.85	—	2.85	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.79	3.19	27.4	28.7	0.07	1.13	—	1.13	1.04	—	1.04	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.58	5.00	5.24	0.01	0.21	—	0.21	0.19	—	0.19	—	1,278	1,278	0.05	0.01	—	1,282

Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.35	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	0.03	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.03	0.42	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.1	16.1	0.01	< 0.005	< 0.005	17.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.91	5.91	< 0.005	< 0.005	< 0.005	6.37
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.56	2.56	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.01	2.01	11.0	111	0.20	0.40	—	0.40	0.40	—	0.40	—	21,203	21,203	0.86	0.17	—	21,276
Dust From Material Movement	—	—	—	—	—	—	9.04	9.04	—	3.05	3.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.73	4.01	40.4	0.07	0.15	—	0.15	0.15	—	0.15	—	7,718	7,718	0.31	0.06	—	7,744
Dust From Material Movement	—	—	—	—	—	—	3.29	3.29	—	1.11	1.11	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.73	7.37	0.01	0.03	—	0.03	0.03	—	0.03	—	1,278	1,278	0.05	0.01	—	1,282
Dust From Material Movement	—	—	—	—	—	—	0.60	0.60	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.03	0.35	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.5	16.5	0.01	< 0.005	0.03	17.7
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.13	0.03	0.42	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.1	16.1	0.01	< 0.005	< 0.005	17.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.91	5.91	< 0.005	< 0.005	< 0.005	6.37
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.56	2.56	< 0.005	< 0.005	< 0.005	2.70
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.05

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	7.94	11.9	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.61	0.91	< 0.005	0.03	—	0.03	0.02	—	0.02	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8

Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,808
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.01	< 0.005	—	138
Paving	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.8	22.8	< 0.005	< 0.005	—	22.8
Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	7.59	11.8	0.02	0.28	—	0.28	0.26	—	0.26	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.05	0.04	0.42	0.65	< 0.005	0.02	—	0.02	0.01	—	0.01	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	< 0.005	6.39
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	2.08	12.6	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807
Paving	2.35	2.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	98.7	98.7	< 0.005	< 0.005	—	99.0
Paving	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.3	16.3	< 0.005	< 0.005	—	16.4
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.94	5.94	< 0.005	< 0.005	< 0.005	6.39
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Utilities (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.98	1.66	14.6	18.8	0.04	0.49	—	0.49	0.45	—	0.45	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.60	7.21	0.01	0.19	—	0.19	0.17	—	0.17	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.02	1.32	< 0.005	0.03	—	0.03	0.03	—	0.03	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.18	6.18	< 0.005	< 0.005	0.01	6.64
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.52
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Utilities (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.74	6.58	23.3	0.04	0.18	—	0.18	0.17	—	0.17	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.82	0.74	6.58	23.3	0.04	0.18	—	0.18	0.17	—	0.17	—	3,934	3,934	0.16	0.03	—	3,947
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.29	2.52	8.92	0.01	0.07	—	0.07	0.06	—	0.06	—	1,509	1,509	0.06	0.01	—	1,514
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.46	1.63	< 0.005	0.01	—	0.01	0.01	—	0.01	—	250	250	0.01	< 0.005	—	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.18	6.18	< 0.005	< 0.005	0.01	6.64
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	0.01	7.40
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.06	6.06	< 0.005	< 0.005	< 0.005	6.52
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.09	7.09	< 0.005	< 0.005	< 0.005	7.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.34	2.34	< 0.005	< 0.005	< 0.005	2.52
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	9/1/2026	9/28/2026	5.00	20.0	—
Grading	Grading	9/29/2026	7/5/2027	5.00	200	—
Paving	Paving	11/23/2027	1/28/2028	5.00	49.0	—
Utilities	Trenching	6/8/2027	12/20/2027	5.00	140	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Average	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Utilities	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Utilities	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Utilities	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Site Preparation	Excavators	Diesel	Tier 4 Final	1.00	1.00	36.0	0.38
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	3.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	5.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Utilities	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Utilities	Trenchers	Diesel	Tier 4 Final	1.00	8.00	40.0	0.50
Utilities	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Utilities	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Utilities	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Utilities	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Utilities	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48
Utilities	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48
Utilities	Pumps	Diesel	Average	1.00	8.00	11.0	0.74

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	0.25	LDA,LDT1,LDT2
Grading	Vendor	4.00	0.25	HHDT,MHDT
Grading	Hauling	0.00	0.25	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	0.25	LDA,LDT1,LDT2
Paving	Vendor	4.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	0.25	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	0.25	LDA,LDT1,LDT2
Utilities	Vendor	4.00	0.25	HHDT,MHDT
Utilities	Hauling	0.00	0.25	HHDT

Utilities	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	24.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	48.0	0.25	LDA,LDT1,LDT2
Grading	Vendor	4.00	0.25	HHDT,MHDT
Grading	Hauling	0.00	0.25	HHDT
Grading	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	18.0	0.25	LDA,LDT1,LDT2
Paving	Vendor	4.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	0.25	HHDT
Paving	Onsite truck	0.00	—	HHDT
Utilities	—	—	—	—
Utilities	Worker	18.0	0.25	LDA,LDT1,LDT2
Utilities	Vendor	4.00	0.25	HHDT,MHDT
Utilities	Hauling	0.00	0.25	HHDT
Utilities	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	75.0	0.00	—
Grading	0.00	0.00	300	0.00	—
Paving	0.00	0.00	0.00	0.00	127

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Other Asphalt Surfaces	43.2	100%
Other Non-Asphalt Surfaces	82.7	0%
Parking Lot	0.77	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005
2028	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38

Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653

Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8

Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant provided information. 126.7 acres disturbed.
Construction: Construction Phases	Client provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Removed worker trips as they are not diesel-fueled. Truck trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Updated equipment list per client information and linear type projects.
Construction: Dust From Material Movement	Soil will be balanced on-site

Belcaro at Sand Canyon Phase 1 Home Building HRA Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 1 Home Building HRA
Construction Start Date	1/11/2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114	Dwelling Unit	19.1	309,655	408,059	0.00	337	Active Senior Living
Health Club	7.60	1000sqft	3.00	7,600	0.00	0.00	—	—

Recreational Swimming Pool	4.00	1000sqft	0.10	4,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	0.04	4,068
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	< 0.005	4,068
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.75	3.52	10.3	15.3	0.03	0.35	< 0.005	0.35	0.32	< 0.005	0.32	—	2,656	2,656	0.11	0.02	0.01	2,667
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.68	0.64	1.87	2.80	< 0.005	0.06	< 0.005	0.06	0.06	< 0.005	0.06	—	440	440	0.02	< 0.005	< 0.005	441
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—

Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	0.04	4,068
2029	8.71	8.64	2.42	3.37	0.01	0.04	< 0.005	0.04	0.04	< 0.005	0.04	—	407	407	0.02	< 0.005	0.01	409
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	< 0.005	4,068
2029	10.4	10.1	15.7	24.0	0.04	0.48	< 0.005	0.48	0.44	< 0.005	0.44	—	4,051	4,051	0.17	0.04	< 0.005	4,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.75	3.52	10.3	15.3	0.03	0.35	< 0.005	0.35	0.32	< 0.005	0.32	—	2,656	2,656	0.11	0.02	0.01	2,667
2029	3.50	3.44	2.92	4.39	0.01	0.08	< 0.005	0.08	0.08	< 0.005	0.08	—	708	708	0.03	0.01	< 0.005	710
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.68	0.64	1.87	2.80	< 0.005	0.06	< 0.005	0.06	0.06	< 0.005	0.06	—	440	440	0.02	< 0.005	< 0.005	441
2029	0.64	0.63	0.53	0.80	< 0.005	0.01	< 0.005	0.02	0.01	< 0.005	0.01	—	117	117	< 0.005	< 0.005	< 0.005	118

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	0.04	4,068
2029	8.71	8.64	2.42	3.37	0.01	0.04	< 0.005	0.04	0.04	< 0.005	0.04	—	407	407	0.02	< 0.005	0.01	409
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	10.5	10.1	16.2	24.0	0.04	0.52	< 0.005	0.53	0.48	< 0.005	0.48	—	4,052	4,052	0.17	0.04	< 0.005	4,068
2029	10.4	10.1	15.7	24.0	0.04	0.48	< 0.005	0.48	0.44	< 0.005	0.44	—	4,051	4,051	0.17	0.04	< 0.005	4,066
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	3.75	3.52	10.3	15.3	0.03	0.35	< 0.005	0.35	0.32	< 0.005	0.32	—	2,656	2,656	0.11	0.02	0.01	2,667
2029	3.50	3.44	2.92	4.39	0.01	0.08	< 0.005	0.08	0.08	< 0.005	0.08	—	708	708	0.03	0.01	< 0.005	710
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.68	0.64	1.87	2.80	< 0.005	0.06	< 0.005	0.06	0.06	< 0.005	0.06	—	440	440	0.02	< 0.005	< 0.005	441
2029	0.64	0.63	0.53	0.80	< 0.005	0.01	< 0.005	0.02	0.01	< 0.005	0.01	—	117	117	< 0.005	< 0.005	< 0.005	118

3. Construction Emissions Details

3.1. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.43	14.3	0.02	0.33	—	0.33	0.31	—	0.31	—	2,520	2,520	0.10	0.02	—	2,528
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.72	2.60	< 0.005	0.06	—	0.06	0.06	—	0.06	—	417	417	0.02	< 0.005	—	419
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.6	27.6	0.01	< 0.005	0.03	29.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.16	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.9	27.9	0.01	< 0.005	< 0.005	29.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.11	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.01	20.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.76	1.47	13.5	20.5	0.03	0.48	—	0.48	0.44	—	0.44	—	3,617	3,617	0.15	0.03	—	3,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.43	14.3	0.02	0.33	—	0.33	0.31	—	0.31	—	2,520	2,520	0.10	0.02	—	2,528
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.19	1.72	2.60	< 0.005	0.06	—	0.06	0.06	—	0.06	—	417	417	0.02	< 0.005	—	419
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.6	27.6	0.01	< 0.005	0.03	29.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.16	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.9	27.9	0.01	< 0.005	< 0.005	29.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.11	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.01	20.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.73	1.45	13.1	20.5	0.03	0.44	—	0.44	0.41	—	0.41	—	3,616	3,616	0.15	0.03	—	3,628
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.00	3.12	0.01	0.07	—	0.07	0.06	—	0.06	—	552	552	0.02	< 0.005	—	554

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.36	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.4	27.4	0.01	< 0.005	< 0.005	28.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.73	1.45	13.1	20.5	0.03	0.44	—	0.44	0.41	—	0.41	—	3,616	3,616	0.15	0.03	—	3,628
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.00	3.12	0.01	0.07	—	0.07	0.06	—	0.06	—	552	552	0.02	< 0.005	—	554
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.36	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	27.4	27.4	0.01	< 0.005	< 0.005	28.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.15	4.15	< 0.005	< 0.005	< 0.005	4.36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.70	0.97	< 0.005	0.01	—	0.01	0.01	—	0.01	—	115	115	< 0.005	< 0.005	—	116
Architectural Coatings	2.40	2.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.1	19.1	< 0.005	< 0.005	—	19.1
Architectural Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.90	6.90	< 0.005	< 0.005	0.01	7.25

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Architectural Coating (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.32	2.42	3.35	0.01	0.05	—	0.05	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.70	0.97	< 0.005	0.01	—	0.01	0.01	—	0.01	—	115	115	< 0.005	< 0.005	—	116
Architectural Coatings	2.40	2.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.1	19.1	< 0.005	< 0.005	—	19.1
Architectural Coatings	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.90	6.90	< 0.005	< 0.005	0.01	7.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.97	6.97	< 0.005	< 0.005	< 0.005	7.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.99	1.99	< 0.005	< 0.005	< 0.005	2.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.89	1.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	149	149	0.01	< 0.005	—	149
Architectural Coatings	3.10	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.16	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.7

Architect Coatings	0.57	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.66
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.33	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.89	1.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	149	149	0.01	< 0.005	—	149
Architectural Coatings	3.10	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.16	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.7	24.7	< 0.005	< 0.005	—	24.7
Architectural Coatings	0.57	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.66
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	1/11/2028	3/19/2029	5.00	310	—
Architectural Coating	Architectural Coating	8/7/2028	7/9/2029	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37

Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	16.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	16.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	627,051	209,017	11,400	3,800	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%
Health Club	0.00	0%
Recreational Swimming Pool	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00	532	0.03	< 0.005
2029	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1

Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626

Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7

Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	114 homes on 19.1 acres
Construction: Construction Phases	Estimated schedule
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Removed worker trips as they are not diesel-fueled. Truck trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased.
Operations: Energy Use	All electric development

Belcaro at Sand Canyon Phase 2 Home Building HRA Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 2 Home Building HRA
Construction Start Date	12/26/2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	114	Dwelling Unit	18.0	309,655	408,059	0.00	337	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.0	9.71	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	0.03	3,958
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.0	9.70	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	< 0.005	3,959
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.24	5.04	8.68	13.7	0.02	0.27	< 0.005	0.27	0.24	< 0.005	0.24	—	2,324	2,324	0.10	0.02	0.01	2,333
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.96	0.92	1.58	2.50	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.04	—	385	385	0.02	< 0.005	< 0.005	386
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	10.0	9.71	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	0.03	3,958
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.65	1.38	12.9	20.1	0.03	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,538	3,538	0.15	0.03	< 0.005	3,551
2029	10.0	9.70	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	< 0.005	3,959
2030	8.40	8.34	2.39	3.35	0.01	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	407	407	0.02	< 0.005	< 0.005	409
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.02	0.02	0.15	0.24	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	41.5	41.5	< 0.005	< 0.005	< 0.005	41.7
2029	5.24	5.04	8.68	13.7	0.02	0.27	< 0.005	0.27	0.24	< 0.005	0.24	—	2,324	2,324	0.10	0.02	0.01	2,333
2030	1.28	1.27	0.37	0.51	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	62.2	62.2	< 0.005	< 0.005	< 0.005	62.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.88	6.88	< 0.005	< 0.005	< 0.005	6.90
2029	0.96	0.92	1.58	2.50	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.04	—	385	385	0.02	< 0.005	< 0.005	386
2030	0.23	0.23	0.07	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	< 0.005	10.3

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	10.0	9.71	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	0.03	3,958
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	1.65	1.38	12.9	20.1	0.03	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,538	3,538	0.15	0.03	< 0.005	3,551
2029	10.0	9.70	14.9	23.4	0.04	0.45	< 0.005	0.45	0.41	< 0.005	0.41	—	3,943	3,943	0.17	0.04	< 0.005	3,959
2030	8.40	8.34	2.39	3.35	0.01	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	407	407	0.02	< 0.005	< 0.005	409
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	0.02	0.02	0.15	0.24	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	41.5	41.5	< 0.005	< 0.005	< 0.005	41.7
2029	5.24	5.04	8.68	13.7	0.02	0.27	< 0.005	0.27	0.24	< 0.005	0.24	—	2,324	2,324	0.10	0.02	0.01	2,333
2030	1.28	1.27	0.37	0.51	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	62.2	62.2	< 0.005	< 0.005	< 0.005	62.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2028	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.88	6.88	< 0.005	< 0.005	< 0.005	6.90
2029	0.96	0.92	1.58	2.50	< 0.005	0.05	< 0.005	0.05	0.04	< 0.005	0.04	—	385	385	0.02	< 0.005	< 0.005	386
2030	0.23	0.23	0.07	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	< 0.005	10.3

3. Construction Emissions Details

3.1. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.64	1.38	12.8	20.0	0.03	0.45	—	0.45	0.41	—	0.41	—	3,513	3,513	0.14	0.03	—	3,525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	41.3	41.3	< 0.005	< 0.005	—	41.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.83	6.83	< 0.005	< 0.005	—	6.85
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.64	1.38	12.8	20.0	0.03	0.45	—	0.45	0.41	—	0.41	—	3,513	3,513	0.14	0.03	—	3,525
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.23	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	41.3	41.3	< 0.005	< 0.005	—	41.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.83	6.83	< 0.005	< 0.005	—	6.85
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.4	24.4	0.01	< 0.005	< 0.005	25.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.81	7.37	11.9	0.02	0.25	—	0.25	0.23	—	0.23	—	2,103	2,103	0.09	0.02	—	2,110
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.35	2.18	< 0.005	0.04	—	0.04	0.04	—	0.04	—	348	348	0.01	< 0.005	—	349
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.36	2.36	< 0.005	< 0.005	< 0.005	2.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.61	1.35	12.3	19.9	0.03	0.41	—	0.41	0.38	—	0.38	—	3,512	3,512	0.14	0.03	—	3,524
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.81	7.37	11.9	0.02	0.25	—	0.25	0.23	—	0.23	—	2,103	2,103	0.09	0.02	—	2,110
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.35	2.18	< 0.005	0.04	—	0.04	0.04	—	0.04	—	348	348	0.01	< 0.005	—	349
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.7	23.7	0.01	< 0.005	0.02	24.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.3	14.3	< 0.005	< 0.005	0.01	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.36	2.36	< 0.005	< 0.005	< 0.005	2.48
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.21	1.69	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Architectural Coatings	4.08	4.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7
Architectural Coatings	0.74	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.45	3.45	< 0.005	< 0.005	< 0.005	3.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.57	0.57	< 0.005	< 0.005	< 0.005	0.60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.38	3.34	0.01	0.04	—	0.04	0.04	—	0.04	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.21	1.69	< 0.005	0.02	—	0.02	0.02	—	0.02	—	203	203	0.01	< 0.005	—	204
Architectural Coatings	4.08	4.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.22	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.6	33.6	< 0.005	< 0.005	—	33.7

Architect Coatings	0.74	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.77	6.77	< 0.005	< 0.005	0.01	7.12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.85	6.85	< 0.005	< 0.005	< 0.005	7.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.45	3.45	< 0.005	< 0.005	< 0.005	3.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.57	0.57	< 0.005	< 0.005	< 0.005	0.60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.36	0.51	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	61.1	61.1	< 0.005	< 0.005	—	61.3
Architectural Coatings	1.23	1.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.2
Architectural Coatings	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	8.04	8.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.36	0.51	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	61.1	61.1	< 0.005	< 0.005	—	61.3
Architectural Coatings	1.23	1.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.2
Architectural Coatings	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/26/2028	11/2/2029	5.00	224	—
Architectural Coating	Architectural Coating	4/17/2029	3/19/2030	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	6.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	627,051	209,017	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2028	0.00	532	0.03	< 0.005
2029	0.00	532	0.03	< 0.005

2030	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0

AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422
Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2

Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0
Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1

Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	114 homes on 18 acres
Construction: Construction Phases	Applicant provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Removed worker trips as they are not diesel-fueled. Truck trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Equipment revised based on applicant information and increased due to shorter construction schedule compared to default.
Operations: Energy Use	All electric development

Belcaro at Sand Canyon Phase 3 Home Building HRA Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Belcaro at Sand Canyon Phase 3 Home Building HRA
Construction Start Date	12/11/2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.6
Location	34.42197842323212, -118.40897926477638
County	Los Angeles-South Coast
City	Santa Clarita
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3692
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	113	Dwelling Unit	21.3	306,938	408,059	0.00	334	Active Senior Living

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Energy	E-15	Require All-Electric Development

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.30	9.08	9.72	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	0.03	2,630
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.30	9.08	9.73	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	< 0.005	2,631
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.16	5.01	6.52	9.93	0.02	0.19	< 0.005	0.19	0.18	< 0.005	0.18	—	1,799	1,799	0.08	0.02	0.01	1,806
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.94	0.91	1.19	1.81	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	298	298	0.01	< 0.005	< 0.005	299
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	9.30	9.08	9.72	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	0.03	2,630
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.99	0.83	7.51	11.4	0.02	0.26	< 0.005	0.26	0.24	< 0.005	0.24	—	2,213	2,213	0.09	0.02	< 0.005	2,222
2030	9.30	9.08	9.73	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	< 0.005	2,631
2031	9.27	9.05	9.44	14.7	0.03	0.26	< 0.005	0.26	0.24	< 0.005	0.24	—	2,620	2,620	0.11	0.03	< 0.005	2,630
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.04	0.03	0.31	0.47	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	91.0	91.0	< 0.005	< 0.005	< 0.005	91.3
2030	5.16	5.01	6.52	9.93	0.02	0.19	< 0.005	0.19	0.18	< 0.005	0.18	—	1,799	1,799	0.08	0.02	0.01	1,806
2031	1.12	1.09	0.96	1.48	< 0.005	0.03	< 0.005	0.03	0.02	< 0.005	0.02	—	258	258	0.01	< 0.005	< 0.005	259
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01	0.01	0.06	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.1	15.1	< 0.005	< 0.005	< 0.005	15.1
2030	0.94	0.91	1.19	1.81	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	298	298	0.01	< 0.005	< 0.005	299
2031	0.20	0.20	0.17	0.27	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	42.7	42.7	< 0.005	< 0.005	< 0.005	42.9

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2030	9.30	9.08	9.72	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	0.03	2,630
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.99	0.83	7.51	11.4	0.02	0.26	< 0.005	0.26	0.24	< 0.005	0.24	—	2,213	2,213	0.09	0.02	< 0.005	2,222
2030	9.30	9.08	9.73	14.7	0.03	0.28	< 0.005	0.28	0.25	< 0.005	0.26	—	2,620	2,620	0.11	0.03	< 0.005	2,631
2031	9.27	9.05	9.44	14.7	0.03	0.26	< 0.005	0.26	0.24	< 0.005	0.24	—	2,620	2,620	0.11	0.03	< 0.005	2,630
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.04	0.03	0.31	0.47	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	91.0	91.0	< 0.005	< 0.005	< 0.005	91.3
2030	5.16	5.01	6.52	9.93	0.02	0.19	< 0.005	0.19	0.18	< 0.005	0.18	—	1,799	1,799	0.08	0.02	0.01	1,806
2031	1.12	1.09	0.96	1.48	< 0.005	0.03	< 0.005	0.03	0.02	< 0.005	0.02	—	258	258	0.01	< 0.005	< 0.005	259
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2029	0.01	0.01	0.06	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.1	15.1	< 0.005	< 0.005	< 0.005	15.1
2030	0.94	0.91	1.19	1.81	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	—	298	298	0.01	< 0.005	< 0.005	299
2031	0.20	0.20	0.17	0.27	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	42.7	42.7	< 0.005	< 0.005	< 0.005	42.9

3. Construction Emissions Details

3.1. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.82	7.37	11.3	0.02	0.26	—	0.26	0.24	—	0.24	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.30	0.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.0	90.0	< 0.005	< 0.005	—	90.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.9	14.9	< 0.005	< 0.005	—	14.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.82	7.37	11.3	0.02	0.26	—	0.26	0.24	—	0.24	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.30	0.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.0	90.0	< 0.005	< 0.005	—	90.3

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.9	14.9	< 0.005	< 0.005	—	14.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	24.0	24.0	0.01	< 0.005	< 0.005	25.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.98	0.98	< 0.005	< 0.005	< 0.005	1.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Building Construction (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.57	5.14	8.06	0.01	0.17	—	0.17	0.16	—	0.16	—	1,564	1,564	0.06	0.01	—	1,569
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.94	1.47	< 0.005	0.03	—	0.03	0.03	—	0.03	—	259	259	0.01	< 0.005	—	260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.3	23.3	0.01	< 0.005	0.02	24.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.5	23.5	0.01	< 0.005	< 0.005	24.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.76	2.76	< 0.005	< 0.005	< 0.005	2.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Building Construction (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	7.20	11.3	0.02	0.24	—	0.24	0.22	—	0.22	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.57	5.14	8.06	0.01	0.17	—	0.17	0.16	—	0.16	—	1,564	1,564	0.06	0.01	—	1,569
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.94	1.47	< 0.005	0.03	—	0.03	0.03	—	0.03	—	259	259	0.01	< 0.005	—	260
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.3	23.3	0.01	< 0.005	0.02	24.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.14	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.5	23.5	0.01	< 0.005	< 0.005	24.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.10	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.7	16.7	< 0.005	< 0.005	0.01	17.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.76	2.76	< 0.005	< 0.005	< 0.005	2.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.79	6.94	11.2	0.02	0.23	—	0.23	0.21	—	0.21	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.65	1.06	< 0.005	0.02	—	0.02	0.02	—	0.02	—	206	206	0.01	< 0.005	—	206
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.1	23.1	0.01	< 0.005	< 0.005	24.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.26
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	0.79	6.94	11.2	0.02	0.23	—	0.23	0.21	—	0.21	—	2,189	2,189	0.09	0.02	—	2,197
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.65	1.06	< 0.005	0.02	—	0.02	0.02	—	0.02	—	206	206	0.01	< 0.005	—	206
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.13	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.1	23.1	0.01	< 0.005	< 0.005	24.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.26
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.37
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.26	1.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	215	215	0.01	< 0.005	—	216
Architectural Coatings	4.27	4.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.7
Architectural Coatings	0.78	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.35	3.32	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.26	1.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	215	215	0.01	< 0.005	—	216
Architectural Coatings	4.27	4.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.7

Architect Coatings	0.78	0.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.65	6.65	< 0.005	< 0.005	0.01	6.99
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.72	6.72	< 0.005	< 0.005	< 0.005	7.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.29	2.33	3.31	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49.4	49.4	< 0.005	< 0.005	—	49.6
Architectural Coatings	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.18	8.18	< 0.005	< 0.005	—	8.20
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.59	6.59	< 0.005	< 0.005	< 0.005	6.92
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.35	0.29	2.33	3.31	0.01	0.03	—	0.03	0.03	—	0.03	—	401	401	0.02	< 0.005	—	402
Architectural Coatings	7.97	7.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.29	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49.4	49.4	< 0.005	< 0.005	—	49.6
Architectural Coatings	0.98	0.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.18	8.18	< 0.005	< 0.005	—	8.20
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.59	6.59	< 0.005	< 0.005	< 0.005	6.92
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.85
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	12/11/2029	2/17/2031	5.00	310	—
Architectural Coating	Architectural Coating	4/2/2030	3/4/2031	5.00	241	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.25	LDA,LDT1,LDT2
Building Construction	Vendor	14.0	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	4.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	621,549	207,183	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2029	0.00	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	24.0	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	17.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0
AQ-PM	50.1
AQ-DPM	7.26
Drinking Water	68.4
Lead Risk Housing	23.0
Pesticides	0.00
Toxic Releases	39.1
Traffic	82.2
Effect Indicators	—
CleanUp Sites	54.7
Groundwater	22.1
Haz Waste Facilities/Generators	26.7
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	33.7
Cardio-vascular	23.5
Low Birth Weights	1.68
Socioeconomic Factor Indicators	—
Education	5.10
Housing	28.7
Linguistic	7.38
Poverty	4.17
Unemployment	74.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	85.97459258
Employed	44.86077249
Median HI	93.59681766
Education	—
Bachelor's or higher	78.22404722
High school enrollment	100
Preschool enrollment	16.05286796
Transportation	—
Auto Access	93.63531374
Active commuting	21.54497626
Social	—
2-parent households	58.50121904
Voting	59.27114077
Neighborhood	—
Alcohol availability	90.5812909
Park access	16.05286796
Retail density	1.796484024
Supermarket access	14.98780957
Tree canopy	59.41229308
Housing	—
Homeownership	99.34556653
Housing habitability	62.11985115
Low-inc homeowner severe housing cost burden	77.65943796
Low-inc renter severe housing cost burden	14.38470422

Uncrowded housing	96.93314513
Health Outcomes	—
Insured adults	89.15693571
Arthritis	20.2
Asthma ER Admissions	72.8
High Blood Pressure	33.3
Cancer (excluding skin)	9.7
Asthma	76.7
Coronary Heart Disease	23.5
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	64.3
Life Expectancy at Birth	60.0
Cognitively Disabled	82.5
Physically Disabled	78.7
Heart Attack ER Admissions	62.3
Mental Health Not Good	76.1
Chronic Kidney Disease	55.3
Obesity	67.3
Pedestrian Injuries	19.6
Physical Health Not Good	65.0
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	32.5
Current Smoker	75.7
No Leisure Time for Physical Activity	83.8
Climate Change Exposures	—
Wildfire Risk	86.0
SLR Inundation Area	0.0

Children	83.0
Elderly	27.3
English Speaking	56.8
Foreign-born	29.1
Outdoor Workers	52.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.3
Traffic Density	62.5
Traffic Access	23.0
Other Indices	—
Hardship	12.2
Other Decision Support	—
2016 Voting	67.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	14.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	113 homes on 21.3 acres
Construction: Construction Phases	Applicant provided schedule.
Operations: Vehicle Data	Only residential trips
Construction: Trips and VMT	Even number of trips. Removed worker trips as they are not diesel-fueled. Truck trip length reduced to 0.25 miles to reflect onsite emissions.
Construction: Off-Road Equipment	Construction schedule is shorter than default schedule for building construction for the number of homes 370 days versus 310 so equipment was increased. Applicant also provided input on construction equipment quantities and types.
Operations: Energy Use	All electric development

Appendix D

NO_2, CO, PM_{10}, and $PM_{2.5}$
AERMOD Dispersion Output Files

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                          (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN

```
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - -
```

```
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                  ** CONC OF CO       IN MICROGRAMS/M**3
             **

                                                      DATE
                                        NETWORK
GROUP ID                             AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      80.38470  ON 22022008: AT (  370655.48,
3809958.59,   495.91,  1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  8-HR
RESULTS ***
```

** CONC OF CO IN MICROGRAMS/M**3
**

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

```
 CN W733    1600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816
 CN W733    3640         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W733    9808         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020021316
 CN W733   10504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316
 CN W733   10528         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416
 CN W733   10552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516
 CN W733   10576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616
 CN W733   10984         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216
 CN W733   11008         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316
 CN W733   11104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716
 CN W733   11416         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016
 CN W733   14072         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020080908
 CN W733   15496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716
 CN W733   15568         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016
 CN W733   15720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101624
 CN W733   15728         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101708
 CN W733   15872         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020102308
 CN W733   16360         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216
 CN W733   16504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816
 CN W733   16552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016
 CN W733   16576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116
 CN W733   16600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216
 CN W733   16624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
```

2020112316
 CN W733   16648   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416
 CN W733   16672   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516
 CN W733   17152   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516
 CN W733   17296   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116
 CN W733   17752   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916
 CN W733   17776   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016
 CN W733   17800   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116
 CN W733   17824   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216
 CN W733   18088   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316
 CN W733   18112   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416
 CN W733   18136   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516
 CN W733   19208   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031108
 CN W733   19232   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031208
 CN W733   19288   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416
 CN W733   19672   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016
 CN W733   19768   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316
 CN W733   19856   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040708
 CN W733   19904   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040908
 CN W733   20960   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021052308
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2021060316
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 CN W733   43696   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023122616

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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/5/2025
** FILE: BELCARO\BELCARO-CO\BELCARO.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
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**
CO STARTING
   TITLEONE C:\USERS\ENUNO\ONEDRIVE - DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL BELCARO.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.5472539732
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
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   LOCATION L0001476     VOLUME   370875.546 3809729.940 493.44
   LOCATION L0001477     VOLUME   370875.546 3809739.940 493.15
   LOCATION L0001478     VOLUME   370869.052 3809743.446 493.09
   LOCATION L0001479     VOLUME   370859.052 3809743.446 493.15
   LOCATION L0001480     VOLUME   370849.052 3809743.446 493.21
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** SOURCE PARAMETERS **
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SRCPARAM L0001433     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001434     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001435     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001436     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001437     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001438     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001439     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001440     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001441     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001442     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001443     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001444     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001445     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001446     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001447     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001448     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001449     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001450     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001451     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001452     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001453     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001454     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001455     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001456     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001457     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001458     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001459     0.0010454419      5.00      4.65      4.65
SRCPARAM L0001460     0.0010454419      5.00      4.65      4.65
```

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   SRCPARAM L0001461     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001462     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001463     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001464     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001465     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001466     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001467     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001468     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001469     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001470     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001471     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001472     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001473     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001474     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001475     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001476     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001477     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001478     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001479     0.0010454419      5.00      4.65      4.65
   SRCPARAM L0001480     0.0010454419      5.00      4.65      4.65
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED BELCARO.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE BELCARO.DAT\SCLR_V11_TRIMMED.SFC
   PROFFILE BELCARO.DAT\SCLR_V11_TRIMMED.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
```

```
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST BELCARO.AD\01H1GALL.PLT 31
   PLOTFILE   8 ALL 1ST BELCARO.AD\08H1GALL.PLT 32
   SUMMFILE BELCARO.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3146       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
```

```
 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1480 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)
```

```
 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.10454E-02  370831.2 3808733.6   529.6     5.00     4.65
4.65     YES                   NO
 L0000002         0   0.10454E-02  370832.9 3808743.5   529.1     5.00     4.65
4.65     YES                   NO
 L0000003         0   0.10454E-02  370834.5 3808753.3   528.5     5.00     4.65
4.65     YES                   NO
 L0000004         0   0.10454E-02  370836.1 3808763.2   528.0     5.00     4.65
4.65     YES                   NO
```

L0000005	0	0.10454E-02	370837.8	3808773.1	527.5	5.00	4.65	
4.65	YES	NO						
L0000006	0	0.10454E-02	370839.4	3808782.9	526.9	5.00	4.65	
4.65	YES	NO						
L0000007	0	0.10454E-02	370841.0	3808792.8	526.4	5.00	4.65	
4.65	YES	NO						
L0000008	0	0.10454E-02	370842.7	3808802.7	525.9	5.00	4.65	
4.65	YES	NO						
L0000009	0	0.10454E-02	370844.3	3808812.5	525.3	5.00	4.65	
4.65	YES	NO						
L0000010	0	0.10454E-02	370845.9	3808822.4	524.8	5.00	4.65	
4.65	YES	NO						
L0000011	0	0.10454E-02	370846.9	3808832.3	524.2	5.00	4.65	
4.65	YES	NO						
L0000012	0	0.10454E-02	370845.4	3808842.1	523.4	5.00	4.65	
4.65	YES	NO						
L0000013	0	0.10454E-02	370843.9	3808852.0	522.5	5.00	4.65	
4.65	YES	NO						
L0000014	0	0.10454E-02	370842.4	3808861.9	521.7	5.00	4.65	
4.65	YES	NO						
L0000015	0	0.10454E-02	370840.8	3808871.8	520.9	5.00	4.65	
4.65	YES	NO						
L0000016	0	0.10454E-02	370839.3	3808881.7	520.0	5.00	4.65	
4.65	YES	NO						
L0000017	0	0.10454E-02	370837.8	3808891.6	519.2	5.00	4.65	
4.65	YES	NO						
L0000018	0	0.10454E-02	370836.3	3808901.5	518.3	5.00	4.65	
4.65	YES	NO						
L0000019	0	0.10454E-02	370834.8	3808911.3	517.5	5.00	4.65	
4.65	YES	NO						
L0000020	0	0.10454E-02	370833.3	3808921.2	516.7	5.00	4.65	
4.65	YES	NO						
L0000021	0	0.10454E-02	370831.9	3808931.1	515.9	5.00	4.65	
4.65	YES	NO						
L0000022	0	0.10454E-02	370831.6	3808941.1	515.6	5.00	4.65	
4.65	YES	NO						
L0000023	0	0.10454E-02	370831.4	3808951.1	515.3	5.00	4.65	
4.65	YES	NO						
L0000024	0	0.10454E-02	370831.1	3808961.1	514.9	5.00	4.65	
4.65	YES	NO						
L0000025	0	0.10454E-02	370830.9	3808971.1	514.6	5.00	4.65	
4.65	YES	NO						
L0000026	0	0.10454E-02	370830.6	3808981.1	514.3	5.00	4.65	
4.65	YES	NO						
L0000027	0	0.10454E-02	370830.4	3808991.1	514.0	5.00	4.65	
4.65	YES	NO						
L0000028	0	0.10454E-02	370830.1	3809001.1	513.7	5.00	4.65	
4.65	YES	NO						
L0000029	0	0.10454E-02	370829.8	3809011.1	513.3	5.00	4.65	
4.65	YES	NO						

```
 L0000030         0   0.10454E-02  370829.4 3809021.1   513.0     5.00     4.65
4.65     YES                    NO
 L0000031         0   0.10454E-02  370829.1 3809031.1   512.6     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.10454E-02  370828.7 3809041.1   512.2     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.10454E-02  370828.4 3809051.1   511.9     5.00     4.65
4.65     YES                    NO
 L0000034         0   0.10454E-02  370828.1 3809061.1   511.6     5.00     4.65
4.65     YES                    NO
 L0000035         0   0.10454E-02  370827.7 3809071.1   511.2     5.00     4.65
4.65     YES                    NO
 L0000036         0   0.10454E-02  370827.4 3809081.1   510.9     5.00     4.65
4.65     YES                    NO
 L0000037         0   0.10454E-02  370827.1 3809091.0   510.5     5.00     4.65
4.65     YES                    NO
 L0000038         0   0.10454E-02  370826.7 3809101.0   510.1     5.00     4.65
4.65     YES                    NO
 L0000039         0   0.10454E-02  370826.4 3809111.0   509.8     5.00     4.65
4.65     YES                    NO
 L0000040         0   0.10454E-02  370826.0 3809121.0   509.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.10454E-02  370825.7 3809131.0   509.1     5.00     4.65
4.65     YES                    NO
 L0000042         0   0.10454E-02  370825.4 3809141.0   508.7     5.00     4.65
4.65     YES                    NO
 L0000043         0   0.10454E-02  370825.0 3809151.0   508.4     5.00     4.65
4.65     YES                    NO
 L0000044         0   0.10454E-02  370824.7 3809161.0   508.0     5.00     4.65
4.65     YES                    NO
```

L0000045	0	0.10454E-02	370824.4	3809171.0	507.7	5.00	4.65	
4.65	YES	NO						
L0000046	0	0.10454E-02	370824.0	3809181.0	507.3	5.00	4.65	
4.65	YES	NO						
L0000047	0	0.10454E-02	370823.7	3809191.0	507.0	5.00	4.65	
4.65	YES	NO						
L0000048	0	0.10454E-02	370823.3	3809201.0	506.6	5.00	4.65	
4.65	YES	NO						
L0000049	0	0.10454E-02	370823.0	3809211.0	506.3	5.00	4.65	
4.65	YES	NO						
L0000050	0	0.10454E-02	370822.7	3809221.0	505.9	5.00	4.65	
4.65	YES	NO						
L0000051	0	0.10454E-02	370822.3	3809231.0	505.6	5.00	4.65	
4.65	YES	NO						
L0000052	0	0.10454E-02	370822.0	3809241.0	505.2	5.00	4.65	
4.65	YES	NO						
L0000053	0	0.10454E-02	370821.7	3809251.0	504.9	5.00	4.65	
4.65	YES	NO						
L0000054	0	0.10454E-02	370821.3	3809260.9	504.5	5.00	4.65	
4.65	YES	NO						
L0000055	0	0.10454E-02	370824.8	3809267.8	504.6	5.00	4.65	
4.65	YES	NO						
L0000056	0	0.10454E-02	370834.7	3809269.4	505.2	5.00	4.65	
4.65	YES	NO						
L0000057	0	0.10454E-02	370844.6	3809271.1	505.9	5.00	4.65	
4.65	YES	NO						
L0000058	0	0.10454E-02	370854.4	3809272.7	506.6	5.00	4.65	
4.65	YES	NO						
L0000059	0	0.10454E-02	370864.3	3809274.4	507.3	5.00	4.65	
4.65	YES	NO						
L0000060	0	0.10454E-02	370874.2	3809276.0	507.9	5.00	4.65	
4.65	YES	NO						
L0000061	0	0.10454E-02	370882.9	3809279.6	508.2	5.00	4.65	
4.65	YES	NO						
L0000062	0	0.10454E-02	370889.1	3809287.5	507.4	5.00	4.65	
4.65	YES	NO						
L0000063	0	0.10454E-02	370895.3	3809295.3	506.6	5.00	4.65	
4.65	YES	NO						
L0000064	0	0.10454E-02	370901.4	3809303.2	505.8	5.00	4.65	
4.65	YES	NO						
L0000065	0	0.10454E-02	370907.6	3809311.0	505.1	5.00	4.65	
4.65	YES	NO						
L0000066	0	0.10454E-02	370913.8	3809318.9	504.3	5.00	4.65	
4.65	YES	NO						
L0000067	0	0.10454E-02	370920.0	3809326.7	503.5	5.00	4.65	
4.65	YES	NO						
L0000068	0	0.10454E-02	370926.2	3809334.6	502.7	5.00	4.65	
4.65	YES	NO						
L0000069	0	0.10454E-02	370935.3	3809336.8	502.8	5.00	4.65	
4.65	YES	NO						

 L0000070   0   0.10454E-02 370945.3 3809337.4   503.1   5.00   4.65
4.65   YES   NO
 L0000071   0   0.10454E-02 370955.3 3809338.0   503.5   5.00   4.65
4.65   YES   NO
 L0000072   0   0.10454E-02 370965.3 3809338.6   503.8   5.00   4.65
4.65   YES   NO
 L0000073   0   0.10454E-02 370975.3 3809339.2   504.2   5.00   4.65
4.65   YES   NO
 L0000074   0   0.10454E-02 370985.3 3809339.8   504.5   5.00   4.65
4.65   YES   NO
 L0000075   0   0.10454E-02 370987.1 3809348.4   503.8   5.00   4.65
4.65   YES   NO
 L0000076   0   0.10454E-02 370987.5 3809358.4   502.8   5.00   4.65
4.65   YES   NO
 L0000077   0   0.10454E-02 370987.9 3809368.4   501.9   5.00   4.65
4.65   YES   NO
 L0000078   0   0.10454E-02 370988.3 3809378.4   501.0   5.00   4.65
4.65   YES   NO
 L0000079   0   0.10454E-02 370992.2 3809384.7   500.4   5.00   4.65
4.65   YES   NO
 L0000080   0   0.10454E-02 371002.2 3809384.6   500.5   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

L0000085	0	0.10454E-02	371052.2	3809384.1	500.9	5.00	4.65	
4.65	YES	NO						
L0000086	0	0.10454E-02	371062.2	3809384.0	501.0	5.00	4.65	
4.65	YES	NO						
L0000087	0	0.10454E-02	371072.2	3809383.9	501.1	5.00	4.65	
4.65	YES	NO						
L0000088	0	0.10454E-02	371082.2	3809383.8	501.2	5.00	4.65	
4.65	YES	NO						
L0000089	0	0.10454E-02	371092.2	3809383.7	501.2	5.00	4.65	
4.65	YES	NO						
L0000090	0	0.10454E-02	371102.2	3809383.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000091	0	0.10454E-02	371112.2	3809383.5	501.4	5.00	4.65	
4.65	YES	NO						
L0000092	0	0.10454E-02	371122.2	3809383.4	501.5	5.00	4.65	
4.65	YES	NO						
L0000093	0	0.10454E-02	371132.2	3809383.3	501.6	5.00	4.65	
4.65	YES	NO						
L0000094	0	0.10454E-02	371142.2	3809383.2	501.6	5.00	4.65	
4.65	YES	NO						
L0000095	0	0.10454E-02	371152.2	3809383.1	501.7	5.00	4.65	
4.65	YES	NO						
L0000096	0	0.10454E-02	371162.2	3809382.9	501.8	5.00	4.65	
4.65	YES	NO						
L0000097	0	0.10454E-02	371162.6	3809392.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000098	0	0.10454E-02	371162.7	3809402.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000099	0	0.10454E-02	371162.8	3809412.6	501.6	5.00	4.65	
4.65	YES	NO						
L0000100	0	0.10454E-02	371162.8	3809422.6	501.5	5.00	4.65	
4.65	YES	NO						
L0000101	0	0.10454E-02	371162.9	3809432.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000102	0	0.10454E-02	371163.0	3809442.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000103	0	0.10454E-02	371163.1	3809452.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000104	0	0.10454E-02	371163.2	3809462.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000105	0	0.10454E-02	371163.3	3809472.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000106	0	0.10454E-02	371163.4	3809482.6	501.1	5.00	4.65	
4.65	YES	NO						
L0000107	0	0.10454E-02	371163.4	3809492.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000108	0	0.10454E-02	371163.5	3809502.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000109	0	0.10454E-02	371163.6	3809512.6	500.9	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000121	0	0.10454E-02	371164.6	3809632.6	500.1	5.00	4.65	4.65	YES	NO
L0000122	0	0.10454E-02	371164.7	3809642.6	500.0	5.00	4.65	4.65	YES	NO
L0000123	0	0.10454E-02	371164.8	3809652.6	499.9	5.00	4.65	4.65	YES	NO
L0000124	0	0.10454E-02	371164.9	3809662.6	499.9	5.00	4.65	4.65	YES	NO

L0000125	0	0.10454E-02	371165.0	3809672.6	499.8	5.00	4.65	4.65
YES		NO						
L0000126	0	0.10454E-02	371165.0	3809682.6	499.7	5.00	4.65	4.65
YES		NO						
L0000127	0	0.10454E-02	371165.1	3809692.6	499.7	5.00	4.65	4.65
YES		NO						
L0000128	0	0.10454E-02	371165.2	3809702.6	499.6	5.00	4.65	4.65
YES		NO						
L0000129	0	0.10454E-02	371165.3	3809712.6	499.5	5.00	4.65	4.65
YES		NO						
L0000130	0	0.10454E-02	371165.4	3809722.6	499.5	5.00	4.65	4.65
YES		NO						
L0000131	0	0.10454E-02	371165.5	3809732.6	499.4	5.00	4.65	4.65
YES		NO						
L0000132	0	0.10454E-02	371165.6	3809742.6	499.3	5.00	4.65	4.65
YES		NO						
L0000133	0	0.10454E-02	371165.6	3809752.6	499.3	5.00	4.65	4.65
YES		NO						
L0000134	0	0.10454E-02	371165.7	3809762.6	499.2	5.00	4.65	4.65
YES		NO						
L0000135	0	0.10454E-02	371165.8	3809772.6	499.1	5.00	4.65	4.65
YES		NO						
L0000136	0	0.10454E-02	371165.9	3809782.6	499.1	5.00	4.65	4.65
YES		NO						
L0000137	0	0.10454E-02	371166.0	3809792.6	499.0	5.00	4.65	4.65
YES		NO						
L0000138	0	0.10454E-02	371166.1	3809802.6	498.9	5.00	4.65	4.65
YES		NO						
L0000139	0	0.10454E-02	371166.2	3809812.6	498.9	5.00	4.65	4.65
YES		NO						
L0000140	0	0.10454E-02	371166.2	3809822.6	498.8	5.00	4.65	4.65
YES		NO						
L0000141	0	0.10454E-02	371166.3	3809832.6	498.7	5.00	4.65	4.65
YES		NO						
L0000142	0	0.10454E-02	371166.4	3809842.6	498.7	5.00	4.65	4.65
YES		NO						
L0000143	0	0.10454E-02	371166.5	3809852.6	498.6	5.00	4.65	4.65
YES		NO						
L0000144	0	0.10454E-02	371166.6	3809862.6	498.5	5.00	4.65	4.65
YES		NO						
L0000145	0	0.10454E-02	371166.7	3809872.6	498.4	5.00	4.65	4.65
YES		NO						
L0000146	0	0.10454E-02	371166.7	3809882.6	498.4	5.00	4.65	4.65
YES		NO						
L0000147	0	0.10454E-02	371166.8	3809892.6	498.3	5.00	4.65	4.65
YES		NO						
L0000148	0	0.10454E-02	371166.9	3809902.6	498.2	5.00	4.65	4.65
YES		NO						
L0000149	0	0.10454E-02	371167.0	3809912.6	498.2	5.00	4.65	4.65
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000150	0	0.10454E-02	371167.1	3809922.6	498.1	5.00	4.65	4.65	YES	NO	
L0000151	0	0.10454E-02	371167.2	3809932.6	498.0	5.00	4.65	4.65	YES	NO	
L0000152	0	0.10454E-02	371167.3	3809942.6	498.0	5.00	4.65	4.65	YES	NO	
L0000153	0	0.10454E-02	371167.3	3809952.6	497.9	5.00	4.65	4.65	YES	NO	
L0000154	0	0.10454E-02	371167.4	3809962.6	497.8	5.00	4.65	4.65	YES	NO	
L0000155	0	0.10454E-02	371167.5	3809972.6	497.8	5.00	4.65	4.65	YES	NO	
L0000156	0	0.10454E-02	371167.6	3809982.6	497.7	5.00	4.65	4.65	YES	NO	
L0000157	0	0.10454E-02	371167.7	3809992.6	497.6	5.00	4.65	4.65	YES	NO	
L0000158	0	0.10454E-02	371167.8	3810002.6	497.6	5.00	4.65	4.65	YES	NO	
L0000159	0	0.10454E-02	371167.8	3810012.6	497.5	5.00	4.65	4.65	YES	NO	
L0000160	0	0.10454E-02	371163.2	3810017.1	497.4	5.00	4.65	4.65	YES	NO	
L0000161	0	0.10454E-02	371153.4	3810015.5	497.3	5.00	4.65	4.65	YES	NO	
L0000162	0	0.10454E-02	371143.5	3810013.9	497.2	5.00	4.65	4.65	YES	NO	
L0000163	0	0.10454E-02	371133.6	3810012.3	497.1	5.00	4.65	4.65	YES	NO	
L0000164	0	0.10454E-02	371123.8	3810010.7	497.0	5.00	4.65	4.65	YES	NO	

L0000165	0	0.10454E-02	371113.9	3810009.1	496.9	5.00	4.65	
4.65	YES	NO						
L0000166	0	0.10454E-02	371104.0	3810007.5	496.8	5.00	4.65	
4.65	YES	NO						
L0000167	0	0.10454E-02	371094.1	3810005.9	496.8	5.00	4.65	
4.65	YES	NO						
L0000168	0	0.10454E-02	371084.3	3810004.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000169	0	0.10454E-02	371074.4	3810002.7	496.6	5.00	4.65	
4.65	YES	NO						
L0000170	0	0.10454E-02	371064.5	3810001.1	496.5	5.00	4.65	
4.65	YES	NO						
L0000171	0	0.10454E-02	371054.7	3809999.5	496.4	5.00	4.65	
4.65	YES	NO						
L0000172	0	0.10454E-02	371044.8	3809997.9	496.3	5.00	4.65	
4.65	YES	NO						
L0000173	0	0.10454E-02	371034.9	3809996.3	496.2	5.00	4.65	
4.65	YES	NO						
L0000174	0	0.10454E-02	371025.0	3809994.7	496.1	5.00	4.65	
4.65	YES	NO						
L0000175	0	0.10454E-02	371015.2	3809993.1	496.0	5.00	4.65	
4.65	YES	NO						
L0000176	0	0.10454E-02	371005.3	3809991.5	495.9	5.00	4.65	
4.65	YES	NO						
L0000177	0	0.10454E-02	370995.4	3809989.9	495.8	5.00	4.65	
4.65	YES	NO						
L0000178	0	0.10454E-02	370985.6	3809988.2	495.7	5.00	4.65	
4.65	YES	NO						
L0000179	0	0.10454E-02	370975.7	3809986.6	495.6	5.00	4.65	
4.65	YES	NO						
L0000180	0	0.10454E-02	370965.8	3809985.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000181	0	0.10454E-02	370956.0	3809983.4	495.4	5.00	4.65	
4.65	YES	NO						
L0000182	0	0.10454E-02	370946.1	3809981.8	495.4	5.00	4.65	
4.65	YES	NO						
L0000183	0	0.10454E-02	370936.2	3809980.2	495.2	5.00	4.65	
4.65	YES	NO						
L0000184	0	0.10454E-02	370926.3	3809978.6	495.2	5.00	4.65	
4.65	YES	NO						
L0000185	0	0.10454E-02	370916.5	3809977.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000186	0	0.10454E-02	370906.6	3809975.4	495.0	5.00	4.65	
4.65	YES	NO						
L0000187	0	0.10454E-02	370896.7	3809973.8	494.9	5.00	4.65	
4.65	YES	NO						
L0000188	0	0.10454E-02	370886.9	3809972.2	494.8	5.00	4.65	
4.65	YES	NO						
L0000189	0	0.10454E-02	370877.0	3809970.6	494.7	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000201	0	0.10454E-02	370758.5	3809951.4	493.6	5.00	4.65	4.65	YES	NO
L0000202	0	0.10454E-02	370748.7	3809949.8	493.5	5.00	4.65	4.65	YES	NO
L0000203	0	0.10454E-02	370741.9	3809956.9	492.8	5.00	4.65	4.65	YES	NO
L0000204	0	0.10454E-02	370735.3	3809964.4	492.0	5.00	4.65	4.65	YES	NO

L0000205	0	0.10454E-02	370728.8	3809971.9	491.3	5.00	4.65	
4.65	YES	NO						
L0000206	0	0.10454E-02	370722.2	3809979.5	490.5	5.00	4.65	
4.65	YES	NO						
L0000207	0	0.10454E-02	370715.6	3809987.0	489.8	5.00	4.65	
4.65	YES	NO						
L0000208	0	0.10454E-02	370709.0	3809994.5	489.0	5.00	4.65	
4.65	YES	NO						
L0000209	0	0.10454E-02	370702.4	3810002.0	488.3	5.00	4.65	
4.65	YES	NO						
L0000210	0	0.10454E-02	370695.8	3810009.6	487.5	5.00	4.65	
4.65	YES	NO						
L0000211	0	0.10454E-02	370689.2	3810017.1	486.8	5.00	4.65	
4.65	YES	NO						
L0000212	0	0.10454E-02	370682.2	3810024.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000213	0	0.10454E-02	370674.5	3810030.5	485.6	5.00	4.65	
4.65	YES	NO						
L0000214	0	0.10454E-02	370666.8	3810036.9	485.0	5.00	4.65	
4.65	YES	NO						
L0000215	0	0.10454E-02	370659.2	3810043.3	484.5	5.00	4.65	
4.65	YES	NO						
L0000216	0	0.10454E-02	370651.5	3810049.7	484.0	5.00	4.65	
4.65	YES	NO						
L0000217	0	0.10454E-02	370643.8	3810056.1	483.4	5.00	4.65	
4.65	YES	NO						
L0000218	0	0.10454E-02	370636.1	3810062.5	482.9	5.00	4.65	
4.65	YES	NO						
L0000219	0	0.10454E-02	370627.5	3810066.3	482.6	5.00	4.65	
4.65	YES	NO						
L0000220	0	0.10454E-02	370617.5	3810066.3	482.7	5.00	4.65	
4.65	YES	NO						
L0000221	0	0.10454E-02	370607.5	3810066.3	482.8	5.00	4.65	
4.65	YES	NO						
L0000222	0	0.10454E-02	370597.5	3810066.3	482.9	5.00	4.65	
4.65	YES	NO						
L0000223	0	0.10454E-02	370587.5	3810066.3	483.0	5.00	4.65	
4.65	YES	NO						
L0000224	0	0.10454E-02	370577.5	3810066.3	483.1	5.00	4.65	
4.65	YES	NO						
L0000225	0	0.10454E-02	370567.5	3810066.3	483.1	5.00	4.65	
4.65	YES	NO						
L0000226	0	0.10454E-02	370557.5	3810066.3	483.2	5.00	4.65	
4.65	YES	NO						
L0000227	0	0.10454E-02	370547.5	3810066.3	483.3	5.00	4.65	
4.65	YES	NO						
L0000228	0	0.10454E-02	370537.5	3810066.3	483.4	5.00	4.65	
4.65	YES	NO						
L0000229	0	0.10454E-02	370527.5	3810066.3	483.4	5.00	4.65	
4.65	YES	NO						

 L0000230   0   0.10454E-02 370517.5 3810067.0   483.5   5.00   4.65
4.65   YES   NO
 L0000231   0   0.10454E-02 370507.6 3810068.2   483.6   5.00   4.65
4.65   YES   NO
 L0000232   0   0.10454E-02 370497.6 3810069.3   483.7   5.00   4.65
4.65   YES   NO
 L0000233   0   0.10454E-02 370487.7 3810070.5   483.8   5.00   4.65
4.65   YES   NO
 L0000234   0   0.10454E-02 370477.8 3810071.6   483.9   5.00   4.65
4.65   YES   NO
 L0000235   0   0.10454E-02 370467.8 3810072.8   484.0   5.00   4.65
4.65   YES   NO
 L0000236   0   0.10454E-02 370457.9 3810073.9   484.1   5.00   4.65
4.65   YES   NO
 L0000237   0   0.10454E-02 370448.0 3810075.1   484.2   5.00   4.65
4.65   YES   NO
 L0000238   0   0.10454E-02 370438.0 3810076.2   484.3   5.00   4.65
4.65   YES   NO
 L0000239   0   0.10454E-02 370428.1 3810077.4   484.4   5.00   4.65
4.65   YES   NO
 L0000240   0   0.10454E-02 370418.2 3810078.5   484.5   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

L0000245	0	0.10454E-02	370368.5	3810084.3	485.0	5.00	4.65	
4.65	YES	NO						
L0000246	0	0.10454E-02	370358.6	3810085.4	485.1	5.00	4.65	
4.65	YES	NO						
L0000247	0	0.10454E-02	370348.6	3810086.6	485.2	5.00	4.65	
4.65	YES	NO						
L0000248	0	0.10454E-02	370338.7	3810087.7	485.3	5.00	4.65	
4.65	YES	NO						
L0000249	0	0.10454E-02	370328.8	3810088.9	485.4	5.00	4.65	
4.65	YES	NO						
L0000250	0	0.10454E-02	370318.8	3810090.0	485.5	5.00	4.65	
4.65	YES	NO						
L0000251	0	0.10454E-02	370308.9	3810091.2	485.6	5.00	4.65	
4.65	YES	NO						
L0000252	0	0.10454E-02	370299.0	3810092.3	485.7	5.00	4.65	
4.65	YES	NO						
L0000253	0	0.10454E-02	370289.0	3810093.5	485.8	5.00	4.65	
4.65	YES	NO						
L0000254	0	0.10454E-02	370279.1	3810094.6	485.9	5.00	4.65	
4.65	YES	NO						
L0000255	0	0.10454E-02	370269.2	3810095.8	486.0	5.00	4.65	
4.65	YES	NO						
L0000256	0	0.10454E-02	370259.3	3810097.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000257	0	0.10454E-02	370249.7	3810100.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000258	0	0.10454E-02	370240.2	3810103.0	486.2	5.00	4.65	
4.65	YES	NO						
L0000259	0	0.10454E-02	370230.6	3810106.0	486.3	5.00	4.65	
4.65	YES	NO						
L0000260	0	0.10454E-02	370221.0	3810108.9	486.3	5.00	4.65	
4.65	YES	NO						
L0000261	0	0.10454E-02	370211.5	3810111.9	486.4	5.00	4.65	
4.65	YES	NO						
L0000262	0	0.10454E-02	370201.9	3810114.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000263	0	0.10454E-02	370192.4	3810117.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000264	0	0.10454E-02	370182.8	3810120.7	486.6	5.00	4.65	
4.65	YES	NO						
L0000265	0	0.10454E-02	370173.3	3810123.7	486.7	5.00	4.65	
4.65	YES	NO						
L0000266	0	0.10454E-02	370163.7	3810126.6	486.8	5.00	4.65	
4.65	YES	NO						
L0000267	0	0.10454E-02	370154.2	3810129.5	486.8	5.00	4.65	
4.65	YES	NO						
L0000268	0	0.10454E-02	370144.6	3810132.5	486.9	5.00	4.65	
4.65	YES	NO						
L0000269	0	0.10454E-02	370135.1	3810135.4	486.9	5.00	4.65	
4.65	YES	NO						

 L0000270   0   0.10454E-02 370125.5 3810138.4   487.0   5.00   4.65
4.65   YES   NO
 L0000271   0   0.10454E-02 370115.9 3810141.3   487.1   5.00   4.65
4.65   YES   NO
 L0000272   0   0.10454E-02 370106.1 3810143.3   486.7   5.00   4.65
4.65   YES   NO
 L0000273   0   0.10454E-02 370096.3 3810145.1   486.3   5.00   4.65
4.65   YES   NO
 L0000274   0   0.10454E-02 370086.5 3810147.0   485.8   5.00   4.65
4.65   YES   NO
 L0000275   0   0.10454E-02 370076.7 3810148.8   485.4   5.00   4.65
4.65   YES   NO
 L0000276   0   0.10454E-02 370066.8 3810150.7   484.9   5.00   4.65
4.65   YES   NO
 L0000277   0   0.10454E-02 370057.0 3810152.5   484.5   5.00   4.65
4.65   YES   NO
 L0000278   0   0.10454E-02 370047.2 3810154.3   484.1   5.00   4.65
4.65   YES   NO
 L0000279   0   0.10454E-02 370037.3 3810156.2   483.7   5.00   4.65
4.65   YES   NO
 L0000280   0   0.10454E-02 370027.6 3810157.2   483.2   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0000281   0   0.10454E-02 370018.4 3810153.3   482.8   5.00   4.65
4.65   YES   NO
 L0000282   0   0.10454E-02 370009.1 3810149.5   482.4   5.00   4.65
4.65   YES   NO
 L0000283   0   0.10454E-02 369999.9 3810145.7   482.1   5.00   4.65
4.65   YES   NO
 L0000284   0   0.10454E-02 369990.7 3810141.8   481.7   5.00   4.65
4.65   YES   NO

L0000285	0	0.10454E-02	369981.4	3810138.0	481.3	5.00	4.65	4.65
YES		NO						
L0000286	0	0.10454E-02	369972.2	3810134.2	480.9	5.00	4.65	4.65
YES		NO						
L0000287	0	0.10454E-02	369962.9	3810130.3	480.5	5.00	4.65	4.65
YES		NO						
L0000288	0	0.10454E-02	369953.7	3810126.5	480.1	5.00	4.65	4.65
YES		NO						
L0000289	0	0.10454E-02	369944.5	3810122.7	479.7	5.00	4.65	4.65
YES		NO						
L0000290	0	0.10454E-02	369935.2	3810118.8	479.4	5.00	4.65	4.65
YES		NO						
L0000291	0	0.10454E-02	369926.0	3810115.0	479.0	5.00	4.65	4.65
YES		NO						
L0000292	0	0.10454E-02	369916.8	3810111.2	478.6	5.00	4.65	4.65
YES		NO						
L0000293	0	0.10454E-02	369907.5	3810107.4	478.2	5.00	4.65	4.65
YES		NO						
L0000294	0	0.10454E-02	369898.3	3810103.5	477.8	5.00	4.65	4.65
YES		NO						
L0000295	0	0.10454E-02	369889.0	3810099.7	477.4	5.00	4.65	4.65
YES		NO						
L0000296	0	0.10454E-02	369879.8	3810095.9	477.0	5.00	4.65	4.65
YES		NO						
L0000297	0	0.10454E-02	369870.6	3810092.0	476.7	5.00	4.65	4.65
YES		NO						
L0000298	0	0.10454E-02	369861.3	3810088.2	476.3	5.00	4.65	4.65
YES		NO						
L0000299	0	0.10454E-02	369865.6	3810080.5	476.3	5.00	4.65	4.65
YES		NO						
L0000300	0	0.10454E-02	369872.7	3810076.5	476.4	5.00	4.65	4.65
YES		NO						
L0000301	0	0.10454E-02	369882.0	3810080.1	476.6	5.00	4.65	4.65
YES		NO						
L0000302	0	0.10454E-02	369891.4	3810083.7	476.8	5.00	4.65	4.65
YES		NO						
L0000303	0	0.10454E-02	369900.7	3810087.3	477.0	5.00	4.65	4.65
YES		NO						
L0000304	0	0.10454E-02	369910.1	3810090.8	477.2	5.00	4.65	4.65
YES		NO						
L0000305	0	0.10454E-02	369919.4	3810094.4	477.4	5.00	4.65	4.65
YES		NO						
L0000306	0	0.10454E-02	369928.7	3810098.0	477.6	5.00	4.65	4.65
YES		NO						
L0000307	0	0.10454E-02	369938.1	3810101.6	477.9	5.00	4.65	4.65
YES		NO						
L0000308	0	0.10454E-02	369947.4	3810105.1	478.1	5.00	4.65	4.65
YES		NO						
L0000309	0	0.10454E-02	369956.7	3810108.7	478.3	5.00	4.65	4.65
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000321	0	0.10454E-02	370069.9	3810131.4	483.4	5.00	4.65	4.65	YES	NO
L0000322	0	0.10454E-02	370079.6	3810128.9	484.4	5.00	4.65	4.65	YES	NO
L0000323	0	0.10454E-02	370089.3	3810126.4	485.4	5.00	4.65	4.65	YES	NO
L0000324	0	0.10454E-02	370098.9	3810123.8	486.4	5.00	4.65	4.65	YES	NO

L0000325	0	0.10454E-02	370108.6	3810121.3	487.4	5.00	4.65	
4.65	YES	NO						
L0000326	0	0.10454E-02	370118.3	3810118.8	488.4	5.00	4.65	
4.65	YES	NO						
L0000327	0	0.10454E-02	370128.0	3810116.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000328	0	0.10454E-02	370137.6	3810113.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000329	0	0.10454E-02	370147.3	3810111.2	491.4	5.00	4.65	
4.65	YES	NO						
L0000330	0	0.10454E-02	370157.0	3810108.6	492.5	5.00	4.65	
4.65	YES	NO						
L0000331	0	0.10454E-02	370166.6	3810106.1	493.5	5.00	4.65	
4.65	YES	NO						
L0000332	0	0.10454E-02	370176.3	3810103.5	494.5	5.00	4.65	
4.65	YES	NO						
L0000333	0	0.10454E-02	370186.0	3810101.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000334	0	0.10454E-02	370195.7	3810098.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000335	0	0.10454E-02	370205.3	3810095.9	497.5	5.00	4.65	
4.65	YES	NO						
L0000336	0	0.10454E-02	370215.0	3810093.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000337	0	0.10454E-02	370224.7	3810090.8	498.9	5.00	4.65	
4.65	YES	NO						
L0000338	0	0.10454E-02	370234.3	3810088.1	496.6	5.00	4.65	
4.65	YES	NO						
L0000339	0	0.10454E-02	370243.9	3810085.3	494.4	5.00	4.65	
4.65	YES	NO						
L0000340	0	0.10454E-02	370253.5	3810082.6	492.2	5.00	4.65	
4.65	YES	NO						
L0000341	0	0.10454E-02	370263.1	3810079.8	489.9	5.00	4.65	
4.65	YES	NO						
L0000342	0	0.10454E-02	370272.8	3810077.1	487.7	5.00	4.65	
4.65	YES	NO						
L0000343	0	0.10454E-02	370282.4	3810074.3	485.4	5.00	4.65	
4.65	YES	NO						
L0000344	0	0.10454E-02	370292.0	3810071.6	483.2	5.00	4.65	
4.65	YES	NO						
L0000345	0	0.10454E-02	370301.7	3810069.4	481.8	5.00	4.65	
4.65	YES	NO						
L0000346	0	0.10454E-02	370311.6	3810068.0	481.9	5.00	4.65	
4.65	YES	NO						
L0000347	0	0.10454E-02	370321.5	3810066.6	482.0	5.00	4.65	
4.65	YES	NO						
L0000348	0	0.10454E-02	370331.4	3810065.2	482.1	5.00	4.65	
4.65	YES	NO						
L0000349	0	0.10454E-02	370341.3	3810063.8	482.2	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000361	0	0.10454E-02	370460.5	3810050.6	483.2	5.00	4.65	4.65	YES	NO	
L0000362	0	0.10454E-02	370470.4	3810050.2	483.2	5.00	4.65	4.65	YES	NO	
L0000363	0	0.10454E-02	370480.4	3810049.8	483.3	5.00	4.65	4.65	YES	NO	
L0000364	0	0.10454E-02	370490.4	3810049.4	483.4	5.00	4.65	4.65	YES	NO	

L0000365	0	0.10454E-02	370500.4	3810049.0	483.5	5.00	4.65	
4.65	YES	NO						
L0000366	0	0.10454E-02	370510.4	3810048.7	483.6	5.00	4.65	
4.65	YES	NO						
L0000367	0	0.10454E-02	370520.4	3810048.3	483.7	5.00	4.65	
4.65	YES	NO						
L0000368	0	0.10454E-02	370530.4	3810047.9	483.8	5.00	4.65	
4.65	YES	NO						
L0000369	0	0.10454E-02	370540.4	3810047.5	483.9	5.00	4.65	
4.65	YES	NO						
L0000370	0	0.10454E-02	370550.4	3810047.1	484.0	5.00	4.65	
4.65	YES	NO						
L0000371	0	0.10454E-02	370560.4	3810046.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000372	0	0.10454E-02	370564.7	3810041.5	484.3	5.00	4.65	
4.65	YES	NO						
L0000373	0	0.10454E-02	370563.6	3810031.5	484.5	5.00	4.65	
4.65	YES	NO						
L0000374	0	0.10454E-02	370562.5	3810021.6	484.8	5.00	4.65	
4.65	YES	NO						
L0000375	0	0.10454E-02	370561.4	3810011.7	485.1	5.00	4.65	
4.65	YES	NO						
L0000376	0	0.10454E-02	370560.3	3810001.7	485.4	5.00	4.65	
4.65	YES	NO						
L0000377	0	0.10454E-02	370566.2	3809997.3	486.1	5.00	4.65	
4.65	YES	NO						
L0000378	0	0.10454E-02	370576.1	3809996.0	487.2	5.00	4.65	
4.65	YES	NO						
L0000379	0	0.10454E-02	370586.0	3809994.6	488.2	5.00	4.65	
4.65	YES	NO						
L0000380	0	0.10454E-02	370588.2	3810003.7	487.4	5.00	4.65	
4.65	YES	NO						
L0000381	0	0.10454E-02	370589.8	3810013.5	486.5	5.00	4.65	
4.65	YES	NO						
L0000382	0	0.10454E-02	370591.4	3810023.4	485.6	5.00	4.65	
4.65	YES	NO						
L0000383	0	0.10454E-02	370593.0	3810033.3	484.6	5.00	4.65	
4.65	YES	NO						
L0000384	0	0.10454E-02	370597.8	3810039.0	484.0	5.00	4.65	
4.65	YES	NO						
L0000385	0	0.10454E-02	370607.7	3810037.8	484.0	5.00	4.65	
4.65	YES	NO						
L0000386	0	0.10454E-02	370617.7	3810036.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000387	0	0.10454E-02	370626.1	3810034.4	484.4	5.00	4.65	
4.65	YES	NO						
L0000388	0	0.10454E-02	370624.7	3810024.5	486.7	5.00	4.65	
4.65	YES	NO						
L0000389	0	0.10454E-02	370623.4	3810014.6	489.0	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000401	0	0.10454E-02	370681.8	3809946.2	496.1	5.00	4.65	4.65	YES	NO
L0000402	0	0.10454E-02	370681.8	3809936.2	495.1	5.00	4.65	4.65	YES	NO
L0000403	0	0.10454E-02	370674.6	3809932.7	494.5	5.00	4.65	4.65	YES	NO
L0000404	0	0.10454E-02	370664.7	3809931.4	494.1	5.00	4.65	4.65	YES	NO

L0000405	0	0.10454E-02	370654.7	3809930.2	493.6	5.00	4.65	
4.65	YES	NO						
L0000406	0	0.10454E-02	370644.8	3809929.0	493.2	5.00	4.65	
4.65	YES	NO						
L0000407	0	0.10454E-02	370634.9	3809927.8	492.7	5.00	4.65	
4.65	YES	NO						
L0000408	0	0.10454E-02	370625.0	3809926.5	492.2	5.00	4.65	
4.65	YES	NO						
L0000409	0	0.10454E-02	370615.0	3809925.3	491.8	5.00	4.65	
4.65	YES	NO						
L0000410	0	0.10454E-02	370605.1	3809924.1	491.3	5.00	4.65	
4.65	YES	NO						
L0000411	0	0.10454E-02	370595.2	3809922.8	490.8	5.00	4.65	
4.65	YES	NO						
L0000412	0	0.10454E-02	370585.3	3809921.6	490.4	5.00	4.65	
4.65	YES	NO						
L0000413	0	0.10454E-02	370575.3	3809920.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000414	0	0.10454E-02	370565.4	3809919.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000415	0	0.10454E-02	370555.5	3809917.9	489.0	5.00	4.65	
4.65	YES	NO						
L0000416	0	0.10454E-02	370545.6	3809916.7	488.5	5.00	4.65	
4.65	YES	NO						
L0000417	0	0.10454E-02	370535.6	3809915.5	488.1	5.00	4.65	
4.65	YES	NO						
L0000418	0	0.10454E-02	370525.7	3809914.2	487.6	5.00	4.65	
4.65	YES	NO						
L0000419	0	0.10454E-02	370515.8	3809913.0	487.1	5.00	4.65	
4.65	YES	NO						
L0000420	0	0.10454E-02	370507.6	3809910.0	486.8	5.00	4.65	
4.65	YES	NO						
L0000421	0	0.10454E-02	370506.3	3809900.1	487.0	5.00	4.65	
4.65	YES	NO						
L0000422	0	0.10454E-02	370505.1	3809890.2	487.2	5.00	4.65	
4.65	YES	NO						
L0000423	0	0.10454E-02	370503.8	3809880.3	487.4	5.00	4.65	
4.65	YES	NO						
L0000424	0	0.10454E-02	370502.5	3809870.4	487.5	5.00	4.65	
4.65	YES	NO						
L0000425	0	0.10454E-02	370501.2	3809860.4	487.7	5.00	4.65	
4.65	YES	NO						
L0000426	0	0.10454E-02	370495.5	3809853.5	487.8	5.00	4.65	
4.65	YES	NO						
L0000427	0	0.10454E-02	370486.9	3809848.5	487.9	5.00	4.65	
4.65	YES	NO						
L0000428	0	0.10454E-02	370478.2	3809843.5	488.0	5.00	4.65	
4.65	YES	NO						
L0000429	0	0.10454E-02	370469.5	3809838.5	488.0	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000441	0	0.10454E-02	370440.0	3809742.8	490.9	5.00	4.65	4.65	YES	NO
L0000442	0	0.10454E-02	370441.5	3809732.9	491.2	5.00	4.65	4.65	YES	NO
L0000443	0	0.10454E-02	370443.0	3809723.0	491.5	5.00	4.65	4.65	YES	NO
L0000444	0	0.10454E-02	370444.5	3809713.2	491.9	5.00	4.65	4.65	YES	NO

L0000445	0	0.10454E-02	370446.0	3809703.3	492.2	5.00	4.65	
4.65	YES	NO						
L0000446	0	0.10454E-02	370447.5	3809693.4	492.6	5.00	4.65	
4.65	YES	NO						
L0000447	0	0.10454E-02	370449.0	3809683.5	492.9	5.00	4.65	
4.65	YES	NO						
L0000448	0	0.10454E-02	370450.5	3809673.6	493.2	5.00	4.65	
4.65	YES	NO						
L0000449	0	0.10454E-02	370452.0	3809663.7	493.6	5.00	4.65	
4.65	YES	NO						
L0000450	0	0.10454E-02	370453.5	3809653.8	493.9	5.00	4.65	
4.65	YES	NO						
L0000451	0	0.10454E-02	370455.0	3809644.0	494.3	5.00	4.65	
4.65	YES	NO						
L0000452	0	0.10454E-02	370456.6	3809634.1	494.6	5.00	4.65	
4.65	YES	NO						
L0000453	0	0.10454E-02	370459.9	3809625.4	494.9	5.00	4.65	
4.65	YES	NO						
L0000454	0	0.10454E-02	370468.2	3809619.8	495.1	5.00	4.65	
4.65	YES	NO						
L0000455	0	0.10454E-02	370476.5	3809614.3	495.2	5.00	4.65	
4.65	YES	NO						
L0000456	0	0.10454E-02	370484.9	3809608.7	495.4	5.00	4.65	
4.65	YES	NO						
L0000457	0	0.10454E-02	370493.2	3809603.2	495.6	5.00	4.65	
4.65	YES	NO						
L0000458	0	0.10454E-02	370501.5	3809597.6	495.7	5.00	4.65	
4.65	YES	NO						
L0000459	0	0.10454E-02	370509.8	3809592.1	495.9	5.00	4.65	
4.65	YES	NO						
L0000460	0	0.10454E-02	370518.2	3809586.5	496.1	5.00	4.65	
4.65	YES	NO						
L0000461	0	0.10454E-02	370526.5	3809581.0	496.2	5.00	4.65	
4.65	YES	NO						
L0000462	0	0.10454E-02	370534.8	3809575.4	496.4	5.00	4.65	
4.65	YES	NO						
L0000463	0	0.10454E-02	370543.1	3809569.9	496.6	5.00	4.65	
4.65	YES	NO						
L0000464	0	0.10454E-02	370551.4	3809564.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000465	0	0.10454E-02	370559.8	3809558.8	496.9	5.00	4.65	
4.65	YES	NO						
L0000466	0	0.10454E-02	370568.1	3809553.3	497.1	5.00	4.65	
4.65	YES	NO						
L0000467	0	0.10454E-02	370576.4	3809547.7	497.2	5.00	4.65	
4.65	YES	NO						
L0000468	0	0.10454E-02	370584.7	3809542.2	497.4	5.00	4.65	
4.65	YES	NO						
L0000469	0	0.10454E-02	370593.0	3809536.6	497.6	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000470	0	0.10454E-02	370601.4	3809531.1	497.7	5.00	4.65	4.65	YES	NO	
L0000471	0	0.10454E-02	370609.7	3809525.5	497.9	5.00	4.65	4.65	YES	NO	
L0000472	0	0.10454E-02	370618.0	3809520.0	498.1	5.00	4.65	4.65	YES	NO	
L0000473	0	0.10454E-02	370626.3	3809514.4	498.2	5.00	4.65	4.65	YES	NO	
L0000474	0	0.10454E-02	370634.6	3809508.9	498.4	5.00	4.65	4.65	YES	NO	
L0000475	0	0.10454E-02	370643.0	3809503.3	498.5	5.00	4.65	4.65	YES	NO	
L0000476	0	0.10454E-02	370651.3	3809497.8	498.7	5.00	4.65	4.65	YES	NO	
L0000477	0	0.10454E-02	370659.6	3809492.2	498.9	5.00	4.65	4.65	YES	NO	
L0000478	0	0.10454E-02	370667.9	3809486.7	499.0	5.00	4.65	4.65	YES	NO	
L0000479	0	0.10454E-02	370676.3	3809481.2	499.3	5.00	4.65	4.65	YES	NO	
L0000480	0	0.10454E-02	370684.6	3809475.7	499.5	5.00	4.65	4.65	YES	NO	
L0000481	0	0.10454E-02	370692.9	3809470.1	499.7	5.00	4.65	4.65	YES	NO	
L0000482	0	0.10454E-02	370701.3	3809464.6	499.9	5.00	4.65	4.65	YES	NO	
L0000483	0	0.10454E-02	370709.6	3809459.1	500.2	5.00	4.65	4.65	YES	NO	
L0000484	0	0.10454E-02	370718.0	3809453.6	500.4	5.00	4.65	4.65	YES	NO	

L0000485	0	0.10454E-02	370726.3	3809448.1	500.6	5.00	4.65	
4.65	YES	NO						
L0000486	0	0.10454E-02	370734.6	3809442.5	500.8	5.00	4.65	
4.65	YES	NO						
L0000487	0	0.10454E-02	370743.0	3809437.0	501.1	5.00	4.65	
4.65	YES	NO						
L0000488	0	0.10454E-02	370751.3	3809431.5	501.3	5.00	4.65	
4.65	YES	NO						
L0000489	0	0.10454E-02	370759.7	3809426.0	501.5	5.00	4.65	
4.65	YES	NO						
L0000490	0	0.10454E-02	370768.0	3809420.5	501.7	5.00	4.65	
4.65	YES	NO						
L0000491	0	0.10454E-02	370776.3	3809414.9	501.9	5.00	4.65	
4.65	YES	NO						
L0000492	0	0.10454E-02	370784.7	3809409.4	502.2	5.00	4.65	
4.65	YES	NO						
L0000493	0	0.10454E-02	370789.4	3809402.0	502.4	5.00	4.65	
4.65	YES	NO						
L0000494	0	0.10454E-02	370789.2	3809392.0	502.5	5.00	4.65	
4.65	YES	NO						
L0000495	0	0.10454E-02	370789.0	3809382.0	502.6	5.00	4.65	
4.65	YES	NO						
L0000496	0	0.10454E-02	370788.8	3809372.0	502.8	5.00	4.65	
4.65	YES	NO						
L0000497	0	0.10454E-02	370788.6	3809362.0	502.9	5.00	4.65	
4.65	YES	NO						
L0000498	0	0.10454E-02	370788.4	3809352.0	503.1	5.00	4.65	
4.65	YES	NO						
L0000499	0	0.10454E-02	370788.2	3809342.0	503.2	5.00	4.65	
4.65	YES	NO						
L0000500	0	0.10454E-02	370788.0	3809332.0	503.4	5.00	4.65	
4.65	YES	NO						
L0000501	0	0.10454E-02	370787.8	3809322.0	503.5	5.00	4.65	
4.65	YES	NO						
L0000502	0	0.10454E-02	370783.6	3809314.5	503.4	5.00	4.65	
4.65	YES	NO						
L0000503	0	0.10454E-02	370774.8	3809309.8	502.9	5.00	4.65	
4.65	YES	NO						
L0000504	0	0.10454E-02	370765.9	3809305.1	502.5	5.00	4.65	
4.65	YES	NO						
L0000505	0	0.10454E-02	370757.1	3809300.5	502.1	5.00	4.65	
4.65	YES	NO						
L0000506	0	0.10454E-02	370758.5	3809295.1	502.1	5.00	4.65	
4.65	YES	NO						
L0000507	0	0.10454E-02	370766.8	3809289.7	502.3	5.00	4.65	
4.65	YES	NO						
L0000508	0	0.10454E-02	370776.8	3809290.2	502.6	5.00	4.65	
4.65	YES	NO						
L0000509	0	0.10454E-02	370786.7	3809290.7	502.8	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000521	0	0.10454E-02	370894.2	3809324.6	504.1	5.00	4.65	4.65	YES	NO	
L0000522	0	0.10454E-02	370899.4	3809333.2	503.6	5.00	4.65	4.65	YES	NO	
L0000523	0	0.10454E-02	370904.6	3809341.7	503.1	5.00	4.65	4.65	YES	NO	
L0000524	0	0.10454E-02	370909.8	3809350.2	502.8	5.00	4.65	4.65	YES	NO	

L0000525	0	0.10454E-02	370915.2	3809358.7	502.6	5.00	4.65	
4.65	YES	NO						
L0000526	0	0.10454E-02	370920.7	3809366.8	502.4	5.00	4.65	
4.65	YES	NO						
L0000527	0	0.10454E-02	370930.7	3809367.3	502.1	5.00	4.65	
4.65	YES	NO						
L0000528	0	0.10454E-02	370940.7	3809367.9	501.8	5.00	4.65	
4.65	YES	NO						
L0000529	0	0.10454E-02	370950.7	3809368.4	501.6	5.00	4.65	
4.65	YES	NO						
L0000530	0	0.10454E-02	370955.0	3809374.8	501.4	5.00	4.65	
4.65	YES	NO						
L0000531	0	0.10454E-02	370955.8	3809384.8	501.2	5.00	4.65	
4.65	YES	NO						
L0000532	0	0.10454E-02	370956.6	3809394.7	501.1	5.00	4.65	
4.65	YES	NO						
L0000533	0	0.10454E-02	370957.4	3809404.7	500.9	5.00	4.65	
4.65	YES	NO						
L0000534	0	0.10454E-02	370959.3	3809413.4	500.8	5.00	4.65	
4.65	YES	NO						
L0000535	0	0.10454E-02	370969.3	3809413.4	500.7	5.00	4.65	
4.65	YES	NO						
L0000536	0	0.10454E-02	370979.3	3809413.4	500.7	5.00	4.65	
4.65	YES	NO						
L0000537	0	0.10454E-02	370989.3	3809413.4	500.6	5.00	4.65	
4.65	YES	NO						
L0000538	0	0.10454E-02	370999.3	3809413.4	500.6	5.00	4.65	
4.65	YES	NO						
L0000539	0	0.10454E-02	371009.3	3809413.4	500.5	5.00	4.65	
4.65	YES	NO						
L0000540	0	0.10454E-02	371019.3	3809413.4	500.5	5.00	4.65	
4.65	YES	NO						
L0000541	0	0.10454E-02	371029.3	3809413.4	500.4	5.00	4.65	
4.65	YES	NO						
L0000542	0	0.10454E-02	371039.3	3809413.4	500.4	5.00	4.65	
4.65	YES	NO						
L0000543	0	0.10454E-02	371049.3	3809413.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000544	0	0.10454E-02	371059.3	3809413.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000545	0	0.10454E-02	371069.3	3809413.4	500.2	5.00	4.65	
4.65	YES	NO						
L0000546	0	0.10454E-02	371079.3	3809413.4	500.2	5.00	4.65	
4.65	YES	NO						
L0000547	0	0.10454E-02	371089.3	3809413.4	500.1	5.00	4.65	
4.65	YES	NO						
L0000548	0	0.10454E-02	371099.3	3809413.4	500.1	5.00	4.65	
4.65	YES	NO						
L0000549	0	0.10454E-02	371109.3	3809413.4	500.0	5.00	4.65	
4.65	YES	NO						

 L0000550   0   0.10454E-02 371119.3 3809413.4   500.0   5.00   4.65
4.65   YES   NO
 L0000551   0   0.10454E-02 371129.3 3809413.4   499.9   5.00   4.65
4.65   YES   NO
 L0000552   0   0.10454E-02 371130.4 3809422.5   499.8   5.00   4.65
4.65   YES   NO
 L0000553   0   0.10454E-02 371130.5 3809432.5   499.8   5.00   4.65
4.65   YES   NO
 L0000554   0   0.10454E-02 371130.7 3809442.5   499.7   5.00   4.65
4.65   YES   NO
 L0000555   0   0.10454E-02 371130.8 3809452.5   499.6   5.00   4.65
4.65   YES   NO
 L0000556   0   0.10454E-02 371131.0 3809462.5   499.5   5.00   4.65
4.65   YES   NO
 L0000557   0   0.10454E-02 371131.1 3809472.5   499.4   5.00   4.65
4.65   YES   NO
 L0000558   0   0.10454E-02 371131.3 3809482.5   499.3   5.00   4.65
4.65   YES   NO
 L0000559   0   0.10454E-02 371131.5 3809492.5   499.2   5.00   4.65
4.65   YES   NO
 L0000560   0   0.10454E-02 371131.6 3809502.5   499.1   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

L0000565	0	0.10454E-02	371132.4	3809552.5	498.6	5.00	4.65	
4.65	YES	NO						
L0000566	0	0.10454E-02	371132.5	3809562.5	498.5	5.00	4.65	
4.65	YES	NO						
L0000567	0	0.10454E-02	371132.7	3809572.5	498.4	5.00	4.65	
4.65	YES	NO						
L0000568	0	0.10454E-02	371132.9	3809582.5	498.3	5.00	4.65	
4.65	YES	NO						
L0000569	0	0.10454E-02	371133.0	3809592.5	498.2	5.00	4.65	
4.65	YES	NO						
L0000570	0	0.10454E-02	371133.2	3809602.5	498.1	5.00	4.65	
4.65	YES	NO						
L0000571	0	0.10454E-02	371133.3	3809612.5	498.0	5.00	4.65	
4.65	YES	NO						
L0000572	0	0.10454E-02	371133.5	3809622.5	497.9	5.00	4.65	
4.65	YES	NO						
L0000573	0	0.10454E-02	371133.6	3809632.5	497.8	5.00	4.65	
4.65	YES	NO						
L0000574	0	0.10454E-02	371133.8	3809642.5	497.7	5.00	4.65	
4.65	YES	NO						
L0000575	0	0.10454E-02	371134.0	3809652.5	497.6	5.00	4.65	
4.65	YES	NO						
L0000576	0	0.10454E-02	371134.1	3809662.5	497.5	5.00	4.65	
4.65	YES	NO						
L0000577	0	0.10454E-02	371134.3	3809672.5	497.4	5.00	4.65	
4.65	YES	NO						
L0000578	0	0.10454E-02	371134.4	3809682.5	497.3	5.00	4.65	
4.65	YES	NO						
L0000579	0	0.10454E-02	371134.6	3809692.5	497.2	5.00	4.65	
4.65	YES	NO						
L0000580	0	0.10454E-02	371134.7	3809702.5	497.1	5.00	4.65	
4.65	YES	NO						
L0000581	0	0.10454E-02	371134.9	3809712.5	497.0	5.00	4.65	
4.65	YES	NO						
L0000582	0	0.10454E-02	371135.0	3809722.5	496.9	5.00	4.65	
4.65	YES	NO						
L0000583	0	0.10454E-02	371135.2	3809732.5	496.9	5.00	4.65	
4.65	YES	NO						
L0000584	0	0.10454E-02	371135.4	3809742.5	496.8	5.00	4.65	
4.65	YES	NO						
L0000585	0	0.10454E-02	371135.5	3809752.5	496.7	5.00	4.65	
4.65	YES	NO						
L0000586	0	0.10454E-02	371135.7	3809762.5	496.6	5.00	4.65	
4.65	YES	NO						
L0000587	0	0.10454E-02	371135.8	3809772.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000588	0	0.10454E-02	371136.0	3809782.5	496.4	5.00	4.65	
4.65	YES	NO						
L0000589	0	0.10454E-02	371136.1	3809792.5	496.3	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000601	0	0.10454E-02	371138.0	3809912.4	495.1	5.00	4.65	4.65	YES	NO	
L0000602	0	0.10454E-02	371138.2	3809922.4	495.0	5.00	4.65	4.65	YES	NO	
L0000603	0	0.10454E-02	371138.3	3809932.4	494.9	5.00	4.65	4.65	YES	NO	
L0000604	0	0.10454E-02	371138.5	3809942.4	494.8	5.00	4.65	4.65	YES	NO	

L0000605	0	0.10454E-02	371138.6	3809952.4	494.7	5.00	4.65	
4.65	YES	NO						
L0000606	0	0.10454E-02	371138.8	3809962.4	494.6	5.00	4.65	
4.65	YES	NO						
L0000607	0	0.10454E-02	371138.9	3809972.4	494.5	5.00	4.65	
4.65	YES	NO						
L0000608	0	0.10454E-02	371139.1	3809982.4	494.4	5.00	4.65	
4.65	YES	NO						
L0000609	0	0.10454E-02	371136.0	3809988.6	494.4	5.00	4.65	
4.65	YES	NO						
L0000610	0	0.10454E-02	371126.1	3809986.9	494.5	5.00	4.65	
4.65	YES	NO						
L0000611	0	0.10454E-02	371116.3	3809985.1	494.6	5.00	4.65	
4.65	YES	NO						
L0000612	0	0.10454E-02	371106.4	3809983.4	494.8	5.00	4.65	
4.65	YES	NO						
L0000613	0	0.10454E-02	371096.6	3809981.7	494.9	5.00	4.65	
4.65	YES	NO						
L0000614	0	0.10454E-02	371086.7	3809980.0	495.0	5.00	4.65	
4.65	YES	NO						
L0000615	0	0.10454E-02	371076.9	3809978.2	495.1	5.00	4.65	
4.65	YES	NO						
L0000616	0	0.10454E-02	371067.0	3809976.5	495.2	5.00	4.65	
4.65	YES	NO						
L0000617	0	0.10454E-02	371057.2	3809974.8	495.3	5.00	4.65	
4.65	YES	NO						
L0000618	0	0.10454E-02	371047.3	3809973.1	495.4	5.00	4.65	
4.65	YES	NO						
L0000619	0	0.10454E-02	371037.5	3809971.3	495.6	5.00	4.65	
4.65	YES	NO						
L0000620	0	0.10454E-02	371027.6	3809969.6	495.7	5.00	4.65	
4.65	YES	NO						
L0000621	0	0.10454E-02	371017.8	3809967.9	495.8	5.00	4.65	
4.65	YES	NO						
L0000622	0	0.10454E-02	371007.9	3809966.2	495.9	5.00	4.65	
4.65	YES	NO						
L0000623	0	0.10454E-02	370998.1	3809964.4	496.0	5.00	4.65	
4.65	YES	NO						
L0000624	0	0.10454E-02	370988.2	3809962.7	496.1	5.00	4.65	
4.65	YES	NO						
L0000625	0	0.10454E-02	370978.4	3809961.0	496.3	5.00	4.65	
4.65	YES	NO						
L0000626	0	0.10454E-02	370968.5	3809959.3	496.4	5.00	4.65	
4.65	YES	NO						
L0000627	0	0.10454E-02	370958.7	3809957.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000628	0	0.10454E-02	370948.8	3809955.8	496.6	5.00	4.65	
4.65	YES	NO						
L0000629	0	0.10454E-02	370939.0	3809954.1	496.7	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000630	0	0.10454E-02	370929.1	3809952.4	496.8	5.00	4.65	4.65	YES	NO	
L0000631	0	0.10454E-02	370919.3	3809950.6	496.9	5.00	4.65	4.65	YES	NO	
L0000632	0	0.10454E-02	370909.4	3809948.9	497.1	5.00	4.65	4.65	YES	NO	
L0000633	0	0.10454E-02	370899.6	3809947.2	497.2	5.00	4.65	4.65	YES	NO	
L0000634	0	0.10454E-02	370889.7	3809945.5	497.3	5.00	4.65	4.65	YES	NO	
L0000635	0	0.10454E-02	370879.9	3809943.7	497.4	5.00	4.65	4.65	YES	NO	
L0000636	0	0.10454E-02	370870.0	3809942.0	497.5	5.00	4.65	4.65	YES	NO	
L0000637	0	0.10454E-02	370860.2	3809940.3	497.7	5.00	4.65	4.65	YES	NO	
L0000638	0	0.10454E-02	370850.3	3809938.6	497.8	5.00	4.65	4.65	YES	NO	
L0000639	0	0.10454E-02	370840.5	3809936.8	497.9	5.00	4.65	4.65	YES	NO	
L0000640	0	0.10454E-02	370830.6	3809935.1	498.0	5.00	4.65	4.65	YES	NO	
L0000641	0	0.10454E-02	370820.8	3809933.4	498.1	5.00	4.65	4.65	YES	NO	
L0000642	0	0.10454E-02	370810.9	3809931.7	498.2	5.00	4.65	4.65	YES	NO	
L0000643	0	0.10454E-02	370801.1	3809929.9	498.3	5.00	4.65	4.65	YES	NO	
L0000644	0	0.10454E-02	370791.2	3809928.2	498.5	5.00	4.65	4.65	YES	NO	

L0000645	0	0.10454E-02	370781.4	3809926.5	498.6	5.00	4.65	
4.65	YES	NO						
L0000646	0	0.10454E-02	370771.5	3809924.8	498.7	5.00	4.65	
4.65	YES	NO						
L0000647	0	0.10454E-02	370761.7	3809923.0	498.8	5.00	4.65	
4.65	YES	NO						
L0000648	0	0.10454E-02	370751.8	3809921.3	498.9	5.00	4.65	
4.65	YES	NO						
L0000649	0	0.10454E-02	370741.9	3809919.9	498.5	5.00	4.65	
4.65	YES	NO						
L0000650	0	0.10454E-02	370732.0	3809918.6	498.0	5.00	4.65	
4.65	YES	NO						
L0000651	0	0.10454E-02	370722.1	3809917.3	497.5	5.00	4.65	
4.65	YES	NO						
L0000652	0	0.10454E-02	370712.2	3809915.9	496.9	5.00	4.65	
4.65	YES	NO						
L0000653	0	0.10454E-02	370702.3	3809914.6	496.4	5.00	4.65	
4.65	YES	NO						
L0000654	0	0.10454E-02	370692.4	3809913.3	495.9	5.00	4.65	
4.65	YES	NO						
L0000655	0	0.10454E-02	370682.4	3809911.9	495.4	5.00	4.65	
4.65	YES	NO						
L0000656	0	0.10454E-02	370672.5	3809910.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000657	0	0.10454E-02	370662.6	3809909.3	494.3	5.00	4.65	
4.65	YES	NO						
L0000658	0	0.10454E-02	370652.7	3809907.9	493.8	5.00	4.65	
4.65	YES	NO						
L0000659	0	0.10454E-02	370642.8	3809906.6	493.3	5.00	4.65	
4.65	YES	NO						
L0000660	0	0.10454E-02	370632.9	3809905.3	492.8	5.00	4.65	
4.65	YES	NO						
L0000661	0	0.10454E-02	370623.0	3809903.9	492.3	5.00	4.65	
4.65	YES	NO						
L0000662	0	0.10454E-02	370613.1	3809902.6	491.7	5.00	4.65	
4.65	YES	NO						
L0000663	0	0.10454E-02	370603.2	3809901.3	491.2	5.00	4.65	
4.65	YES	NO						
L0000664	0	0.10454E-02	370593.3	3809899.9	490.7	5.00	4.65	
4.65	YES	NO						
L0000665	0	0.10454E-02	370583.3	3809898.6	490.2	5.00	4.65	
4.65	YES	NO						
L0000666	0	0.10454E-02	370573.4	3809897.3	489.7	5.00	4.65	
4.65	YES	NO						
L0000667	0	0.10454E-02	370563.5	3809895.9	489.1	5.00	4.65	
4.65	YES	NO						
L0000668	0	0.10454E-02	370553.6	3809894.6	488.6	5.00	4.65	
4.65	YES	NO						
L0000669	0	0.10454E-02	370543.7	3809893.3	488.1	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000670	0	0.10454E-02	370536.5	3809889.5	487.8	5.00	4.65	4.65	YES	NO	
L0000671	0	0.10454E-02	370536.1	3809879.5	488.1	5.00	4.65	4.65	YES	NO	
L0000672	0	0.10454E-02	370535.7	3809869.5	488.4	5.00	4.65	4.65	YES	NO	
L0000673	0	0.10454E-02	370535.3	3809859.5	488.7	5.00	4.65	4.65	YES	NO	
L0000674	0	0.10454E-02	370534.9	3809849.5	489.0	5.00	4.65	4.65	YES	NO	
L0000675	0	0.10454E-02	370528.2	3809843.0	489.1	5.00	4.65	4.65	YES	NO	
L0000676	0	0.10454E-02	370520.0	3809837.4	489.2	5.00	4.65	4.65	YES	NO	
L0000677	0	0.10454E-02	370511.7	3809831.7	489.2	5.00	4.65	4.65	YES	NO	
L0000678	0	0.10454E-02	370503.5	3809826.1	489.3	5.00	4.65	4.65	YES	NO	
L0000679	0	0.10454E-02	370495.2	3809820.4	489.3	5.00	4.65	4.65	YES	NO	
L0000680	0	0.10454E-02	370486.9	3809814.8	489.4	5.00	4.65	4.65	YES	NO	
L0000681	0	0.10454E-02	370478.7	3809809.2	489.4	5.00	4.65	4.65	YES	NO	
L0000682	0	0.10454E-02	370470.4	3809803.5	489.4	5.00	4.65	4.65	YES	NO	
L0000683	0	0.10454E-02	370462.2	3809797.9	489.5	5.00	4.65	4.65	YES	NO	
L0000684	0	0.10454E-02	370462.3	3809788.4	489.7	5.00	4.65	4.65	YES	NO	

L0000685	0	0.10454E-02	370463.6	3809778.5	490.0	5.00	4.65	
4.65	YES	NO						
L0000686	0	0.10454E-02	370464.8	3809768.6	490.2	5.00	4.65	
4.65	YES	NO						
L0000687	0	0.10454E-02	370466.1	3809758.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000688	0	0.10454E-02	370467.3	3809748.7	490.7	5.00	4.65	
4.65	YES	NO						
L0000689	0	0.10454E-02	370468.5	3809738.8	490.9	5.00	4.65	
4.65	YES	NO						
L0000690	0	0.10454E-02	370469.8	3809728.9	491.2	5.00	4.65	
4.65	YES	NO						
L0000691	0	0.10454E-02	370471.0	3809719.0	491.4	5.00	4.65	
4.65	YES	NO						
L0000692	0	0.10454E-02	370472.3	3809709.1	491.7	5.00	4.65	
4.65	YES	NO						
L0000693	0	0.10454E-02	370473.5	3809699.1	491.9	5.00	4.65	
4.65	YES	NO						
L0000694	0	0.10454E-02	370474.7	3809689.2	492.2	5.00	4.65	
4.65	YES	NO						
L0000695	0	0.10454E-02	370476.0	3809679.3	492.4	5.00	4.65	
4.65	YES	NO						
L0000696	0	0.10454E-02	370477.2	3809669.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000697	0	0.10454E-02	370478.5	3809659.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000698	0	0.10454E-02	370482.7	3809651.4	493.1	5.00	4.65	
4.65	YES	NO						
L0000699	0	0.10454E-02	370491.0	3809645.8	493.3	5.00	4.65	
4.65	YES	NO						
L0000700	0	0.10454E-02	370499.3	3809640.2	493.6	5.00	4.65	
4.65	YES	NO						
L0000701	0	0.10454E-02	370507.6	3809634.6	493.8	5.00	4.65	
4.65	YES	NO						
L0000702	0	0.10454E-02	370515.9	3809629.0	494.0	5.00	4.65	
4.65	YES	NO						
L0000703	0	0.10454E-02	370524.2	3809623.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000704	0	0.10454E-02	370532.5	3809617.8	494.4	5.00	4.65	
4.65	YES	NO						
L0000705	0	0.10454E-02	370540.7	3809612.2	494.7	5.00	4.65	
4.65	YES	NO						
L0000706	0	0.10454E-02	370549.0	3809606.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000707	0	0.10454E-02	370557.3	3809601.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000708	0	0.10454E-02	370565.6	3809595.4	495.3	5.00	4.65	
4.65	YES	NO						
L0000709	0	0.10454E-02	370573.9	3809589.8	495.5	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000721	0	0.10454E-02	370673.3	3809522.6	498.2	5.00	4.65	4.65	YES	NO
L0000722	0	0.10454E-02	370681.6	3809517.1	498.4	5.00	4.65	4.65	YES	NO
L0000723	0	0.10454E-02	370689.9	3809511.5	498.6	5.00	4.65	4.65	YES	NO
L0000724	0	0.10454E-02	370698.2	3809505.9	498.8	5.00	4.65	4.65	YES	NO

L0000725	0	0.10454E-02	370706.5	3809500.3	499.1	5.00	4.65	
4.65	YES	NO						
L0000726	0	0.10454E-02	370714.8	3809494.7	499.3	5.00	4.65	
4.65	YES	NO						
L0000727	0	0.10454E-02	370723.1	3809489.1	499.5	5.00	4.65	
4.65	YES	NO						
L0000728	0	0.10454E-02	370731.3	3809483.5	499.7	5.00	4.65	
4.65	YES	NO						
L0000729	0	0.10454E-02	370739.6	3809477.9	499.9	5.00	4.65	
4.65	YES	NO						
L0000730	0	0.10454E-02	370747.9	3809472.3	500.2	5.00	4.65	
4.65	YES	NO						
L0000731	0	0.10454E-02	370756.2	3809466.7	500.4	5.00	4.65	
4.65	YES	NO						
L0000732	0	0.10454E-02	370764.9	3809461.8	500.7	5.00	4.65	
4.65	YES	NO						
L0000733	0	0.10454E-02	370773.6	3809456.8	501.0	5.00	4.65	
4.65	YES	NO						
L0000734	0	0.10454E-02	370782.3	3809451.9	501.4	5.00	4.65	
4.65	YES	NO						
L0000735	0	0.10454E-02	370791.0	3809446.9	501.7	5.00	4.65	
4.65	YES	NO						
L0000736	0	0.10454E-02	370799.7	3809441.9	502.0	5.00	4.65	
4.65	YES	NO						
L0000737	0	0.10454E-02	370805.7	3809435.4	502.3	5.00	4.65	
4.65	YES	NO						
L0000738	0	0.10454E-02	370805.9	3809425.4	502.5	5.00	4.65	
4.65	YES	NO						
L0000739	0	0.10454E-02	370806.0	3809415.4	502.7	5.00	4.65	
4.65	YES	NO						
L0000740	0	0.10454E-02	370806.2	3809405.4	502.9	5.00	4.65	
4.65	YES	NO						
L0000741	0	0.10454E-02	370806.4	3809395.4	503.1	5.00	4.65	
4.65	YES	NO						
L0000742	0	0.10454E-02	370806.6	3809385.4	503.3	5.00	4.65	
4.65	YES	NO						
L0000743	0	0.10454E-02	370806.8	3809375.4	503.5	5.00	4.65	
4.65	YES	NO						
L0000744	0	0.10454E-02	370807.0	3809365.4	503.7	5.00	4.65	
4.65	YES	NO						
L0000745	0	0.10454E-02	370807.2	3809355.4	503.9	5.00	4.65	
4.65	YES	NO						
L0000746	0	0.10454E-02	370807.4	3809345.4	504.1	5.00	4.65	
4.65	YES	NO						
L0000747	0	0.10454E-02	370811.1	3809336.1	504.2	5.00	4.65	
4.65	YES	NO						
L0000748	0	0.10454E-02	370814.8	3809326.8	504.3	5.00	4.65	
4.65	YES	NO						
L0000749	0	0.10454E-02	370819.0	3809318.5	504.4	5.00	4.65	
4.65	YES	NO						

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 L0000750         0   0.10454E-02  370828.9 3809320.0   504.5     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.10454E-02  370838.8 3809321.5   504.6     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.10454E-02  370848.7 3809323.0   504.7     5.00     4.65
4.65     YES                    NO
 L0000753         0   0.10454E-02  370856.3 3809327.8   504.7     5.00     4.65
4.65     YES                    NO
 L0000754         0   0.10454E-02  370861.3 3809336.4   504.5     5.00     4.65
4.65     YES                    NO
 L0000755         0   0.10454E-02  370866.3 3809345.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000756         0   0.10454E-02  370871.3 3809353.8   504.0     5.00     4.65
4.65     YES                    NO
 L0000757         0   0.10454E-02  370876.3 3809362.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000758         0   0.10454E-02  370881.3 3809371.1   503.6     5.00     4.65
4.65     YES                    NO
 L0000759         0   0.10454E-02  370886.2 3809379.8   503.4     5.00     4.65
4.65     YES                    NO
 L0000760         0   0.10454E-02  370891.2 3809388.5   503.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   ***
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000761         0   0.10454E-02  370896.3 3809397.1   502.9     5.00     4.65
4.65     YES                    NO
 L0000762         0   0.10454E-02  370901.9 3809405.4   502.6     5.00     4.65
4.65     YES                    NO
 L0000763         0   0.10454E-02  370907.4 3809413.7   502.2     5.00     4.65
4.65     YES                    NO
 L0000764         0   0.10454E-02  370913.0 3809422.0   501.9     5.00     4.65
4.65     YES                    NO
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L0000765	0	0.10454E-02	370918.5	3809430.3	501.5	5.00	4.65	
4.65	YES	NO						
L0000766	0	0.10454E-02	370924.0	3809438.7	501.2	5.00	4.65	
4.65	YES	NO						
L0000767	0	0.10454E-02	370931.2	3809444.1	500.9	5.00	4.65	
4.65	YES	NO						
L0000768	0	0.10454E-02	370941.2	3809444.5	500.7	5.00	4.65	
4.65	YES	NO						
L0000769	0	0.10454E-02	370951.2	3809445.0	500.5	5.00	4.65	
4.65	YES	NO						
L0000770	0	0.10454E-02	370961.2	3809445.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000771	0	0.10454E-02	370971.2	3809445.8	500.1	5.00	4.65	
4.65	YES	NO						
L0000772	0	0.10454E-02	370981.2	3809446.3	499.9	5.00	4.65	
4.65	YES	NO						
L0000773	0	0.10454E-02	370991.2	3809446.7	499.7	5.00	4.65	
4.65	YES	NO						
L0000774	0	0.10454E-02	371001.2	3809447.2	499.4	5.00	4.65	
4.65	YES	NO						
L0000775	0	0.10454E-02	371011.2	3809447.6	499.2	5.00	4.65	
4.65	YES	NO						
L0000776	0	0.10454E-02	371021.1	3809448.0	499.0	5.00	4.65	
4.65	YES	NO						
L0000777	0	0.10454E-02	371031.1	3809448.5	498.8	5.00	4.65	
4.65	YES	NO						
L0000778	0	0.10454E-02	371041.1	3809448.9	498.6	5.00	4.65	
4.65	YES	NO						
L0000779	0	0.10454E-02	371051.1	3809449.4	498.4	5.00	4.65	
4.65	YES	NO						
L0000780	0	0.10454E-02	371061.1	3809449.8	498.2	5.00	4.65	
4.65	YES	NO						
L0000781	0	0.10454E-02	371071.1	3809450.2	498.0	5.00	4.65	
4.65	YES	NO						
L0000782	0	0.10454E-02	371081.1	3809450.7	497.8	5.00	4.65	
4.65	YES	NO						
L0000783	0	0.10454E-02	371090.8	3809451.4	497.6	5.00	4.65	
4.65	YES	NO						
L0000784	0	0.10454E-02	371090.9	3809461.4	497.5	5.00	4.65	
4.65	YES	NO						
L0000785	0	0.10454E-02	371091.1	3809471.4	497.3	5.00	4.65	
4.65	YES	NO						
L0000786	0	0.10454E-02	371091.2	3809481.4	497.2	5.00	4.65	
4.65	YES	NO						
L0000787	0	0.10454E-02	371091.3	3809491.4	497.1	5.00	4.65	
4.65	YES	NO						
L0000788	0	0.10454E-02	371091.5	3809501.4	497.0	5.00	4.65	
4.65	YES	NO						
L0000789	0	0.10454E-02	371091.6	3809511.4	496.8	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000801	0	0.10454E-02	371093.3	3809631.4	495.3	5.00	4.65	4.65	YES	NO	
L0000802	0	0.10454E-02	371093.5	3809641.4	495.2	5.00	4.65	4.65	YES	NO	
L0000803	0	0.10454E-02	371093.6	3809651.4	495.1	5.00	4.65	4.65	YES	NO	
L0000804	0	0.10454E-02	371093.7	3809661.4	494.9	5.00	4.65	4.65	YES	NO	

L0000805	0	0.10454E-02	371093.9	3809671.4	494.8	5.00	4.65	
4.65	YES	NO						
L0000806	0	0.10454E-02	371094.0	3809681.4	494.7	5.00	4.65	
4.65	YES	NO						
L0000807	0	0.10454E-02	371094.2	3809691.4	494.6	5.00	4.65	
4.65	YES	NO						
L0000808	0	0.10454E-02	371094.3	3809701.4	494.4	5.00	4.65	
4.65	YES	NO						
L0000809	0	0.10454E-02	371094.4	3809711.4	494.3	5.00	4.65	
4.65	YES	NO						
L0000810	0	0.10454E-02	371094.6	3809721.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000811	0	0.10454E-02	371094.7	3809731.4	494.1	5.00	4.65	
4.65	YES	NO						
L0000812	0	0.10454E-02	371094.9	3809741.4	493.9	5.00	4.65	
4.65	YES	NO						
L0000813	0	0.10454E-02	371095.0	3809751.4	493.8	5.00	4.65	
4.65	YES	NO						
L0000814	0	0.10454E-02	371095.2	3809761.4	493.7	5.00	4.65	
4.65	YES	NO						
L0000815	0	0.10454E-02	371095.3	3809771.4	493.5	5.00	4.65	
4.65	YES	NO						
L0000816	0	0.10454E-02	371095.4	3809781.4	493.4	5.00	4.65	
4.65	YES	NO						
L0000817	0	0.10454E-02	371095.6	3809791.4	493.3	5.00	4.65	
4.65	YES	NO						
L0000818	0	0.10454E-02	371095.7	3809801.4	493.2	5.00	4.65	
4.65	YES	NO						
L0000819	0	0.10454E-02	371095.9	3809811.4	493.0	5.00	4.65	
4.65	YES	NO						
L0000820	0	0.10454E-02	371096.0	3809821.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000821	0	0.10454E-02	371096.1	3809831.4	492.8	5.00	4.65	
4.65	YES	NO						
L0000822	0	0.10454E-02	371096.3	3809841.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000823	0	0.10454E-02	371096.4	3809851.4	492.5	5.00	4.65	
4.65	YES	NO						
L0000824	0	0.10454E-02	371096.6	3809861.4	492.4	5.00	4.65	
4.65	YES	NO						
L0000825	0	0.10454E-02	371096.7	3809871.4	492.3	5.00	4.65	
4.65	YES	NO						
L0000826	0	0.10454E-02	371096.9	3809881.4	492.2	5.00	4.65	
4.65	YES	NO						
L0000827	0	0.10454E-02	371097.0	3809891.4	492.0	5.00	4.65	
4.65	YES	NO						
L0000828	0	0.10454E-02	371097.1	3809901.4	491.9	5.00	4.65	
4.65	YES	NO						
L0000829	0	0.10454E-02	371097.3	3809911.4	491.8	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000830	0	0.10454E-02	371097.4	3809921.4	491.6	5.00	4.65	4.65	YES	NO	
L0000831	0	0.10454E-02	371097.6	3809931.4	491.5	5.00	4.65	4.65	YES	NO	
L0000832	0	0.10454E-02	371097.7	3809941.4	491.4	5.00	4.65	4.65	YES	NO	
L0000833	0	0.10454E-02	371097.8	3809951.4	491.3	5.00	4.65	4.65	YES	NO	
L0000834	0	0.10454E-02	371095.3	3809958.2	491.2	5.00	4.65	4.65	YES	NO	
L0000835	0	0.10454E-02	371085.4	3809956.5	491.1	5.00	4.65	4.65	YES	NO	
L0000836	0	0.10454E-02	371075.6	3809954.8	491.1	5.00	4.65	4.65	YES	NO	
L0000837	0	0.10454E-02	371065.7	3809953.1	491.0	5.00	4.65	4.65	YES	NO	
L0000838	0	0.10454E-02	371055.9	3809951.4	491.0	5.00	4.65	4.65	YES	NO	
L0000839	0	0.10454E-02	371046.0	3809949.7	490.9	5.00	4.65	4.65	YES	NO	
L0000840	0	0.10454E-02	371036.2	3809947.9	490.9	5.00	4.65	4.65	YES	NO	
L0000841	0	0.10454E-02	371026.3	3809946.2	490.8	5.00	4.65	4.65	YES	NO	
L0000842	0	0.10454E-02	371016.5	3809944.5	490.8	5.00	4.65	4.65	YES	NO	
L0000843	0	0.10454E-02	371006.6	3809942.8	490.7	5.00	4.65	4.65	YES	NO	
L0000844	0	0.10454E-02	370996.8	3809941.1	490.7	5.00	4.65	4.65	YES	NO	

```
 L0000845         0   0.10454E-02  370986.9 3809939.4   490.6     5.00     4.65
4.65     YES                  NO
 L0000846         0   0.10454E-02  370977.1 3809937.7   490.6     5.00     4.65
4.65     YES                  NO
 L0000847         0   0.10454E-02  370967.2 3809936.0   490.5     5.00     4.65
4.65     YES                  NO
 L0000848         0   0.10454E-02  370957.4 3809934.3   490.5     5.00     4.65
4.65     YES                  NO
 L0000849         0   0.10454E-02  370947.5 3809932.6   490.4     5.00     4.65
4.65     YES                  NO
 L0000850         0   0.10454E-02  370937.7 3809930.8   490.4     5.00     4.65
4.65     YES                  NO
 L0000851         0   0.10454E-02  370927.8 3809929.1   490.3     5.00     4.65
4.65     YES                  NO
 L0000852         0   0.10454E-02  370918.0 3809927.4   490.3     5.00     4.65
4.65     YES                  NO
 L0000853         0   0.10454E-02  370908.1 3809925.7   490.2     5.00     4.65
4.65     YES                  NO
 L0000854         0   0.10454E-02  370898.2 3809924.0   490.2     5.00     4.65
4.65     YES                  NO
 L0000855         0   0.10454E-02  370888.4 3809922.3   490.1     5.00     4.65
4.65     YES                  NO
 L0000856         0   0.10454E-02  370878.5 3809920.6   490.1     5.00     4.65
4.65     YES                  NO
 L0000857         0   0.10454E-02  370868.7 3809918.9   490.1     5.00     4.65
4.65     YES                  NO
 L0000858         0   0.10454E-02  370858.8 3809917.2   490.0     5.00     4.65
4.65     YES                  NO
 L0000859         0   0.10454E-02  370849.0 3809915.4   489.9     5.00     4.65
4.65     YES                  NO
 L0000860         0   0.10454E-02  370839.1 3809913.7   489.9     5.00     4.65
4.65     YES                  NO
 L0000861         0   0.10454E-02  370829.3 3809912.0   489.9     5.00     4.65
4.65     YES                  NO
 L0000862         0   0.10454E-02  370819.4 3809910.3   489.8     5.00     4.65
4.65     YES                  NO
 L0000863         0   0.10454E-02  370809.6 3809908.6   489.8     5.00     4.65
4.65     YES                  NO
 L0000864         0   0.10454E-02  370799.7 3809906.9   489.7     5.00     4.65
4.65     YES                  NO
 L0000865         0   0.10454E-02  370789.9 3809905.2   489.7     5.00     4.65
4.65     YES                  NO
 L0000866         0   0.10454E-02  370780.0 3809903.5   489.6     5.00     4.65
4.65     YES                  NO
 L0000867         0   0.10454E-02  370770.2 3809901.8   489.6     5.00     4.65
4.65     YES                  NO
 L0000868         0   0.10454E-02  370760.3 3809900.1   489.5     5.00     4.65
4.65     YES                  NO
 L0000869         0   0.10454E-02  370750.5 3809898.3   489.5     5.00     4.65
4.65     YES                  NO
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 L0000870         0   0.10454E-02  370740.6 3809896.6   489.4     5.00     4.65
4.65     YES                    NO
 L0000871         0   0.10454E-02  370730.8 3809894.9   489.4     5.00     4.65
4.65     YES                    NO
 L0000872         0   0.10454E-02  370720.9 3809893.2   489.3     5.00     4.65
4.65     YES                    NO
 L0000873         0   0.10454E-02  370711.0 3809891.5   489.3     5.00     4.65
4.65     YES                    NO
 L0000874         0   0.10454E-02  370701.2 3809889.8   489.2     5.00     4.65
4.65     YES                    NO
 L0000875         0   0.10454E-02  370691.3 3809888.1   489.2     5.00     4.65
4.65     YES                    NO
 L0000876         0   0.10454E-02  370681.5 3809886.4   489.1     5.00     4.65
4.65     YES                    NO
 L0000877         0   0.10454E-02  370671.6 3809884.7   489.1     5.00     4.65
4.65     YES                    NO
 L0000878         0   0.10454E-02  370661.8 3809882.9   489.0     5.00     4.65
4.65     YES                    NO
 L0000879         0   0.10454E-02  370651.9 3809881.2   489.0     5.00     4.65
4.65     YES                    NO
 L0000880         0   0.10454E-02  370642.1 3809879.5   488.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   ***

DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                 PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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- - - - - - - - - - - - - - - - - - - - - -

 L0000881         0   0.10454E-02  370632.2 3809877.8   488.9     5.00     4.65
4.65     YES                    NO
 L0000882         0   0.10454E-02  370622.4 3809876.1   488.8     5.00     4.65
4.65     YES                    NO
 L0000883         0   0.10454E-02  370612.5 3809874.4   488.8     5.00     4.65
4.65     YES                    NO
 L0000884         0   0.10454E-02  370602.7 3809872.7   488.7     5.00     4.65
4.65     YES                    NO
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L0000885	0	0.10454E-02	370592.8	3809871.0	488.7	5.00	4.65	4.65
YES		NO						
L0000886	0	0.10454E-02	370583.0	3809869.3	488.7	5.00	4.65	4.65
YES		NO						
L0000887	0	0.10454E-02	370580.0	3809860.7	488.9	5.00	4.65	4.65
YES		NO						
L0000888	0	0.10454E-02	370578.4	3809850.8	489.1	5.00	4.65	4.65
YES		NO						
L0000889	0	0.10454E-02	370576.7	3809841.0	489.3	5.00	4.65	4.65
YES		NO						
L0000890	0	0.10454E-02	370575.1	3809831.1	489.6	5.00	4.65	4.65
YES		NO						
L0000891	0	0.10454E-02	370570.0	3809823.8	489.7	5.00	4.65	4.65
YES		NO						
L0000892	0	0.10454E-02	370561.0	3809819.3	489.8	5.00	4.65	4.65
YES		NO						
L0000893	0	0.10454E-02	370552.1	3809814.9	489.8	5.00	4.65	4.65
YES		NO						
L0000894	0	0.10454E-02	370543.1	3809810.4	489.8	5.00	4.65	4.65
YES		NO						
L0000895	0	0.10454E-02	370534.2	3809805.9	489.8	5.00	4.65	4.65
YES		NO						
L0000896	0	0.10454E-02	370525.2	3809801.4	489.9	5.00	4.65	4.65
YES		NO						
L0000897	0	0.10454E-02	370516.3	3809797.0	489.9	5.00	4.65	4.65
YES		NO						
L0000898	0	0.10454E-02	370507.3	3809792.5	489.9	5.00	4.65	4.65
YES		NO						
L0000899	0	0.10454E-02	370506.2	3809783.3	490.1	5.00	4.65	4.65
YES		NO						
L0000900	0	0.10454E-02	370506.4	3809773.3	490.4	5.00	4.65	4.65
YES		NO						
L0000901	0	0.10454E-02	370506.6	3809763.3	490.6	5.00	4.65	4.65
YES		NO						
L0000902	0	0.10454E-02	370506.7	3809753.3	490.8	5.00	4.65	4.65
YES		NO						
L0000903	0	0.10454E-02	370506.9	3809743.3	491.0	5.00	4.65	4.65
YES		NO						
L0000904	0	0.10454E-02	370507.1	3809733.3	491.2	5.00	4.65	4.65
YES		NO						
L0000905	0	0.10454E-02	370507.3	3809723.3	491.5	5.00	4.65	4.65
YES		NO						
L0000906	0	0.10454E-02	370507.4	3809713.3	491.7	5.00	4.65	4.65
YES		NO						
L0000907	0	0.10454E-02	370507.6	3809703.3	491.9	5.00	4.65	4.65
YES		NO						
L0000908	0	0.10454E-02	370507.8	3809693.3	492.2	5.00	4.65	4.65
YES		NO						
L0000909	0	0.10454E-02	370510.3	3809684.0	492.3	5.00	4.65	4.65
YES		NO						

 L0000910   0   0.10454E-02 370515.7 3809675.6   492.5   5.00   4.65
4.65   YES   NO
 L0000911   0   0.10454E-02 370521.4 3809667.5   492.6   5.00   4.65
4.65   YES   NO
 L0000912   0   0.10454E-02 370529.9 3809662.2   492.9   5.00   4.65
4.65   YES   NO
 L0000913   0   0.10454E-02 370538.4 3809657.0   493.1   5.00   4.65
4.65   YES   NO
 L0000914   0   0.10454E-02 370546.9 3809651.7   493.4   5.00   4.65
4.65   YES   NO
 L0000915   0   0.10454E-02 370555.4 3809646.4   493.6   5.00   4.65
4.65   YES   NO
 L0000916   0   0.10454E-02 370563.9 3809641.2   493.9   5.00   4.65
4.65   YES   NO
 L0000917   0   0.10454E-02 370572.4 3809635.9   494.1   5.00   4.65
4.65   YES   NO
 L0000918   0   0.10454E-02 370580.9 3809630.6   494.4   5.00   4.65
4.65   YES   NO
 L0000919   0   0.10454E-02 370589.4 3809625.3   494.6   5.00   4.65
4.65   YES   NO
 L0000920   0   0.10454E-02 370597.9 3809620.1   494.8   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0000921   0   0.10454E-02 370606.4 3809614.8   495.1   5.00   4.65
4.65   YES   NO
 L0000922   0   0.10454E-02 370614.9 3809609.5   495.3   5.00   4.65
4.65   YES   NO
 L0000923   0   0.10454E-02 370623.4 3809604.3   495.6   5.00   4.65
4.65   YES   NO
 L0000924   0   0.10454E-02 370631.9 3809599.0   495.8   5.00   4.65
4.65   YES   NO

L0000925	0	0.10454E-02	370640.4	3809593.7	496.1	5.00	4.65	4.65
YES		NO						
L0000926	0	0.10454E-02	370648.9	3809588.4	496.3	5.00	4.65	4.65
YES		NO						
L0000927	0	0.10454E-02	370657.4	3809583.2	496.5	5.00	4.65	4.65
YES		NO						
L0000928	0	0.10454E-02	370665.9	3809577.9	496.8	5.00	4.65	4.65
YES		NO						
L0000929	0	0.10454E-02	370674.4	3809572.6	497.0	5.00	4.65	4.65
YES		NO						
L0000930	0	0.10454E-02	370682.9	3809567.4	497.3	5.00	4.65	4.65
YES		NO						
L0000931	0	0.10454E-02	370691.4	3809562.1	497.5	5.00	4.65	4.65
YES		NO						
L0000932	0	0.10454E-02	370699.9	3809556.8	497.8	5.00	4.65	4.65
YES		NO						
L0000933	0	0.10454E-02	370708.4	3809551.5	498.0	5.00	4.65	4.65
YES		NO						
L0000934	0	0.10454E-02	370716.9	3809546.3	498.2	5.00	4.65	4.65
YES		NO						
L0000935	0	0.10454E-02	370725.4	3809541.0	498.5	5.00	4.65	4.65
YES		NO						
L0000936	0	0.10454E-02	370733.9	3809535.7	498.7	5.00	4.65	4.65
YES		NO						
L0000937	0	0.10454E-02	370742.4	3809530.5	499.0	5.00	4.65	4.65
YES		NO						
L0000938	0	0.10454E-02	370750.9	3809525.2	499.2	5.00	4.65	4.65
YES		NO						
L0000939	0	0.10454E-02	370759.4	3809519.9	499.5	5.00	4.65	4.65
YES		NO						
L0000940	0	0.10454E-02	370767.9	3809514.6	499.7	5.00	4.65	4.65
YES		NO						
L0000941	0	0.10454E-02	370776.4	3809509.4	500.0	5.00	4.65	4.65
YES		NO						
L0000942	0	0.10454E-02	370784.9	3809504.1	500.2	5.00	4.65	4.65
YES		NO						
L0000943	0	0.10454E-02	370793.3	3809498.8	500.4	5.00	4.65	4.65
YES		NO						
L0000944	0	0.10454E-02	370801.8	3809493.6	500.7	5.00	4.65	4.65
YES		NO						
L0000945	0	0.10454E-02	370809.1	3809486.8	500.9	5.00	4.65	4.65
YES		NO						
L0000946	0	0.10454E-02	370816.0	3809479.5	501.0	5.00	4.65	4.65
YES		NO						
L0000947	0	0.10454E-02	370822.9	3809472.3	501.1	5.00	4.65	4.65
YES		NO						
L0000948	0	0.10454E-02	370829.8	3809465.1	501.2	5.00	4.65	4.65
YES		NO						
L0000949	0	0.10454E-02	370836.7	3809457.8	501.4	5.00	4.65	4.65
YES		NO						

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 L0000950         0   0.10454E-02  370841.2 3809449.8   501.5     5.00     4.65
4.65     YES                    NO
 L0000951         0   0.10454E-02  370840.5 3809439.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.10454E-02  370839.7 3809429.8   502.1     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.10454E-02  370838.9 3809419.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000954         0   0.10454E-02  370838.2 3809409.9   502.6     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.10454E-02  370837.4 3809399.9   502.9     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.10454E-02  370836.6 3809389.9   503.2     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.10454E-02  370839.1 3809383.1   503.4     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.10454E-02  370849.1 3809383.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.10454E-02  370859.0 3809384.5   503.3     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.10454E-02  370864.6 3809390.6   503.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000961         0   0.10454E-02  370867.2 3809400.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000962         0   0.10454E-02  370869.9 3809409.8   502.6     5.00     4.65
4.65     YES                    NO
 L0000963         0   0.10454E-02  370872.5 3809419.5   502.3     5.00     4.65
4.65     YES                    NO
 L0000964         0   0.10454E-02  370875.2 3809429.1   502.0     5.00     4.65
4.65     YES                    NO
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L0000965	0	0.10454E-02	370877.8	3809438.8	501.8	5.00	4.65	
4.65	YES	NO						
L0000966	0	0.10454E-02	370880.5	3809448.4	501.5	5.00	4.65	
4.65	YES	NO						
L0000967	0	0.10454E-02	370884.0	3809457.4	501.2	5.00	4.65	
4.65	YES	NO						
L0000968	0	0.10454E-02	370892.2	3809463.2	500.9	5.00	4.65	
4.65	YES	NO						
L0000969	0	0.10454E-02	370900.3	3809469.1	500.5	5.00	4.65	
4.65	YES	NO						
L0000970	0	0.10454E-02	370908.5	3809474.9	500.1	5.00	4.65	
4.65	YES	NO						
L0000971	0	0.10454E-02	370916.6	3809480.7	499.8	5.00	4.65	
4.65	YES	NO						
L0000972	0	0.10454E-02	370925.7	3809483.4	499.5	5.00	4.65	
4.65	YES	NO						
L0000973	0	0.10454E-02	370935.7	3809483.4	499.3	5.00	4.65	
4.65	YES	NO						
L0000974	0	0.10454E-02	370945.7	3809483.4	499.2	5.00	4.65	
4.65	YES	NO						
L0000975	0	0.10454E-02	370955.7	3809483.4	499.0	5.00	4.65	
4.65	YES	NO						
L0000976	0	0.10454E-02	370965.7	3809483.4	498.8	5.00	4.65	
4.65	YES	NO						
L0000977	0	0.10454E-02	370975.7	3809483.4	498.7	5.00	4.65	
4.65	YES	NO						
L0000978	0	0.10454E-02	370985.7	3809483.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000979	0	0.10454E-02	370995.7	3809483.4	498.4	5.00	4.65	
4.65	YES	NO						
L0000980	0	0.10454E-02	371005.7	3809483.4	498.2	5.00	4.65	
4.65	YES	NO						
L0000981	0	0.10454E-02	371015.7	3809483.4	498.0	5.00	4.65	
4.65	YES	NO						
L0000982	0	0.10454E-02	371025.7	3809483.4	497.9	5.00	4.65	
4.65	YES	NO						
L0000983	0	0.10454E-02	371035.7	3809483.4	497.7	5.00	4.65	
4.65	YES	NO						
L0000984	0	0.10454E-02	371045.7	3809483.4	497.5	5.00	4.65	
4.65	YES	NO						
L0000985	0	0.10454E-02	371055.7	3809483.4	497.4	5.00	4.65	
4.65	YES	NO						
L0000986	0	0.10454E-02	371062.0	3809487.0	497.2	5.00	4.65	
4.65	YES	NO						
L0000987	0	0.10454E-02	371061.6	3809497.0	497.0	5.00	4.65	
4.65	YES	NO						
L0000988	0	0.10454E-02	371061.3	3809507.0	496.9	5.00	4.65	
4.65	YES	NO						
L0000989	0	0.10454E-02	371061.0	3809517.0	496.7	5.00	4.65	
4.65	YES	NO						

```
 L0000990         0   0.10454E-02  371060.7 3809527.0   496.5     5.00     4.65
4.65     YES                    NO
 L0000991         0   0.10454E-02  371060.3 3809537.0   496.4     5.00     4.65
4.65     YES                    NO
 L0000992         0   0.10454E-02  371060.0 3809547.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000993         0   0.10454E-02  371059.7 3809557.0   496.0     5.00     4.65
4.65     YES                    NO
 L0000994         0   0.10454E-02  371059.4 3809567.0   495.9     5.00     4.65
4.65     YES                    NO
 L0000995         0   0.10454E-02  371059.1 3809577.0   495.7     5.00     4.65
4.65     YES                    NO
 L0000996         0   0.10454E-02  371058.7 3809587.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000997         0   0.10454E-02  371058.4 3809597.0   495.3     5.00     4.65
4.65     YES                    NO
 L0000998         0   0.10454E-02  371058.1 3809607.0   495.2     5.00     4.65
4.65     YES                    NO
 L0000999         0   0.10454E-02  371057.8 3809617.0   495.0     5.00     4.65
4.65     YES                    NO
 L0001000         0   0.10454E-02  371057.5 3809627.0   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001001         0   0.10454E-02  371057.1 3809637.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001002         0   0.10454E-02  371056.8 3809647.0   494.5     5.00     4.65
4.65     YES                    NO
 L0001003         0   0.10454E-02  371056.5 3809656.9   494.3     5.00     4.65
4.65     YES                    NO
 L0001004         0   0.10454E-02  371056.2 3809666.9   494.2     5.00     4.65
4.65     YES                    NO
```

L0001005	0	0.10454E-02	371055.9	3809676.9	494.0	5.00	4.65	
4.65	YES	NO						
L0001006	0	0.10454E-02	371055.5	3809686.9	493.8	5.00	4.65	
4.65	YES	NO						
L0001007	0	0.10454E-02	371055.2	3809696.9	493.7	5.00	4.65	
4.65	YES	NO						
L0001008	0	0.10454E-02	371054.9	3809706.9	493.5	5.00	4.65	
4.65	YES	NO						
L0001009	0	0.10454E-02	371054.6	3809716.9	493.3	5.00	4.65	
4.65	YES	NO						
L0001010	0	0.10454E-02	371054.2	3809726.9	493.1	5.00	4.65	
4.65	YES	NO						
L0001011	0	0.10454E-02	371053.9	3809736.9	493.0	5.00	4.65	
4.65	YES	NO						
L0001012	0	0.10454E-02	371053.6	3809746.9	492.8	5.00	4.65	
4.65	YES	NO						
L0001013	0	0.10454E-02	371053.3	3809756.9	492.6	5.00	4.65	
4.65	YES	NO						
L0001014	0	0.10454E-02	371053.0	3809766.9	492.5	5.00	4.65	
4.65	YES	NO						
L0001015	0	0.10454E-02	371052.6	3809776.9	492.3	5.00	4.65	
4.65	YES	NO						
L0001016	0	0.10454E-02	371052.3	3809786.9	492.1	5.00	4.65	
4.65	YES	NO						
L0001017	0	0.10454E-02	371052.0	3809796.9	492.0	5.00	4.65	
4.65	YES	NO						
L0001018	0	0.10454E-02	371051.7	3809806.9	491.8	5.00	4.65	
4.65	YES	NO						
L0001019	0	0.10454E-02	371051.4	3809816.9	491.6	5.00	4.65	
4.65	YES	NO						
L0001020	0	0.10454E-02	371051.0	3809826.9	491.4	5.00	4.65	
4.65	YES	NO						
L0001021	0	0.10454E-02	371050.7	3809836.9	491.3	5.00	4.65	
4.65	YES	NO						
L0001022	0	0.10454E-02	371050.4	3809846.8	491.1	5.00	4.65	
4.65	YES	NO						
L0001023	0	0.10454E-02	371050.1	3809856.8	490.9	5.00	4.65	
4.65	YES	NO						
L0001024	0	0.10454E-02	371049.8	3809866.8	490.8	5.00	4.65	
4.65	YES	NO						
L0001025	0	0.10454E-02	371049.4	3809876.8	490.6	5.00	4.65	
4.65	YES	NO						
L0001026	0	0.10454E-02	371049.1	3809886.8	490.4	5.00	4.65	
4.65	YES	NO						
L0001027	0	0.10454E-02	371048.8	3809896.8	490.3	5.00	4.65	
4.65	YES	NO						
L0001028	0	0.10454E-02	371048.5	3809906.8	490.1	5.00	4.65	
4.65	YES	NO						
L0001029	0	0.10454E-02	371048.1	3809916.8	489.9	5.00	4.65	
4.65	YES	NO						

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 L0001030         0   0.10454E-02  371047.8 3809926.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001031         0   0.10454E-02  371041.0 3809928.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001032         0   0.10454E-02  371031.2 3809926.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001033         0   0.10454E-02  371021.4 3809924.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001034         0   0.10454E-02  371011.5 3809923.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001035         0   0.10454E-02  371001.7 3809921.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001036         0   0.10454E-02  370991.9 3809919.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001037         0   0.10454E-02  370982.1 3809917.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001038         0   0.10454E-02  370972.3 3809915.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001039         0   0.10454E-02  370962.4 3809913.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001040         0   0.10454E-02  370952.6 3809911.8   489.7     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001041         0   0.10454E-02  370942.8 3809909.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001042         0   0.10454E-02  370933.0 3809908.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001043         0   0.10454E-02  370923.2 3809906.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001044         0   0.10454E-02  370913.3 3809904.2   489.7     5.00     4.65
4.65     YES                    NO
```

L0001045	0	0.10454E-02	370903.5	3809902.4	489.7	5.00	4.65	
4.65	YES	NO						
L0001046	0	0.10454E-02	370893.7	3809900.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001047	0	0.10454E-02	370883.9	3809898.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001048	0	0.10454E-02	370874.0	3809896.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001049	0	0.10454E-02	370864.2	3809894.8	489.7	5.00	4.65	
4.65	YES	NO						
L0001050	0	0.10454E-02	370854.4	3809893.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001051	0	0.10454E-02	370844.6	3809891.1	489.7	5.00	4.65	
4.65	YES	NO						
L0001052	0	0.10454E-02	370834.8	3809889.2	489.7	5.00	4.65	
4.65	YES	NO						
L0001053	0	0.10454E-02	370824.9	3809887.3	489.7	5.00	4.65	
4.65	YES	NO						
L0001054	0	0.10454E-02	370815.1	3809885.4	489.7	5.00	4.65	
4.65	YES	NO						
L0001055	0	0.10454E-02	370805.3	3809883.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001056	0	0.10454E-02	370795.5	3809881.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001057	0	0.10454E-02	370785.7	3809879.8	489.7	5.00	4.65	
4.65	YES	NO						
L0001058	0	0.10454E-02	370775.8	3809877.9	489.7	5.00	4.65	
4.65	YES	NO						
L0001059	0	0.10454E-02	370766.0	3809876.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001060	0	0.10454E-02	370756.2	3809874.1	489.7	5.00	4.65	
4.65	YES	NO						
L0001061	0	0.10454E-02	370746.4	3809872.3	489.7	5.00	4.65	
4.65	YES	NO						
L0001062	0	0.10454E-02	370736.5	3809870.4	489.7	5.00	4.65	
4.65	YES	NO						
L0001063	0	0.10454E-02	370726.7	3809868.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001064	0	0.10454E-02	370716.9	3809866.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001065	0	0.10454E-02	370707.1	3809864.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001066	0	0.10454E-02	370697.3	3809862.9	489.7	5.00	4.65	
4.65	YES	NO						
L0001067	0	0.10454E-02	370687.4	3809861.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001068	0	0.10454E-02	370677.6	3809859.1	489.8	5.00	4.65	
4.65	YES	NO						
L0001069	0	0.10454E-02	370667.8	3809857.2	489.8	5.00	4.65	
4.65	YES	NO						

 L0001070   0   0.10454E-02 370658.0 3809855.3   489.8   5.00   4.65
4.65   YES   NO
 L0001071   0   0.10454E-02 370648.2 3809853.5   489.8   5.00   4.65
4.65   YES   NO
 L0001072   0   0.10454E-02 370638.3 3809851.6   489.8   5.00   4.65
4.65   YES   NO
 L0001073   0   0.10454E-02 370628.5 3809849.7   489.8   5.00   4.65
4.65   YES   NO
 L0001074   0   0.10454E-02 370623.8 3809842.0   489.9   5.00   4.65
4.65   YES   NO
 L0001075   0   0.10454E-02 370620.6 3809832.5   490.0   5.00   4.65
4.65   YES   NO
 L0001076   0   0.10454E-02 370617.5 3809823.0   490.1   5.00   4.65
4.65   YES   NO
 L0001077   0   0.10454E-02 370614.3 3809813.5   490.3   5.00   4.65
4.65   YES   NO
 L0001078   0   0.10454E-02 370611.2 3809804.0   490.4   5.00   4.65
4.65   YES   NO
 L0001079   0   0.10454E-02 370604.2 3809797.7   490.5   5.00   4.65
4.65   YES   NO
 L0001080   0   0.10454E-02 370595.4 3809793.0   490.6   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001081   0   0.10454E-02 370586.6 3809788.3   490.7   5.00   4.65
4.65   YES   NO
 L0001082   0   0.10454E-02 370577.7 3809783.6   490.7   5.00   4.65
4.65   YES   NO
 L0001083   0   0.10454E-02 370568.9 3809779.0   490.8   5.00   4.65
4.65   YES   NO
 L0001084   0   0.10454E-02 370560.1 3809774.3   490.9   5.00   4.65
4.65   YES   NO

L0001085	0	0.10454E-02	370552.6	3809768.7	491.0	5.00	4.65	
4.65	YES	NO						
L0001086	0	0.10454E-02	370552.1	3809758.7	491.1	5.00	4.65	
4.65	YES	NO						
L0001087	0	0.10454E-02	370551.5	3809748.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001088	0	0.10454E-02	370551.0	3809738.7	491.3	5.00	4.65	
4.65	YES	NO						
L0001089	0	0.10454E-02	370550.4	3809728.8	491.4	5.00	4.65	
4.65	YES	NO						
L0001090	0	0.10454E-02	370549.8	3809718.8	491.5	5.00	4.65	
4.65	YES	NO						
L0001091	0	0.10454E-02	370549.3	3809708.8	491.6	5.00	4.65	
4.65	YES	NO						
L0001092	0	0.10454E-02	370555.0	3809702.1	491.8	5.00	4.65	
4.65	YES	NO						
L0001093	0	0.10454E-02	370563.5	3809696.7	492.0	5.00	4.65	
4.65	YES	NO						
L0001094	0	0.10454E-02	370572.0	3809691.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001095	0	0.10454E-02	370580.5	3809686.1	492.5	5.00	4.65	
4.65	YES	NO						
L0001096	0	0.10454E-02	370588.9	3809680.8	492.7	5.00	4.65	
4.65	YES	NO						
L0001097	0	0.10454E-02	370597.4	3809675.5	493.0	5.00	4.65	
4.65	YES	NO						
L0001098	0	0.10454E-02	370605.9	3809670.2	493.2	5.00	4.65	
4.65	YES	NO						
L0001099	0	0.10454E-02	370614.3	3809664.8	493.4	5.00	4.65	
4.65	YES	NO						
L0001100	0	0.10454E-02	370622.8	3809659.5	493.7	5.00	4.65	
4.65	YES	NO						
L0001101	0	0.10454E-02	370631.3	3809654.2	493.9	5.00	4.65	
4.65	YES	NO						
L0001102	0	0.10454E-02	370639.7	3809648.9	494.2	5.00	4.65	
4.65	YES	NO						
L0001103	0	0.10454E-02	370648.2	3809643.6	494.4	5.00	4.65	
4.65	YES	NO						
L0001104	0	0.10454E-02	370656.7	3809638.2	494.6	5.00	4.65	
4.65	YES	NO						
L0001105	0	0.10454E-02	370665.1	3809632.9	494.9	5.00	4.65	
4.65	YES	NO						
L0001106	0	0.10454E-02	370673.6	3809627.6	495.1	5.00	4.65	
4.65	YES	NO						
L0001107	0	0.10454E-02	370682.1	3809622.3	495.3	5.00	4.65	
4.65	YES	NO						
L0001108	0	0.10454E-02	370690.5	3809617.0	495.6	5.00	4.65	
4.65	YES	NO						
L0001109	0	0.10454E-02	370699.0	3809611.6	495.8	5.00	4.65	
4.65	YES	NO						

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 L0001110         0   0.10454E-02  370707.5 3809606.3   496.1     5.00     4.65
4.65     YES                    NO
 L0001111         0   0.10454E-02  370715.9 3809601.0   496.3     5.00     4.65
4.65     YES                    NO
 L0001112         0   0.10454E-02  370724.4 3809595.7   496.5     5.00     4.65
4.65     YES                    NO
 L0001113         0   0.10454E-02  370732.9 3809590.4   496.8     5.00     4.65
4.65     YES                    NO
 L0001114         0   0.10454E-02  370741.3 3809585.1   497.0     5.00     4.65
4.65     YES                    NO
 L0001115         0   0.10454E-02  370749.8 3809579.7   497.2     5.00     4.65
4.65     YES                    NO
 L0001116         0   0.10454E-02  370758.3 3809574.4   497.5     5.00     4.65
4.65     YES                    NO
 L0001117         0   0.10454E-02  370766.8 3809569.1   497.7     5.00     4.65
4.65     YES                    NO
 L0001118         0   0.10454E-02  370775.2 3809563.8   497.9     5.00     4.65
4.65     YES                    NO
 L0001119         0   0.10454E-02  370783.7 3809558.5   498.2     5.00     4.65
4.65     YES                    NO
 L0001120         0   0.10454E-02  370792.2 3809553.1   498.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001121         0   0.10454E-02  370800.6 3809547.8   498.7     5.00     4.65
4.65     YES                    NO
 L0001122         0   0.10454E-02  370809.1 3809542.5   498.9     5.00     4.65
4.65     YES                    NO
 L0001123         0   0.10454E-02  370817.6 3809537.2   499.1     5.00     4.65
4.65     YES                    NO
 L0001124         0   0.10454E-02  370826.0 3809531.9   499.4     5.00     4.65
4.65     YES                    NO
```

L0001125	0	0.10454E-02	370834.5	3809526.5	499.6	5.00	4.65	
4.65	YES	NO						
L0001126	0	0.10454E-02	370843.0	3809521.2	499.8	5.00	4.65	
4.65	YES	NO						
L0001127	0	0.10454E-02	370852.9	3809521.0	499.7	5.00	4.65	
4.65	YES	NO						
L0001128	0	0.10454E-02	370862.9	3809520.9	499.6	5.00	4.65	
4.65	YES	NO						
L0001129	0	0.10454E-02	370872.9	3809520.8	499.4	5.00	4.65	
4.65	YES	NO						
L0001130	0	0.10454E-02	370882.9	3809520.7	499.3	5.00	4.65	
4.65	YES	NO						
L0001131	0	0.10454E-02	370892.9	3809520.6	499.1	5.00	4.65	
4.65	YES	NO						
L0001132	0	0.10454E-02	370902.9	3809520.5	499.0	5.00	4.65	
4.65	YES	NO						
L0001133	0	0.10454E-02	370912.9	3809520.4	498.8	5.00	4.65	
4.65	YES	NO						
L0001134	0	0.10454E-02	370922.9	3809520.3	498.7	5.00	4.65	
4.65	YES	NO						
L0001135	0	0.10454E-02	370932.9	3809520.2	498.5	5.00	4.65	
4.65	YES	NO						
L0001136	0	0.10454E-02	370942.9	3809520.1	498.4	5.00	4.65	
4.65	YES	NO						
L0001137	0	0.10454E-02	370952.9	3809520.0	498.2	5.00	4.65	
4.65	YES	NO						
L0001138	0	0.10454E-02	370962.9	3809519.9	498.1	5.00	4.65	
4.65	YES	NO						
L0001139	0	0.10454E-02	370972.9	3809519.8	497.9	5.00	4.65	
4.65	YES	NO						
L0001140	0	0.10454E-02	370982.9	3809519.7	497.8	5.00	4.65	
4.65	YES	NO						
L0001141	0	0.10454E-02	370992.9	3809519.6	497.6	5.00	4.65	
4.65	YES	NO						
L0001142	0	0.10454E-02	371002.9	3809519.5	497.5	5.00	4.65	
4.65	YES	NO						
L0001143	0	0.10454E-02	371012.9	3809519.4	497.3	5.00	4.65	
4.65	YES	NO						
L0001144	0	0.10454E-02	371022.6	3809519.5	497.2	5.00	4.65	
4.65	YES	NO						
L0001145	0	0.10454E-02	371022.2	3809529.5	497.0	5.00	4.65	
4.65	YES	NO						
L0001146	0	0.10454E-02	371021.8	3809539.5	496.8	5.00	4.65	
4.65	YES	NO						
L0001147	0	0.10454E-02	371021.4	3809549.5	496.6	5.00	4.65	
4.65	YES	NO						
L0001148	0	0.10454E-02	371021.0	3809559.5	496.4	5.00	4.65	
4.65	YES	NO						
L0001149	0	0.10454E-02	371020.7	3809569.5	496.2	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001150	0	0.10454E-02	371020.3	3809579.5	496.0	5.00	4.65	4.65	YES	NO	
L0001151	0	0.10454E-02	371019.9	3809589.5	495.8	5.00	4.65	4.65	YES	NO	
L0001152	0	0.10454E-02	371019.5	3809599.5	495.6	5.00	4.65	4.65	YES	NO	
L0001153	0	0.10454E-02	371019.1	3809609.5	495.4	5.00	4.65	4.65	YES	NO	
L0001154	0	0.10454E-02	371018.7	3809619.5	495.1	5.00	4.65	4.65	YES	NO	
L0001155	0	0.10454E-02	371018.3	3809629.5	494.9	5.00	4.65	4.65	YES	NO	
L0001156	0	0.10454E-02	371017.9	3809639.5	494.7	5.00	4.65	4.65	YES	NO	
L0001157	0	0.10454E-02	371017.5	3809649.4	494.5	5.00	4.65	4.65	YES	NO	
L0001158	0	0.10454E-02	371017.1	3809659.4	494.3	5.00	4.65	4.65	YES	NO	
L0001159	0	0.10454E-02	371016.8	3809669.4	494.1	5.00	4.65	4.65	YES	NO	
L0001160	0	0.10454E-02	371016.4	3809679.4	493.9	5.00	4.65	4.65	YES	NO	
L0001161	0	0.10454E-02	371016.0	3809689.4	493.7	5.00	4.65	4.65	YES	NO	
L0001162	0	0.10454E-02	371015.6	3809699.4	493.5	5.00	4.65	4.65	YES	NO	
L0001163	0	0.10454E-02	371015.2	3809709.4	493.3	5.00	4.65	4.65	YES	NO	
L0001164	0	0.10454E-02	371014.8	3809719.4	493.1	5.00	4.65	4.65	YES	NO	

L0001165	0	0.10454E-02	371014.4	3809729.4	492.9	5.00	4.65	
4.65	YES	NO						
L0001166	0	0.10454E-02	371014.0	3809739.4	492.7	5.00	4.65	
4.65	YES	NO						
L0001167	0	0.10454E-02	371013.6	3809749.4	492.5	5.00	4.65	
4.65	YES	NO						
L0001168	0	0.10454E-02	371013.2	3809759.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001169	0	0.10454E-02	371012.9	3809769.4	492.1	5.00	4.65	
4.65	YES	NO						
L0001170	0	0.10454E-02	371012.5	3809779.3	491.9	5.00	4.65	
4.65	YES	NO						
L0001171	0	0.10454E-02	371012.1	3809789.3	491.7	5.00	4.65	
4.65	YES	NO						
L0001172	0	0.10454E-02	371011.7	3809799.3	491.5	5.00	4.65	
4.65	YES	NO						
L0001173	0	0.10454E-02	371011.3	3809809.3	491.2	5.00	4.65	
4.65	YES	NO						
L0001174	0	0.10454E-02	371010.9	3809819.3	491.1	5.00	4.65	
4.65	YES	NO						
L0001175	0	0.10454E-02	371010.5	3809829.3	490.8	5.00	4.65	
4.65	YES	NO						
L0001176	0	0.10454E-02	371010.1	3809839.3	490.6	5.00	4.65	
4.65	YES	NO						
L0001177	0	0.10454E-02	371009.7	3809849.3	490.4	5.00	4.65	
4.65	YES	NO						
L0001178	0	0.10454E-02	371009.3	3809859.3	490.2	5.00	4.65	
4.65	YES	NO						
L0001179	0	0.10454E-02	371009.0	3809869.3	490.0	5.00	4.65	
4.65	YES	NO						
L0001180	0	0.10454E-02	371008.6	3809879.3	489.8	5.00	4.65	
4.65	YES	NO						
L0001181	0	0.10454E-02	371006.0	3809886.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001182	0	0.10454E-02	370996.2	3809884.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001183	0	0.10454E-02	370986.3	3809882.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001184	0	0.10454E-02	370976.5	3809880.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001185	0	0.10454E-02	370966.7	3809878.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001186	0	0.10454E-02	370956.9	3809876.9	489.8	5.00	4.65	
4.65	YES	NO						
L0001187	0	0.10454E-02	370947.1	3809875.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001188	0	0.10454E-02	370937.3	3809873.1	489.9	5.00	4.65	
4.65	YES	NO						
L0001189	0	0.10454E-02	370927.4	3809871.2	489.9	5.00	4.65	
4.65	YES	NO						

 L0001190   0   0.10454E-02 370917.6 3809869.3   489.9   5.00   4.65
4.65   YES   NO
 L0001191   0   0.10454E-02 370907.8 3809867.4   489.9   5.00   4.65
4.65   YES   NO
 L0001192   0   0.10454E-02 370898.0 3809865.5   490.0   5.00   4.65
4.65   YES   NO
 L0001193   0   0.10454E-02 370888.2 3809863.6   490.0   5.00   4.65
4.65   YES   NO
 L0001194   0   0.10454E-02 370878.4 3809861.7   490.0   5.00   4.65
4.65   YES   NO
 L0001195   0   0.10454E-02 370868.5 3809859.8   490.1   5.00   4.65
4.65   YES   NO
 L0001196   0   0.10454E-02 370858.7 3809857.9   490.1   5.00   4.65
4.65   YES   NO
 L0001197   0   0.10454E-02 370848.9 3809855.9   490.1   5.00   4.65
4.65   YES   NO
 L0001198   0   0.10454E-02 370839.1 3809854.0   490.1   5.00   4.65
4.65   YES   NO
 L0001199   0   0.10454E-02 370829.3 3809852.1   490.2   5.00   4.65
4.65   YES   NO
 L0001200   0   0.10454E-02 370819.5 3809850.2   490.2   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0001201   0   0.10454E-02 370809.6 3809848.3   490.2   5.00   4.65
4.65   YES   NO
 L0001202   0   0.10454E-02 370799.8 3809846.4   490.2   5.00   4.65
4.65   YES   NO
 L0001203   0   0.10454E-02 370790.0 3809844.5   490.3   5.00   4.65
4.65   YES   NO
 L0001204   0   0.10454E-02 370780.2 3809842.6   490.3   5.00   4.65
4.65   YES   NO

L0001205	0	0.10454E-02	370770.4	3809840.7	490.3	5.00	4.65	4.65
YES		NO						
L0001206	0	0.10454E-02	370760.6	3809838.8	490.4	5.00	4.65	4.65
YES		NO						
L0001207	0	0.10454E-02	370750.8	3809836.9	490.4	5.00	4.65	4.65
YES		NO						
L0001208	0	0.10454E-02	370740.9	3809834.9	490.4	5.00	4.65	4.65
YES		NO						
L0001209	0	0.10454E-02	370731.1	3809833.0	490.4	5.00	4.65	4.65
YES		NO						
L0001210	0	0.10454E-02	370721.3	3809831.1	490.5	5.00	4.65	4.65
YES		NO						
L0001211	0	0.10454E-02	370711.5	3809829.2	490.5	5.00	4.65	4.65
YES		NO						
L0001212	0	0.10454E-02	370701.7	3809827.3	490.5	5.00	4.65	4.65
YES		NO						
L0001213	0	0.10454E-02	370691.9	3809825.4	490.6	5.00	4.65	4.65
YES		NO						
L0001214	0	0.10454E-02	370682.9	3809821.8	490.6	5.00	4.65	4.65
YES		NO						
L0001215	0	0.10454E-02	370675.5	3809815.0	490.7	5.00	4.65	4.65
YES		NO						
L0001216	0	0.10454E-02	370668.2	3809808.2	490.8	5.00	4.65	4.65
YES		NO						
L0001217	0	0.10454E-02	370660.8	3809801.5	490.9	5.00	4.65	4.65
YES		NO						
L0001218	0	0.10454E-02	370653.5	3809794.7	491.0	5.00	4.65	4.65
YES		NO						
L0001219	0	0.10454E-02	370646.2	3809787.9	491.1	5.00	4.65	4.65
YES		NO						
L0001220	0	0.10454E-02	370638.8	3809781.1	491.2	5.00	4.65	4.65
YES		NO						
L0001221	0	0.10454E-02	370631.5	3809774.3	491.3	5.00	4.65	4.65
YES		NO						
L0001222	0	0.10454E-02	370624.1	3809767.5	491.4	5.00	4.65	4.65
YES		NO						
L0001223	0	0.10454E-02	370616.8	3809760.8	491.5	5.00	4.65	4.65
YES		NO						
L0001224	0	0.10454E-02	370609.9	3809753.5	491.7	5.00	4.65	4.65
YES		NO						
L0001225	0	0.10454E-02	370603.1	3809746.1	491.9	5.00	4.65	4.65
YES		NO						
L0001226	0	0.10454E-02	370596.4	3809738.8	492.1	5.00	4.65	4.65
YES		NO						
L0001227	0	0.10454E-02	370595.8	3809729.0	492.3	5.00	4.65	4.65
YES		NO						
L0001228	0	0.10454E-02	370595.8	3809719.0	492.5	5.00	4.65	4.65
YES		NO						
L0001229	0	0.10454E-02	370603.7	3809713.4	492.7	5.00	4.65	4.65
YES		NO						

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 L0001230         0   0.10454E-02  370612.2 3809708.1   492.9     5.00     4.65
4.65     YES                    NO
 L0001231         0   0.10454E-02  370620.7 3809702.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.10454E-02  370629.2 3809697.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.10454E-02  370637.7 3809692.3   493.4     5.00     4.65
4.65     YES                    NO
 L0001234         0   0.10454E-02  370646.2 3809687.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.10454E-02  370654.6 3809681.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.10454E-02  370663.1 3809676.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.10454E-02  370671.6 3809671.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.10454E-02  370680.1 3809665.9   494.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.10454E-02  370688.6 3809660.6   494.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.10454E-02  370697.1 3809655.3   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0001241         0   0.10454E-02  370705.6 3809650.1   495.0     5.00     4.65
4.65     YES                    NO
 L0001242         0   0.10454E-02  370714.1 3809644.8   495.2     5.00     4.65
4.65     YES                    NO
 L0001243         0   0.10454E-02  370722.6 3809639.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001244         0   0.10454E-02  370731.1 3809634.2   495.6     5.00     4.65
4.65     YES                    NO
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 L0001245         0   0.10454E-02  370739.6 3809629.0   495.8     5.00     4.65
4.65     YES                  NO
 L0001246         0   0.10454E-02  370748.1 3809623.7   496.0     5.00     4.65
4.65     YES                  NO
 L0001247         0   0.10454E-02  370756.6 3809618.4   496.2     5.00     4.65
4.65     YES                  NO
 L0001248         0   0.10454E-02  370765.1 3809613.1   496.4     5.00     4.65
4.65     YES                  NO
 L0001249         0   0.10454E-02  370773.6 3809607.8   496.6     5.00     4.65
4.65     YES                  NO
 L0001250         0   0.10454E-02  370782.1 3809602.6   496.7     5.00     4.65
4.65     YES                  NO
 L0001251         0   0.10454E-02  370790.5 3809597.3   496.9     5.00     4.65
4.65     YES                  NO
 L0001252         0   0.10454E-02  370799.0 3809592.0   497.1     5.00     4.65
4.65     YES                  NO
 L0001253         0   0.10454E-02  370807.5 3809586.7   497.3     5.00     4.65
4.65     YES                  NO
 L0001254         0   0.10454E-02  370816.0 3809581.5   497.5     5.00     4.65
4.65     YES                  NO
 L0001255         0   0.10454E-02  370824.5 3809576.2   497.7     5.00     4.65
4.65     YES                  NO
 L0001256         0   0.10454E-02  370833.0 3809570.9   497.9     5.00     4.65
4.65     YES                  NO
 L0001257         0   0.10454E-02  370841.5 3809565.6   498.1     5.00     4.65
4.65     YES                  NO
 L0001258         0   0.10454E-02  370850.6 3809562.3   498.2     5.00     4.65
4.65     YES                  NO
 L0001259         0   0.10454E-02  370860.6 3809562.3   498.0     5.00     4.65
4.65     YES                  NO
 L0001260         0   0.10454E-02  370870.6 3809562.3   497.9     5.00     4.65
4.65     YES                  NO
 L0001261         0   0.10454E-02  370880.6 3809562.3   497.7     5.00     4.65
4.65     YES                  NO
 L0001262         0   0.10454E-02  370890.6 3809562.3   497.6     5.00     4.65
4.65     YES                  NO
 L0001263         0   0.10454E-02  370900.6 3809562.3   497.4     5.00     4.65
4.65     YES                  NO
 L0001264         0   0.10454E-02  370910.6 3809562.3   497.3     5.00     4.65
4.65     YES                  NO
 L0001265         0   0.10454E-02  370920.6 3809562.3   497.1     5.00     4.65
4.65     YES                  NO
 L0001266         0   0.10454E-02  370930.6 3809562.3   497.0     5.00     4.65
4.65     YES                  NO
 L0001267         0   0.10454E-02  370940.6 3809562.3   496.8     5.00     4.65
4.65     YES                  NO
 L0001268         0   0.10454E-02  370950.6 3809562.3   496.7     5.00     4.65
4.65     YES                  NO
 L0001269         0   0.10454E-02  370960.6 3809562.3   496.5     5.00     4.65
4.65     YES                  NO
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 L0001270   0   0.10454E-02 370968.8 3809564.0   496.4   5.00   4.65
4.65   YES   NO
 L0001271   0   0.10454E-02 370968.7 3809574.0   496.2   5.00   4.65
4.65   YES   NO
 L0001272   0   0.10454E-02 370968.7 3809584.0   495.9   5.00   4.65
4.65   YES   NO
 L0001273   0   0.10454E-02 370968.6 3809594.0   495.7   5.00   4.65
4.65   YES   NO
 L0001274   0   0.10454E-02 370968.5 3809604.0   495.4   5.00   4.65
4.65   YES   NO
 L0001275   0   0.10454E-02 370968.5 3809614.0   495.2   5.00   4.65
4.65   YES   NO
 L0001276   0   0.10454E-02 370968.4 3809624.0   495.0   5.00   4.65
4.65   YES   NO
 L0001277   0   0.10454E-02 370968.4 3809634.0   494.7   5.00   4.65
4.65   YES   NO
 L0001278   0   0.10454E-02 370968.3 3809644.0   494.5   5.00   4.65
4.65   YES   NO
 L0001279   0   0.10454E-02 370968.2 3809654.0   494.3   5.00   4.65
4.65   YES   NO
 L0001280   0   0.10454E-02 370968.2 3809664.0   494.0   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

L0001285	0	0.10454E-02	370967.9	3809714.0	492.9	5.00	4.65	
4.65	YES	NO						
L0001286	0	0.10454E-02	370967.8	3809724.0	492.6	5.00	4.65	
4.65	YES	NO						
L0001287	0	0.10454E-02	370967.7	3809734.0	492.4	5.00	4.65	
4.65	YES	NO						
L0001288	0	0.10454E-02	370967.7	3809744.0	492.2	5.00	4.65	
4.65	YES	NO						
L0001289	0	0.10454E-02	370967.6	3809754.0	491.9	5.00	4.65	
4.65	YES	NO						
L0001290	0	0.10454E-02	370967.5	3809764.0	491.7	5.00	4.65	
4.65	YES	NO						
L0001291	0	0.10454E-02	370967.5	3809774.0	491.5	5.00	4.65	
4.65	YES	NO						
L0001292	0	0.10454E-02	370967.4	3809784.0	491.2	5.00	4.65	
4.65	YES	NO						
L0001293	0	0.10454E-02	370967.4	3809794.0	491.0	5.00	4.65	
4.65	YES	NO						
L0001294	0	0.10454E-02	370967.3	3809804.0	490.8	5.00	4.65	
4.65	YES	NO						
L0001295	0	0.10454E-02	370967.2	3809814.0	490.5	5.00	4.65	
4.65	YES	NO						
L0001296	0	0.10454E-02	370967.2	3809824.0	490.3	5.00	4.65	
4.65	YES	NO						
L0001297	0	0.10454E-02	370967.1	3809834.0	490.1	5.00	4.65	
4.65	YES	NO						
L0001298	0	0.10454E-02	370967.0	3809844.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001299	0	0.10454E-02	370960.6	3809846.2	489.8	5.00	4.65	
4.65	YES	NO						
L0001300	0	0.10454E-02	370950.8	3809844.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001301	0	0.10454E-02	370940.9	3809842.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001302	0	0.10454E-02	370931.1	3809840.4	490.0	5.00	4.65	
4.65	YES	NO						
L0001303	0	0.10454E-02	370921.3	3809838.5	490.1	5.00	4.65	
4.65	YES	NO						
L0001304	0	0.10454E-02	370911.5	3809836.5	490.2	5.00	4.65	
4.65	YES	NO						
L0001305	0	0.10454E-02	370901.7	3809834.6	490.2	5.00	4.65	
4.65	YES	NO						
L0001306	0	0.10454E-02	370891.9	3809832.7	490.3	5.00	4.65	
4.65	YES	NO						
L0001307	0	0.10454E-02	370882.1	3809830.7	490.4	5.00	4.65	
4.65	YES	NO						
L0001308	0	0.10454E-02	370872.3	3809828.8	490.4	5.00	4.65	
4.65	YES	NO						
L0001309	0	0.10454E-02	370862.5	3809826.9	490.5	5.00	4.65	
4.65	YES	NO						

```
 L0001310         0   0.10454E-02  370852.6 3809824.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001311         0   0.10454E-02  370842.8 3809823.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001312         0   0.10454E-02  370833.0 3809821.1   490.7     5.00     4.65
4.65     YES                    NO
 L0001313         0   0.10454E-02  370823.2 3809819.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001314         0   0.10454E-02  370813.4 3809817.2   490.9     5.00     4.65
4.65     YES                    NO
 L0001315         0   0.10454E-02  370803.6 3809815.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001316         0   0.10454E-02  370793.8 3809813.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001317         0   0.10454E-02  370784.0 3809811.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001318         0   0.10454E-02  370774.1 3809809.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001319         0   0.10454E-02  370764.3 3809807.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001320         0   0.10454E-02  370754.5 3809805.6   491.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001321         0   0.10454E-02  370744.7 3809803.7   491.4     5.00     4.65
4.65     YES                    NO
 L0001322         0   0.10454E-02  370734.9 3809801.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001323         0   0.10454E-02  370726.3 3809797.4   491.6     5.00     4.65
4.65     YES                    NO
 L0001324         0   0.10454E-02  370718.8 3809790.8   491.7     5.00     4.65
4.65     YES                    NO
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L0001325	0	0.10454E-02	370711.2	3809784.2	491.9	5.00	4.65	4.65
YES		NO						
L0001326	0	0.10454E-02	370703.7	3809777.7	492.0	5.00	4.65	4.65
YES		NO						
L0001327	0	0.10454E-02	370696.1	3809771.1	492.1	5.00	4.65	4.65
YES		NO						
L0001328	0	0.10454E-02	370688.6	3809764.5	492.3	5.00	4.65	4.65
YES		NO						
L0001329	0	0.10454E-02	370681.1	3809757.9	492.4	5.00	4.65	4.65
YES		NO						
L0001330	0	0.10454E-02	370673.5	3809751.4	492.6	5.00	4.65	4.65
YES		NO						
L0001331	0	0.10454E-02	370666.0	3809744.8	492.7	5.00	4.65	4.65
YES		NO						
L0001332	0	0.10454E-02	370662.3	3809738.4	492.9	5.00	4.65	4.65
YES		NO						
L0001333	0	0.10454E-02	370670.4	3809732.5	493.1	5.00	4.65	4.65
YES		NO						
L0001334	0	0.10454E-02	370678.5	3809726.6	493.4	5.00	4.65	4.65
YES		NO						
L0001335	0	0.10454E-02	370686.6	3809720.7	493.6	5.00	4.65	4.65
YES		NO						
L0001336	0	0.10454E-02	370694.6	3809714.8	493.8	5.00	4.65	4.65
YES		NO						
L0001337	0	0.10454E-02	370702.7	3809708.9	494.1	5.00	4.65	4.65
YES		NO						
L0001338	0	0.10454E-02	370710.8	3809703.0	494.3	5.00	4.65	4.65
YES		NO						
L0001339	0	0.10454E-02	370718.9	3809697.1	494.5	5.00	4.65	4.65
YES		NO						
L0001340	0	0.10454E-02	370727.0	3809691.2	494.8	5.00	4.65	4.65
YES		NO						
L0001341	0	0.10454E-02	370735.0	3809685.3	495.0	5.00	4.65	4.65
YES		NO						
L0001342	0	0.10454E-02	370743.1	3809679.4	495.3	5.00	4.65	4.65
YES		NO						
L0001343	0	0.10454E-02	370751.2	3809673.6	495.5	5.00	4.65	4.65
YES		NO						
L0001344	0	0.10454E-02	370759.3	3809667.7	495.7	5.00	4.65	4.65
YES		NO						
L0001345	0	0.10454E-02	370767.3	3809661.8	496.0	5.00	4.65	4.65
YES		NO						
L0001346	0	0.10454E-02	370775.4	3809655.9	496.2	5.00	4.65	4.65
YES		NO						
L0001347	0	0.10454E-02	370783.5	3809650.0	496.4	5.00	4.65	4.65
YES		NO						
L0001348	0	0.10454E-02	370791.6	3809644.1	496.7	5.00	4.65	4.65
YES		NO						
L0001349	0	0.10454E-02	370800.2	3809639.0	496.8	5.00	4.65	4.65
YES		NO						

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 L0001350         0   0.10454E-02  370808.9 3809634.1   496.8     5.00     4.65
4.65     YES                    NO
 L0001351         0   0.10454E-02  370817.6 3809629.1   496.9     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.10454E-02  370826.3 3809624.2   496.9     5.00     4.65
4.65     YES                    NO
 L0001353         0   0.10454E-02  370835.0 3809619.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001354         0   0.10454E-02  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.10454E-02  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.10454E-02  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.10454E-02  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.10454E-02  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.10454E-02  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.10454E-02  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001361         0   0.10454E-02  370907.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 L0001362         0   0.10454E-02  370917.1 3809589.2   497.1     5.00     4.65
4.65     YES                    NO
 L0001363         0   0.10454E-02  370927.1 3809589.2   497.0     5.00     4.65
4.65     YES                    NO
 L0001364         0   0.10454E-02  370936.5 3809589.7   496.9     5.00     4.65
4.65     YES                    NO
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L0001365	0	0.10454E-02	370936.4	3809599.7	496.6	5.00	4.65	
4.65	YES	NO						
L0001366	0	0.10454E-02	370936.2	3809609.7	496.3	5.00	4.65	
4.65	YES	NO						
L0001367	0	0.10454E-02	370936.0	3809619.7	496.1	5.00	4.65	
4.65	YES	NO						
L0001368	0	0.10454E-02	370935.9	3809629.7	495.8	5.00	4.65	
4.65	YES	NO						
L0001369	0	0.10454E-02	370935.7	3809639.7	495.5	5.00	4.65	
4.65	YES	NO						
L0001370	0	0.10454E-02	370935.6	3809649.7	495.2	5.00	4.65	
4.65	YES	NO						
L0001371	0	0.10454E-02	370935.4	3809659.7	494.9	5.00	4.65	
4.65	YES	NO						
L0001372	0	0.10454E-02	370935.2	3809669.7	494.6	5.00	4.65	
4.65	YES	NO						
L0001373	0	0.10454E-02	370935.1	3809679.7	494.4	5.00	4.65	
4.65	YES	NO						
L0001374	0	0.10454E-02	370934.9	3809689.7	494.1	5.00	4.65	
4.65	YES	NO						
L0001375	0	0.10454E-02	370934.8	3809699.7	493.8	5.00	4.65	
4.65	YES	NO						
L0001376	0	0.10454E-02	370934.6	3809709.7	493.5	5.00	4.65	
4.65	YES	NO						
L0001377	0	0.10454E-02	370934.4	3809719.7	493.2	5.00	4.65	
4.65	YES	NO						
L0001378	0	0.10454E-02	370934.3	3809729.7	492.9	5.00	4.65	
4.65	YES	NO						
L0001379	0	0.10454E-02	370934.1	3809739.7	492.6	5.00	4.65	
4.65	YES	NO						
L0001380	0	0.10454E-02	370934.0	3809749.7	492.4	5.00	4.65	
4.65	YES	NO						
L0001381	0	0.10454E-02	370933.8	3809759.7	492.1	5.00	4.65	
4.65	YES	NO						
L0001382	0	0.10454E-02	370933.6	3809769.7	491.8	5.00	4.65	
4.65	YES	NO						
L0001383	0	0.10454E-02	370933.5	3809779.7	491.5	5.00	4.65	
4.65	YES	NO						
L0001384	0	0.10454E-02	370933.3	3809789.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001385	0	0.10454E-02	370933.2	3809799.7	490.9	5.00	4.65	
4.65	YES	NO						
L0001386	0	0.10454E-02	370933.0	3809809.7	490.7	5.00	4.65	
4.65	YES	NO						
L0001387	0	0.10454E-02	370926.8	3809811.9	490.6	5.00	4.65	
4.65	YES	NO						
L0001388	0	0.10454E-02	370917.1	3809809.5	490.7	5.00	4.65	
4.65	YES	NO						
L0001389	0	0.10454E-02	370907.4	3809807.1	490.8	5.00	4.65	
4.65	YES	NO						

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 L0001390         0   0.10454E-02  370897.7 3809804.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001391         0   0.10454E-02  370888.0 3809802.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001392         0   0.10454E-02  370878.3 3809800.0   491.2     5.00     4.65
4.65     YES                    NO
 L0001393         0   0.10454E-02  370868.5 3809797.6   491.3     5.00     4.65
4.65     YES                    NO
 L0001394         0   0.10454E-02  370858.8 3809795.2   491.4     5.00     4.65
4.65     YES                    NO
 L0001395         0   0.10454E-02  370849.1 3809792.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001396         0   0.10454E-02  370839.4 3809790.5   491.6     5.00     4.65
4.65     YES                    NO
 L0001397         0   0.10454E-02  370829.7 3809788.1   491.7     5.00     4.65
4.65     YES                    NO
 L0001398         0   0.10454E-02  370820.0 3809785.7   491.8     5.00     4.65
4.65     YES                    NO
 L0001399         0   0.10454E-02  370810.3 3809783.3   491.9     5.00     4.65
4.65     YES                    NO
 L0001400         0   0.10454E-02  370800.6 3809780.9   492.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001401         0   0.10454E-02  370790.8 3809778.6   492.2     5.00     4.65
4.65     YES                    NO
 L0001402         0   0.10454E-02  370781.1 3809776.2   492.3     5.00     4.65
4.65     YES                    NO
 L0001403         0   0.10454E-02  370771.4 3809773.8   492.4     5.00     4.65
4.65     YES                    NO
 L0001404         0   0.10454E-02  370761.7 3809771.4   492.5     5.00     4.65
4.65     YES                    NO
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L0001405	0	0.10454E-02	370752.0	3809769.0	492.6	5.00	4.65	
4.65	YES	NO						
L0001406	0	0.10454E-02	370744.9	3809762.4	492.8	5.00	4.65	
4.65	YES	NO						
L0001407	0	0.10454E-02	370738.5	3809754.8	493.0	5.00	4.65	
4.65	YES	NO						
L0001408	0	0.10454E-02	370732.1	3809747.1	493.2	5.00	4.65	
4.65	YES	NO						
L0001409	0	0.10454E-02	370733.8	3809737.3	493.2	5.00	4.65	
4.65	YES	NO						
L0001410	0	0.10454E-02	370735.6	3809727.4	493.2	5.00	4.65	
4.65	YES	NO						
L0001411	0	0.10454E-02	370743.9	3809721.9	493.4	5.00	4.65	
4.65	YES	NO						
L0001412	0	0.10454E-02	370752.3	3809716.4	493.5	5.00	4.65	
4.65	YES	NO						
L0001413	0	0.10454E-02	370760.7	3809710.9	493.6	5.00	4.65	
4.65	YES	NO						
L0001414	0	0.10454E-02	370769.0	3809705.5	493.8	5.00	4.65	
4.65	YES	NO						
L0001415	0	0.10454E-02	370777.4	3809700.0	493.9	5.00	4.65	
4.65	YES	NO						
L0001416	0	0.10454E-02	370785.7	3809694.5	494.0	5.00	4.65	
4.65	YES	NO						
L0001417	0	0.10454E-02	370794.1	3809689.0	494.2	5.00	4.65	
4.65	YES	NO						
L0001418	0	0.10454E-02	370802.5	3809683.5	494.3	5.00	4.65	
4.65	YES	NO						
L0001419	0	0.10454E-02	370810.8	3809678.1	494.4	5.00	4.65	
4.65	YES	NO						
L0001420	0	0.10454E-02	370819.2	3809672.6	494.5	5.00	4.65	
4.65	YES	NO						
L0001421	0	0.10454E-02	370827.6	3809667.1	494.7	5.00	4.65	
4.65	YES	NO						
L0001422	0	0.10454E-02	370835.9	3809661.6	494.8	5.00	4.65	
4.65	YES	NO						
L0001423	0	0.10454E-02	370844.3	3809656.2	494.9	5.00	4.65	
4.65	YES	NO						
L0001424	0	0.10454E-02	370852.7	3809650.7	495.1	5.00	4.65	
4.65	YES	NO						
L0001425	0	0.10454E-02	370861.0	3809645.2	495.2	5.00	4.65	
4.65	YES	NO						
L0001426	0	0.10454E-02	370869.4	3809639.7	495.3	5.00	4.65	
4.65	YES	NO						
L0001427	0	0.10454E-02	370877.8	3809634.2	495.5	5.00	4.65	
4.65	YES	NO						
L0001428	0	0.10454E-02	370886.1	3809628.8	495.6	5.00	4.65	
4.65	YES	NO						
L0001429	0	0.10454E-02	370895.6	3809625.6	496.2	5.00	4.65	
4.65	YES	NO						

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 L0001430         0   0.10454E-02  370902.4 3809626.1   496.5     5.00     4.65
4.65     YES                    NO
 L0001431         0   0.10454E-02  370902.4 3809636.1   496.2     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.10454E-02  370902.4 3809646.1   495.9     5.00     4.65
4.65     YES                    NO
 L0001433         0   0.10454E-02  370902.4 3809656.1   495.6     5.00     4.65
4.65     YES                    NO
 L0001434         0   0.10454E-02  370902.4 3809666.1   495.3     5.00     4.65
4.65     YES                    NO
 L0001435         0   0.10454E-02  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.10454E-02  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.10454E-02  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.10454E-02  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.10454E-02  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.10454E-02  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0001441         0   0.10454E-02  370902.4 3809736.1   493.0     5.00     4.65
4.65     YES                    NO
 L0001442         0   0.10454E-02  370902.4 3809746.1   492.7     5.00     4.65
4.65     YES                    NO
 L0001443         0   0.10454E-02  370902.4 3809756.1   492.4     5.00     4.65
4.65     YES                    NO
 L0001444         0   0.10454E-02  370902.4 3809766.1   492.1     5.00     4.65
4.65     YES                    NO
```

L0001445	0	0.10454E-02	370902.4	3809776.1	491.8	5.00	4.65	
4.65	YES	NO						
L0001446	0	0.10454E-02	370895.9	3809777.9	491.7	5.00	4.65	
4.65	YES	NO						
L0001447	0	0.10454E-02	370886.1	3809775.7	491.8	5.00	4.65	
4.65	YES	NO						
L0001448	0	0.10454E-02	370876.3	3809773.6	491.9	5.00	4.65	
4.65	YES	NO						
L0001449	0	0.10454E-02	370866.6	3809771.4	492.0	5.00	4.65	
4.65	YES	NO						
L0001450	0	0.10454E-02	370856.8	3809769.2	492.1	5.00	4.65	
4.65	YES	NO						
L0001451	0	0.10454E-02	370847.0	3809767.1	492.2	5.00	4.65	
4.65	YES	NO						
L0001452	0	0.10454E-02	370837.3	3809764.9	492.3	5.00	4.65	
4.65	YES	NO						
L0001453	0	0.10454E-02	370827.5	3809762.8	492.4	5.00	4.65	
4.65	YES	NO						
L0001454	0	0.10454E-02	370817.7	3809760.6	492.5	5.00	4.65	
4.65	YES	NO						
L0001455	0	0.10454E-02	370808.0	3809758.5	492.6	5.00	4.65	
4.65	YES	NO						
L0001456	0	0.10454E-02	370798.2	3809756.3	492.7	5.00	4.65	
4.65	YES	NO						
L0001457	0	0.10454E-02	370788.4	3809754.2	492.8	5.00	4.65	
4.65	YES	NO						
L0001458	0	0.10454E-02	370781.4	3809750.8	492.9	5.00	4.65	
4.65	YES	NO						
L0001459	0	0.10454E-02	370786.5	3809742.2	493.1	5.00	4.65	
4.65	YES	NO						
L0001460	0	0.10454E-02	370791.5	3809733.5	493.4	5.00	4.65	
4.65	YES	NO						
L0001461	0	0.10454E-02	370798.7	3809726.9	493.6	5.00	4.65	
4.65	YES	NO						
L0001462	0	0.10454E-02	370807.0	3809721.2	493.7	5.00	4.65	
4.65	YES	NO						
L0001463	0	0.10454E-02	370815.2	3809715.5	493.9	5.00	4.65	
4.65	YES	NO						
L0001464	0	0.10454E-02	370823.4	3809709.8	494.1	5.00	4.65	
4.65	YES	NO						
L0001465	0	0.10454E-02	370831.6	3809704.1	494.2	5.00	4.65	
4.65	YES	NO						
L0001466	0	0.10454E-02	370839.8	3809698.4	494.4	5.00	4.65	
4.65	YES	NO						
L0001467	0	0.10454E-02	370848.0	3809692.7	494.5	5.00	4.65	
4.65	YES	NO						
L0001468	0	0.10454E-02	370856.2	3809687.0	494.7	5.00	4.65	
4.65	YES	NO						
L0001469	0	0.10454E-02	370864.4	3809681.2	494.9	5.00	4.65	
4.65	YES	NO						

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 L0001470         0   0.10454E-02  370872.6 3809675.5   495.0     5.00     4.65
4.65     YES                    NO
 L0001471         0   0.10454E-02  370875.5 3809679.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.10454E-02  370875.5 3809689.9   494.6     5.00     4.65
4.65     YES                    NO
 L0001473         0   0.10454E-02  370875.5 3809699.9   494.3     5.00     4.65
4.65     YES                    NO
 L0001474         0   0.10454E-02  370875.5 3809709.9   494.0     5.00     4.65
4.65     YES                    NO
 L0001475         0   0.10454E-02  370875.5 3809719.9   493.7     5.00     4.65
4.65     YES                    NO
 L0001476         0   0.10454E-02  370875.5 3809729.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001477         0   0.10454E-02  370875.5 3809739.9   493.2     5.00     4.65
4.65     YES                    NO
 L0001478         0   0.10454E-02  370869.1 3809743.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001479         0   0.10454E-02  370859.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001480         0   0.10454E-02  370849.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

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L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

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L0000046    , L0000047    , L0000048    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
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L0000318    , L0000319    , L0000320    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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             L0000321    , L0000322    , L0000323    , L0000324    , L0000325    ,
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L0000358    , L0000359    , L0000360    ,
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 ,
	L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000504 ,
	L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 ,

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L0000710    , L0000711    , L0000712    ,

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L0000726    , L0000727    , L0000728    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
	L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
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	L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
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	L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,
	L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,
	L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,
	L0000913 , L0000914 , L0000915 , L0000916 , L0000917 ,

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L0000942   , L0000943   , L0000944   ,

             L0000945   , L0000946   , L0000947   , L0000948   , L0000949   ,
L0000950   , L0000951   , L0000952   ,

             L0000953   , L0000954   , L0000955   , L0000956   , L0000957   ,
L0000958   , L0000959   , L0000960   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000961   , L0000962   , L0000963   , L0000964   , L0000965   ,
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L0000974   , L0000975   , L0000976   ,

             L0000977   , L0000978   , L0000979   , L0000980   , L0000981   ,
L0000982   , L0000983   , L0000984   ,

             L0000985   , L0000986   , L0000987   , L0000988   , L0000989   ,
L0000990   , L0000991   , L0000992   ,

             L0000993   , L0000994   , L0000995   , L0000996   , L0000997   ,
L0000998   , L0000999   , L0001000   ,

             L0001001   , L0001002   , L0001003   , L0001004   , L0001005   ,
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L0001030    , L0001031    , L0001032    ,

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L0001038    , L0001039    , L0001040    ,

             L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
L0001046    , L0001047    , L0001048    ,

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L0001062    , L0001063    , L0001064    ,

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L0001078    , L0001079    , L0001080    ,

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L0001118    , L0001119    , L0001120    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
	L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 ,
	L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,
	L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,
	L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,
	L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,
	L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,
	L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,
	L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,
	L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,
	L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,
	L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,
	L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 ,
	L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 ,
	L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 , L0001232 ,
	L0001233 , L0001234 , L0001235 , L0001236 , L0001237 , L0001238 , L0001239 , L0001240 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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L0001297 , L0001298 , L0001299 , L0001300 , L0001301 , L0001302 , L0001303 , L0001304 ,	
L0001305 , L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 ,	
L0001313 , L0001314 , L0001315 , L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,	
L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,	
L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,	

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             L0001377    , L0001378    , L0001379    , L0001380    , L0001381    ,
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L0001398    , L0001399    , L0001400    ,

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L0001406    , L0001407    , L0001408    ,

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L0001414    , L0001415    , L0001416    ,

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L0001422    , L0001423    , L0001424    ,

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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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L0000005   , L0000006   , L0000007   ,
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            L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   ,

            L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   ,

            L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
L0000030   , L0000031   , L0000032   ,

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L0000038   , L0000039   , L0000040   ,

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L0000094   , L0000095   , L0000096   ,

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L0000110   , L0000111   , L0000112   ,

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L0000158   , L0000159   , L0000160   ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
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		L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
		L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
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		L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
		L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
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		L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,
		L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

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L0000294    , L0000295    , L0000296    ,

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L0000302    , L0000303    , L0000304    ,

             L0000305    , L0000306    , L0000307    , L0000308    , L0000309    ,
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L0000446    , L0000447    , L0000448    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 ,
		L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 ,
		L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000504 ,
		L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,
		L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 ,
		L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
		L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 , L0000536 ,
		L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 ,
		L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 ,
		L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 ,
		L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 ,
		L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 ,
		L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
		L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0000641 , L0000642 , L0000643 , L0000644 , L0000645 ,
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L0000670 , L0000671 , L0000672 ,

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L0000718   , L0000719   , L0000720   ,

             L0000721   , L0000722   , L0000723   , L0000724   , L0000725   ,
L0000726   , L0000727   , L0000728   ,

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L0000734   , L0000735   , L0000736   ,

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L0000742   , L0000743   , L0000744   ,

             L0000745   , L0000746   , L0000747   , L0000748   , L0000749   ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
		L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
		L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
		L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
		L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,
		L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 ,
		L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,
		L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,
		L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 ,
		L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,
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L0000950    , L0000951    , L0000952    ,

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L0000958    , L0000959    , L0000960    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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             L0000969    , L0000970    , L0000971    , L0000972    , L0000973    ,
L0000974    , L0000975    , L0000976    ,

             L0000977    , L0000978    , L0000979    , L0000980    , L0000981    ,
L0000982    , L0000983    , L0000984    ,

             L0000985    , L0000986    , L0000987    , L0000988    , L0000989    ,
L0000990    , L0000991    , L0000992    ,

             L0000993    , L0000994    , L0000995    , L0000996    , L0000997    ,
L0000998    , L0000999    , L0001000    ,

             L0001001    , L0001002    , L0001003    , L0001004    , L0001005    ,
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             L0001009    , L0001010    , L0001011    , L0001012    , L0001013    ,
L0001014    , L0001015    , L0001016    ,

             L0001017    , L0001018    , L0001019    , L0001020    , L0001021    ,
L0001022    , L0001023    , L0001024    ,

             L0001025    , L0001026    , L0001027    , L0001028    , L0001029    ,
L0001030    , L0001031    , L0001032    ,

             L0001033    , L0001034    , L0001035    , L0001036    , L0001037    ,
L0001038    , L0001039    , L0001040    ,

             L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
L0001046    , L0001047    , L0001048    ,

             L0001049    , L0001050    , L0001051    , L0001052    , L0001053    ,
L0001054    , L0001055    , L0001056    ,

             L0001057    , L0001058    , L0001059    , L0001060    , L0001061    ,
L0001062    , L0001063    , L0001064    ,

             L0001065    , L0001066    , L0001067    , L0001068    , L0001069    ,
L0001070    , L0001071    , L0001072    ,

             L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
L0001078    , L0001079    , L0001080    ,

             L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
L0001086    , L0001087    , L0001088    ,

             L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
L0001094    , L0001095    , L0001096    ,

             L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
L0001102    , L0001103    , L0001104    ,

             L0001105    , L0001106    , L0001107    , L0001108    , L0001109    ,
L0001110    , L0001111    , L0001112    ,

             L0001113    , L0001114    , L0001115    , L0001116    , L0001117    ,
L0001118    , L0001119    , L0001120    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,
		L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,
		L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,
		L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,
		L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,
		L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,
		L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,
		L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,
		L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,
		L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,
		L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 ,
		L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 ,
		L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 , L0001232 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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L0001297 , L0001298 , L0001299 , L0001300 , L0001301 ,
L0001302 , L0001303 , L0001304 ,

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L0001310 , L0001311 , L0001312 ,

L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
L0001318 , L0001319 , L0001320 ,

L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,

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L0001342    , L0001343    , L0001344    ,

             L0001345    , L0001346    , L0001347    , L0001348    , L0001349    ,
L0001350    , L0001351    , L0001352    ,

             L0001353    , L0001354    , L0001355    , L0001356    , L0001357    ,
L0001358    , L0001359    , L0001360    ,

             L0001361    , L0001362    , L0001363    , L0001364    , L0001365    ,
L0001366    , L0001367    , L0001368    ,

             L0001369    , L0001370    , L0001371    , L0001372    , L0001373    ,
L0001374    , L0001375    , L0001376    ,

             L0001377    , L0001378    , L0001379    , L0001380    , L0001381    ,
L0001382    , L0001383    , L0001384    ,

             L0001385    , L0001386    , L0001387    , L0001388    , L0001389    ,
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             L0001393    , L0001394    , L0001395    , L0001396    , L0001397    ,
L0001398    , L0001399    , L0001400    ,

             L0001401    , L0001402    , L0001403    , L0001404    , L0001405    ,
L0001406    , L0001407    , L0001408    ,

             L0001409    , L0001410    , L0001411    , L0001412    , L0001413    ,
L0001414    , L0001415    , L0001416    ,

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L0001422    , L0001423    , L0001424    ,

             L0001425    , L0001426    , L0001427    , L0001428    , L0001429    ,
L0001430    , L0001431    , L0001432    ,

             L0001433    , L0001434    , L0001435    , L0001436    , L0001437    ,
L0001438    , L0001439    , L0001440    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,

L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,

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L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 ,

L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370795.7, 3808683.7, 533.8, 1482.1, 0.0); (370772.5, 3808674.5, 533.1, 1482.1, 0.0);
(370799.8, 3808653.9, 533.1, 1482.1, 0.0); (370749.3, 3808665.2, 532.8, 1482.1, 0.0);
(370767.6, 3808645.4, 532.3, 1482.1, 0.0); (370788.8, 3808631.5, 532.8, 1482.1, 0.0);
(370815.6, 3808629.1, 534.3, 1482.1, 0.0); (370726.1, 3808655.9, 533.5, 1482.1, 0.0);
(370744.4, 3808636.1, 533.5, 1482.1, 0.0); (370762.7, 3808616.4, 533.5, 1482.1, 0.0);
(370786.7, 3808608.2, 534.4, 1482.1, 0.0); (370813.5, 3808605.8, 536.0, 1482.1, 0.0);
(370633.2, 3808618.8, 536.2, 1482.1, 0.0); (370651.5, 3808599.0, 538.8, 1482.1, 0.0);
(370669.8, 3808579.3, 539.8, 1482.1, 0.0); (370688.1,

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     ( 370760.5, 3808516.9,     547.8,    1482.1,       0.0);         ( 370787.3,
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     ( 370814.1, 3808512.1,     546.6,    1482.1,       0.0);         ( 370841.0,
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     ( 370540.4, 3808581.7,     537.2,    1482.1,       0.0);         ( 370558.7,
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     ( 370850.5, 3808415.1,     540.3,    1482.1,       0.0);         ( 370877.3,
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     ( 370593.9, 3808386.6,     524.9,    1482.1,       0.0);         ( 370612.2,
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     ( 370630.5, 3808347.1,     530.9,    1482.1,       0.0);         ( 370654.5,
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     ( 370788.6, 3808326.9,     524.7,    1482.1,       0.0);         ( 370815.4,
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     (370280.1, 3808450.6,   514.9,   1482.1,   0.0);   (370298.4,
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     (370316.7, 3808411.1,   507.6,   1482.1,   0.0);   (370335.0,
3808391.4,   508.7,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370353.3, 3808371.6,   509.0,   1482.1,   0.0);   (370371.6,
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     (370389.9, 3808332.1,   519.8,   1482.1,   0.0);   (370408.2,
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     (370426.5, 3808292.6,   522.6,   1482.1,   0.0);   (370444.8,
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     (370721.6, 3808823.7,   517.5,   1482.1,   0.0);   (370740.7,
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     (370702.1, 3808840.3,   510.5,   1482.1,   0.0);   (370692.0,
3808793.3,   523.8,   1482.1,   0.0);
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3808931.2,   506.7,   1482.1,   0.0);
     (370539.5, 3808955.8,   519.0,   1482.1,   0.0);   (370525.8,
3808921.3,   522.2,   1482.1,   0.0);
     (370512.1, 3808886.9,   519.3,   1482.1,   0.0);   (370498.5,
3808852.5,   515.8,   1482.1,   0.0);
     (370493.9, 3808816.9,   519.2,   1482.1,   0.0);   (370498.3,
3808780.1,   527.0,   1482.1,   0.0);
     (370558.6, 3808989.9,   509.7,   1482.1,   0.0);   (370458.0,
3809013.3,   506.8,   1482.1,   0.0);
     (370443.5, 3808976.6,   506.4,   1482.1,   0.0);   (370428.9,
3808939.9,   513.5,   1482.1,   0.0);
     (370414.3, 3808903.1,   520.5,   1482.1,   0.0);   (370399.7,
3808866.4,   526.1,   1482.1,   0.0);
     (370394.8, 3808828.4,   525.0,   1482.1,   0.0);   (370399.6,
3808789.2,   532.2,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370404.4, 3808749.9,   536.4,   1482.1,   0.0);   (370477.6,
3809048.6,   509.5,   1482.1,   0.0);
     (370376.8, 3809071.3,   503.4,   1482.1,   0.0);   (370361.6,
3809033.0,   505.6,   1482.1,   0.0);
     (370346.4, 3808994.8,   514.3,   1482.1,   0.0);   (370331.2,
3808956.5,   516.2,   1482.1,   0.0);
     (370316.0, 3808918.2,   525.9,   1482.1,   0.0);   (370300.9,
3808879.9,   534.4,   1482.1,   0.0);
     (370295.8, 3808840.4,   537.2,   1482.1,   0.0);   (370300.7,
3808799.5,   539.4,   1482.1,   0.0);
     (370305.7, 3808758.6,   531.5,   1482.1,   0.0);   (370310.7,

3808717.8,   526.4,   1482.1,   0.0);
     (370396.7, 3809107.3,   503.2,   1482.1,   0.0);   (370296.1,
3809130.8,   503.2,   1482.1,   0.0);
     (370281.6, 3809094.0,   505.4,   1482.1,   0.0);   (370267.0,
3809057.3,   518.3,   1482.1,   0.0);
     (370252.4, 3809020.5,   516.8,   1482.1,   0.0);   (370237.8,
3808983.8,   522.4,   1482.1,   0.0);
     (370223.2, 3808947.1,   522.1,   1482.1,   0.0);   (370208.7,
3808910.3,   521.0,   1482.1,   0.0);
     (370196.5, 3808854.0,   519.4,   1482.1,   0.0);   (370201.3,
3808814.8,   524.2,   1482.1,   0.0);
     (370206.0, 3808775.5,   520.6,   1482.1,   0.0);   (370210.8,
3808736.3,   520.4,   1482.1,   0.0);
     (370315.7, 3809166.0,   498.8,   1482.1,   0.0);   (370621.8,
3808774.3,   525.1,   1482.1,   0.0);
     (370525.9, 3808746.1,   531.3,   1482.1,   0.0);   (370429.9,
3808717.9,   533.9,   1482.1,   0.0);
     (370334.0, 3808689.7,   531.7,   1482.1,   0.0);   (370238.1,
3808661.5,   520.7,   1482.1,   0.0);
     (370782.0, 3808878.9,   523.0,   1482.1,   0.0);   (370757.1,
3808877.1,   519.4,   1482.1,   0.0);
     (370612.5, 3808816.8,   521.5,   1482.1,   0.0);   (370316.2,
3808779.4,   538.4,   1482.1,   0.0);
     (370228.1, 3808707.5,   521.5,   1482.1,   0.0);   (370773.1,
3808925.1,   516.5,   1482.1,   0.0);
     (370748.5, 3808920.4,   515.8,   1482.1,   0.0);   (370723.9,
3808915.8,   513.4,   1482.1,   0.0);
     (370699.4, 3808911.1,   509.1,   1482.1,   0.0);   (370772.5,
3808952.9,   512.3,   1482.1,   0.0);
     (370772.3, 3808976.2,   510.6,   1482.1,   0.0);   (370772.1,
3808999.6,   509.6,   1482.1,   0.0);
     (370771.9, 3809023.0,   508.7,   1482.1,   0.0);   (370771.8,
3809046.3,   508.0,   1482.1,   0.0);
     (370771.6, 3809069.7,   507.5,   1482.1,   0.0);   (370771.4,
3809093.0,   507.0,   1482.1,   0.0);
     (370771.3, 3809116.4,   506.6,   1482.1,   0.0);   (370771.1,
3809139.7,   507.1,   1482.1,   0.0);
     (370770.9, 3809163.1,   507.8,   1482.1,   0.0);   (370747.5,
3808952.7,   511.4,   1482.1,   0.0);
     (370747.3, 3808976.1,   509.9,   1482.1,   0.0);   (370747.1,
3808999.4,   509.2,   1482.1,   0.0);
     (370747.0, 3809022.8,   508.5,   1482.1,   0.0);   (370746.8,
3809046.1,   507.8,   1482.1,   0.0);
     (370746.6, 3809069.5,   507.3,   1482.1,   0.0);   (370746.4,
3809092.8,   506.8,   1482.1,   0.0);
     (370746.3, 3809116.2,   506.2,   1482.1,   0.0);   (370746.1,
3809139.5,   505.9,   1482.1,   0.0);
     (370745.9, 3809162.9,   505.7,   1482.1,   0.0);   (370722.5,
3808952.5,   510.7,   1482.1,   0.0);
     (370722.3, 3808975.9,   509.3,   1482.1,   0.0);   (370722.1,

3808999.2,   509.0,   1482.1,   0.0);
     (370722.0, 3809022.6,   508.6,   1482.1,   0.0);   (370721.8,
3809045.9,   507.9,   1482.1,   0.0);
     (370721.6, 3809069.3,   507.2,   1482.1,   0.0);   (370721.4,
3809092.6,   506.5,   1482.1,   0.0);
     (370721.3, 3809116.0,   505.9,   1482.1,   0.0);   (370721.1,
3809139.4,   505.3,   1482.1,   0.0);
     (370720.9, 3809162.7,   505.0,   1482.1,   0.0);   (370697.5,
3808952.4,   508.8,   1482.1,   0.0);
     (370697.3, 3808975.7,   508.2,   1482.1,   0.0);   (370697.1,
3808999.1,   508.2,   1482.1,   0.0);
     (370697.0, 3809022.4,   507.9,   1482.1,   0.0);   (370696.8,
3809045.8,   507.5,   1482.1,   0.0);
     (370696.6, 3809069.1,   506.9,   1482.1,   0.0);   (370696.4,
3809092.5,   506.4,   1482.1,   0.0);
     (370696.3, 3809115.8,   506.2,   1482.1,   0.0);   (370696.1,
3809139.2,   505.1,   1482.1,   0.0);
     (370695.9, 3809162.5,   504.6,   1482.1,   0.0);   (370599.4,
3808910.4,   508.4,   1482.1,   0.0);
     (370597.5, 3808951.6,   506.4,   1482.1,   0.0);   (370597.3,
3808975.0,   506.0,   1482.1,   0.0);
     (370597.1, 3808998.3,   505.6,   1482.1,   0.0);   (370597.0,
3809021.7,   505.2,   1482.1,   0.0);
     (370596.8, 3809045.0,   505.0,   1482.1,   0.0);   (370596.6,
3809068.4,   504.6,   1482.1,   0.0);
     (370596.4, 3809091.8,   504.3,   1482.1,   0.0);   (370596.3,
3809115.1,   503.9,   1482.1,   0.0);
     (370596.1, 3809138.4,   503.4,   1482.1,   0.0);   (370595.9,
3809161.8,   503.0,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370499.4, 3808909.6,   520.4,   1482.1,   0.0);   (370497.5,
3808950.9,   514.4,   1482.1,   0.0);
     (370497.3, 3808974.3,   511.0,   1482.1,   0.0);   (370497.1,
3808997.6,   510.7,   1482.1,   0.0);
     (370497.0, 3809021.0,   508.9,   1482.1,   0.0);   (370496.6,
3809067.7,   507.6,   1482.1,   0.0);
     (370496.4, 3809091.0,   507.4,   1482.1,   0.0);   (370496.3,
3809114.4,   507.5,   1482.1,   0.0);
     (370496.1, 3809137.7,   504.6,   1482.1,   0.0);   (370495.9,

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3809161.1,     502.7,    1482.1,       0.0);
     ( 370397.6, 3808926.8,     524.5,    1482.1,       0.0);         ( 370397.5,
3808950.2,     517.7,    1482.1,       0.0);
     ( 370397.3, 3808973.5,     510.1,    1482.1,       0.0);         ( 370397.1,
3808996.9,     506.9,    1482.1,       0.0);
     ( 370397.0, 3809020.2,     505.3,    1482.1,       0.0);         ( 370396.8,
3809043.6,     504.1,    1482.1,       0.0);
     ( 370396.1, 3809137.0,     506.7,    1482.1,       0.0);         ( 370395.9,
3809160.4,     511.0,    1482.1,       0.0);
     ( 370297.5, 3808949.5,     527.4,    1482.1,       0.0);         ( 370297.3,
3808972.8,     526.9,    1482.1,       0.0);
     ( 370297.1, 3808996.2,     527.7,    1482.1,       0.0);         ( 370297.0,
3809019.5,     519.6,    1482.1,       0.0);
     ( 370296.8, 3809042.9,     514.2,    1482.1,       0.0);         ( 370296.6,
3809066.2,     510.3,    1482.1,       0.0);
     ( 370201.8, 3808882.4,     518.7,    1482.1,       0.0);         ( 370197.5,
3808948.7,     517.2,    1482.1,       0.0);
     ( 370197.3, 3808972.1,     517.6,    1482.1,       0.0);         ( 370197.1,
3808995.4,     512.1,    1482.1,       0.0);
     ( 370197.0, 3809018.8,     506.0,    1482.1,       0.0);         ( 370196.8,
3809042.1,     507.4,    1482.1,       0.0);
     ( 370196.6, 3809065.5,     512.7,    1482.1,       0.0);         ( 370196.5,
3809088.8,     506.4,    1482.1,       0.0);
     ( 370196.3, 3809112.2,     506.4,    1482.1,       0.0);         ( 370196.1,
3809135.6,     507.2,    1482.1,       0.0);
     ( 370196.0, 3809158.9,     507.5,    1482.1,       0.0);         ( 370770.9,
3809206.2,     507.7,    1482.1,       0.0);
     ( 370770.9, 3809249.2,     505.4,    1482.1,       0.0);         ( 370745.9,
3809206.2,     505.1,    1482.1,       0.0);
     ( 370745.9, 3809249.2,     504.2,    1482.1,       0.0);         ( 370720.9,
3809206.2,     504.5,    1482.1,       0.0);
     ( 370720.9, 3809249.2,     503.1,    1482.1,       0.0);         ( 370695.9,
3809206.2,     504.1,    1482.1,       0.0);
     ( 370695.9, 3809249.2,     502.5,    1482.1,       0.0);         ( 370595.9,
3809184.7,     502.7,    1482.1,       0.0);
     ( 370595.9, 3809227.7,     502.1,    1482.1,       0.0);         ( 370595.9,
3809270.7,     501.0,    1482.1,       0.0);
     ( 370495.9, 3809184.7,     503.2,    1482.1,       0.0);         ( 370495.9,
3809227.7,     505.8,    1482.1,       0.0);
     ( 370495.9, 3809270.7,     508.1,    1482.1,       0.0);         ( 370395.9,
3809184.7,     514.9,    1482.1,       0.0);
     ( 370395.9, 3809227.7,     506.7,    1482.1,       0.0);         ( 370395.9,
3809270.7,     501.1,    1482.1,       0.0);
     ( 370295.9, 3809184.7,     498.2,    1482.1,       0.0);         ( 370295.9,
3809227.7,     496.5,    1482.1,       0.0);
     ( 370295.9, 3809270.7,     495.5,    1482.1,       0.0);         ( 370195.9,
3809184.7,     505.5,    1482.1,       0.0);
     ( 370195.9, 3809227.7,     499.3,    1482.1,       0.0);         ( 370195.9,
3809270.7,     492.9,    1482.1,       0.0);
     ( 370795.6, 3809245.7,     506.0,    1482.1,       0.0);         ( 370795.2,
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3809220.7,   508.0,   1482.1,   0.0);
     (370794.8, 3809195.7,   508.8,   1482.1,   0.0);   (370794.5,
3809170.7,   508.6,   1482.1,   0.0);
     (370712.0, 3809285.8,   500.9,   1482.1,   0.0);   (370687.2,
3809282.2,   500.8,   1482.1,   0.0);
     (370673.2, 3809245.7,   502.3,   1482.1,   0.0);   (370662.5,
3809278.7,   500.5,   1482.1,   0.0);
     (370648.5, 3809242.2,   502.4,   1482.1,   0.0);   (370664.9,
3809211.7,   503.4,   1482.1,   0.0);
     (370705.5, 3809184.0,   504.5,   1482.1,   0.0);   (370637.7,
3809275.2,   500.1,   1482.1,   0.0);
     (370549.5, 3809228.0,   501.9,   1482.1,   0.0);   (370565.9,
3809197.6,   502.3,   1482.1,   0.0);
     (370623.2, 3809115.2,   504.4,   1482.1,   0.0);   (370655.5,
3809102.7,   505.2,   1482.1,   0.0);
     (370538.7, 3809261.0,   501.4,   1482.1,   0.0);   (370450.5,
3809213.9,   512.0,   1482.1,   0.0);
     (370467.0, 3809183.4,   505.5,   1482.1,   0.0);   (370524.6,
3809076.8,   503.8,   1482.1,   0.0);
     (370557.2, 3809040.1,   504.8,   1482.1,   0.0);   (370621.8,
3809015.2,   505.8,   1482.1,   0.0);
     (370654.0, 3809002.7,   507.1,   1482.1,   0.0);   (370439.7,
3809246.9,   502.4,   1482.1,   0.0);
     (370351.5, 3809199.7,   504.2,   1482.1,   0.0);   (370368.0,
3809169.3,   504.7,   1482.1,   0.0);
     (370417.3, 3809077.9,   503.3,   1482.1,   0.0);   (370433.8,
3809047.4,   503.7,   1482.1,   0.0);
     (370466.7, 3808986.5,   507.3,   1482.1,   0.0);   (370571.8,
3808933.9,   510.7,   1482.1,   0.0);
     (370652.6, 3808902.8,   507.1,   1482.1,   0.0);   (370684.9,
3808890.3,   507.8,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370340.7, 3809232.7,   501.5,   1482.1,   0.0);   (370252.5,
3809185.6,   500.6,   1482.1,   0.0);
     (370269.0, 3809155.1,   502.7,   1482.1,   0.0);   (370326.6,
3809048.5,   507.6,   1482.1,   0.0);
     (370343.0, 3809018.1,   510.9,   1482.1,   0.0);   (370367.7,
3808972.4,   511.9,   1482.1,   0.0);
     (370441.2, 3808883.8,   513.4,   1482.1,   0.0);   (370473.5,

3808871.3,   513.5,   1482.1,   0.0);
     (370521.9, 3808852.6,   520.0,   1482.1,   0.0);   (370554.2,
3808840.2,   529.2,   1482.1,   0.0);
     (370586.5, 3808827.7,   523.2,   1482.1,   0.0);   (370634.9,
3808809.0,   524.9,   1482.1,   0.0);
     (370667.2, 3808796.5,   523.9,   1482.1,   0.0);   (370241.7,
3809218.6,   504.7,   1482.1,   0.0);
     (370153.5, 3809171.4,   495.5,   1482.1,   0.0);   (370170.0,
3809141.0,   499.4,   1482.1,   0.0);
     (370219.3, 3809049.6,   513.5,   1482.1,   0.0);   (370260.5,
3808973.5,   525.8,   1482.1,   0.0);
     (370285.2, 3808927.8,   528.9,   1482.1,   0.0);   (370326.3,
3808851.6,   537.3,   1482.1,   0.0);
     (370358.9, 3808814.9,   531.5,   1482.1,   0.0);   (370423.5,
3808790.0,   532.7,   1482.1,   0.0);
     (370455.8, 3808777.6,   530.7,   1482.1,   0.0);   (370552.7,
3808740.2,   530.5,   1482.1,   0.0);
     (370633.5, 3808709.0,   528.7,   1482.1,   0.0);   (370665.8,
3808696.5,   530.6,   1482.1,   0.0);
     (370142.7, 3809204.4,   494.1,   1482.1,   0.0);   (370715.8,
3809324.1,   502.4,   1482.1,   0.0);
     (370732.3, 3809341.9,   503.0,   1482.1,   0.0);   (370748.8,
3809359.6,   502.8,   1482.1,   0.0);
     (370691.1, 3809320.6,   501.7,   1482.1,   0.0);   (370714.0,
3809358.9,   502.4,   1482.1,   0.0);
     (370730.5, 3809376.6,   502.2,   1482.1,   0.0);   (370672.8,
3809337.6,   501.7,   1482.1,   0.0);
     (370695.7, 3809375.9,   501.7,   1482.1,   0.0);   (370712.2,
3809393.7,   501.7,   1482.1,   0.0);
     (370654.5, 3809354.6,   501.0,   1482.1,   0.0);   (370641.6,
3809313.5,   500.2,   1482.1,   0.0);
     (370677.4, 3809392.9,   501.0,   1482.1,   0.0);   (370693.9,
3809410.7,   500.9,   1482.1,   0.0);
     (370581.2, 3809422.6,   497.9,   1482.1,   0.0);   (370568.3,
3809381.5,   497.5,   1482.1,   0.0);
     (370555.5, 3809340.4,   499.2,   1482.1,   0.0);   (370542.6,
3809299.3,   499.7,   1482.1,   0.0);
     (370604.1, 3809460.9,   498.1,   1482.1,   0.0);   (370507.3,
3809488.8,   495.9,   1482.1,   0.0);
     (370500.3, 3809466.4,   496.1,   1482.1,   0.0);   (370493.3,
3809444.0,   496.1,   1482.1,   0.0);
     (370486.3, 3809421.5,   496.3,   1482.1,   0.0);   (370479.2,
3809399.1,   496.7,   1482.1,   0.0);
     (370472.2, 3809376.7,   496.9,   1482.1,   0.0);   (370465.2,
3809354.3,   496.8,   1482.1,   0.0);
     (370458.2, 3809331.9,   496.6,   1482.1,   0.0);   (370451.2,
3809309.5,   496.8,   1482.1,   0.0);
     (370444.2, 3809287.1,   498.7,   1482.1,   0.0);   (370514.3,
3809511.2,   495.8,   1482.1,   0.0);
     (370530.8, 3809529.0,   496.2,   1482.1,   0.0);   (370434.2,

3809557.3,   494.8,   1482.1,   0.0);
     (370427.3, 3809535.4,   494.0,   1482.1,   0.0);   (370420.5,
3809513.5,   493.9,   1482.1,   0.0);
     (370413.6, 3809491.6,   493.1,   1482.1,   0.0);   (370406.8,
3809469.7,   494.0,   1482.1,   0.0);
     (370399.9, 3809447.8,   494.5,   1482.1,   0.0);   (370393.0,
3809425.8,   494.7,   1482.1,   0.0);
     (370386.2, 3809403.9,   495.0,   1482.1,   0.0);   (370379.3,
3809382.0,   496.5,   1482.1,   0.0);
     (370372.5, 3809360.1,   500.7,   1482.1,   0.0);   (370365.6,
3809338.2,   504.1,   1482.1,   0.0);
     (370358.8, 3809316.2,   505.9,   1482.1,   0.0);   (370351.9,
3809294.3,   506.3,   1482.1,   0.0);
     (370345.0, 3809272.4,   505.9,   1482.1,   0.0);   (370441.0,
3809579.3,   499.4,   1482.1,   0.0);
     (370360.6, 3809624.5,   491.8,   1482.1,   0.0);   (370353.5,
3809601.6,   491.6,   1482.1,   0.0);
     (370346.3, 3809578.8,   491.7,   1482.1,   0.0);   (370339.2,
3809556.0,   491.1,   1482.1,   0.0);
     (370332.0, 3809533.1,   491.9,   1482.1,   0.0);   (370324.9,
3809510.3,   492.5,   1482.1,   0.0);
     (370317.8, 3809487.5,   492.8,   1482.1,   0.0);   (370310.6,
3809464.7,   493.7,   1482.1,   0.0);
     (370303.5, 3809441.8,   497.8,   1482.1,   0.0);   (370296.3,
3809419.0,   502.9,   1482.1,   0.0);
     (370289.2, 3809396.2,   508.5,   1482.1,   0.0);   (370282.0,
3809373.3,   507.8,   1482.1,   0.0);
     (370274.9, 3809350.5,   503.3,   1482.1,   0.0);   (370267.8,
3809327.7,   497.3,   1482.1,   0.0);
     (370260.6, 3809304.8,   493.5,   1482.1,   0.0);   (370253.5,
3809282.0,   494.2,   1482.1,   0.0);
     (370246.3, 3809259.2,   495.4,   1482.1,   0.0);   (370367.8,
3809647.3,   492.5,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370384.3, 3809665.1,   491.4,   1482.1,   0.0);   (370400.8,
3809682.8,   491.2,   1482.1,   0.0);
     (370287.5, 3809692.9,   489.2,   1482.1,   0.0);   (370280.5,
3809670.5,   489.3,   1482.1,   0.0);
     (370273.4, 3809648.1,   489.6,   1482.1,   0.0);   (370266.4,

3809625.7,   489.8,   1482.1,   0.0);
     (370259.4, 3809603.3,   490.2,   1482.1,   0.0);   (370252.4,
3809580.8,   490.8,   1482.1,   0.0);
     (370245.4, 3809558.4,   492.9,   1482.1,   0.0);   (370238.4,
3809536.0,   496.5,   1482.1,   0.0);
     (370231.4, 3809513.6,   501.0,   1482.1,   0.0);   (370224.3,
3809491.2,   502.5,   1482.1,   0.0);
     (370217.3, 3809468.8,   498.0,   1482.1,   0.0);   (370210.3,
3809446.3,   498.6,   1482.1,   0.0);
     (370203.3, 3809423.9,   502.4,   1482.1,   0.0);   (370196.3,
3809401.5,   499.2,   1482.1,   0.0);
     (370189.3, 3809379.1,   492.9,   1482.1,   0.0);   (370182.3,
3809356.7,   490.4,   1482.1,   0.0);
     (370175.3, 3809334.3,   490.8,   1482.1,   0.0);   (370168.2,
3809311.9,   490.9,   1482.1,   0.0);
     (370161.2, 3809289.4,   491.0,   1482.1,   0.0);   (370154.2,
3809267.0,   491.5,   1482.1,   0.0);
     (370147.2, 3809244.6,   492.4,   1482.1,   0.0);   (370294.5,
3809715.3,   489.0,   1482.1,   0.0);
     (370311.0, 3809733.1,   488.9,   1482.1,   0.0);   (370327.5,
3809750.9,   489.4,   1482.1,   0.0);
     (370741.3, 3809400.6,   501.6,   1482.1,   0.0);   (370266.4,
3809393.8,   511.3,   1482.1,   0.0);
     (370166.7, 3809372.9,   490.1,   1482.1,   0.0);   (370572.0,
3809171.5,   502.5,   1482.1,   0.0);
     (370538.1, 3809196.3,   502.2,   1482.1,   0.0);   (370436.8,
3809022.6,   504.9,   1482.1,   0.0);
     (370864.1, 3809066.9,   512.8,   1482.1,   0.0);   (370901.3,
3808974.0,   515.8,   1482.1,   0.0);
     (370938.4, 3808881.2,   520.8,   1482.1,   0.0);   (370666.4,
3809421.4,   500.1,   1482.1,   0.0);
     (370646.9, 3809432.9,   499.4,   1482.1,   0.0);   (370627.3,
3809444.4,   498.8,   1482.1,   0.0);
     (370568.7, 3809479.0,   497.1,   1482.1,   0.0);   (370549.1,
3809490.5,   496.5,   1482.1,   0.0);
     (370490.5, 3809525.0,   497.4,   1482.1,   0.0);   (370653.7,
3809399.9,   500.2,   1482.1,   0.0);
     (370634.2, 3809411.4,   499.6,   1482.1,   0.0);   (370614.6,
3809422.9,   499.1,   1482.1,   0.0);
     (370575.5, 3809445.9,   497.6,   1482.1,   0.0);   (370556.0,
3809457.4,   497.2,   1482.1,   0.0);
     (370536.5, 3809468.9,   496.7,   1482.1,   0.0);   (370477.8,
3809503.4,   495.6,   1482.1,   0.0);
     (370676.8, 3809361.8,   501.3,   1482.1,   0.0);   (370641.0,
3809378.3,   500.3,   1482.1,   0.0);
     (370621.5, 3809389.8,   499.6,   1482.1,   0.0);   (370601.9,
3809401.4,   498.8,   1482.1,   0.0);
     (370543.3, 3809435.9,   496.6,   1482.1,   0.0);   (370523.8,
3809447.4,   496.4,   1482.1,   0.0);
     (370465.1, 3809481.9,   495.1,   1482.1,   0.0);   (370628.3,

3809356.8,   500.3,   1482.1,   0.0);
     (370608.8, 3809368.3,   499.2,   1482.1,   0.0);   (370550.2,
3809402.8,   497.2,   1482.1,   0.0);
     (370530.6, 3809414.3,   496.5,   1482.1,   0.0);   (370511.1,
3809425.8,   495.6,   1482.1,   0.0);
     (370452.5, 3809460.4,   494.2,   1482.1,   0.0);   (370618.7,
3809252.3,   501.6,   1482.1,   0.0);
     (370558.1, 3809282.1,   500.5,   1482.1,   0.0);   (370519.0,
3809305.1,   504.5,   1482.1,   0.0);
     (370499.4, 3809316.7,   503.6,   1482.1,   0.0);   (370440.8,
3809351.2,   496.1,   1482.1,   0.0);
     (370421.3, 3809362.7,   495.7,   1482.1,   0.0);   (370401.7,
3809374.2,   495.4,   1482.1,   0.0);
     (370632.8, 3809145.9,   503.8,   1482.1,   0.0);   (370654.3,
3809139.1,   504.2,   1482.1,   0.0);
     (370546.4, 3809172.9,   502.3,   1482.1,   0.0);   (370370.5,
3809276.5,   507.1,   1482.1,   0.0);
     (370560.4, 3809066.5,   504.6,   1482.1,   0.0);   (370625.2,
3809046.2,   505.7,   1482.1,   0.0);
     (370646.8, 3809039.4,   506.3,   1482.1,   0.0);   (370456.6,
3809109.8,   506.2,   1482.1,   0.0);
     (370437.1, 3809121.3,   510.9,   1482.1,   0.0);   (370339.3,
3809178.8,   499.4,   1482.1,   0.0);
     (370319.8, 3809190.3,   498.0,   1482.1,   0.0);   (370574.5,
3808960.0,   510.0,   1482.1,   0.0);
     (370794.9, 3808953.5,   514.2,   1482.1,   0.0);   (370862.0,
3808963.8,   514.4,   1482.1,   0.0);
     (370347.2, 3809058.1,   505.4,   1482.1,   0.0);   (370249.5,
3809115.7,   518.2,   1482.1,   0.0);
     (370545.3, 3808867.0,   526.7,   1482.1,   0.0);   (370566.9,
3808860.3,   527.3,   1482.1,   0.0);
     (370631.6, 3808840.0,   515.7,   1482.1,   0.0);   (370675.6,
3808836.6,   512.6,   1482.1,   0.0);
     (370899.2, 3808871.0,   522.9,   1482.1,   0.0);   (370374.7,
3808925.9,   526.3,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370355.1, 3808937.4,   521.8,   1482.1,   0.0);   (370471.1,
3809541.1,   499.9,   1482.1,   0.0);
     (370454.9, 3809522.0,   495.2,   1482.1,   0.0);   (370407.3,

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3809562.6,     493.1,    1482.1,       0.0);
     ( 370391.0, 3809543.6,     492.9,    1482.1,       0.0);         ( 370390.7,
3809511.1,     492.9,    1482.1,       0.0);
     ( 370357.5, 3809407.9,     494.4,    1482.1,       0.0);         ( 370325.8,
3809435.0,     495.3,    1482.1,       0.0);
     ( 370322.6, 3809308.2,     499.5,    1482.1,       0.0);         ( 370292.6,
3809331.9,     502.1,    1482.1,       0.0);
     ( 370245.0, 3809372.5,     503.4,    1482.1,       0.0);         ( 370271.9,
3809222.0,     498.1,    1482.1,       0.0);
     ( 370221.2, 3809135.9,     510.5,    1482.1,       0.0);         ( 370115.2,
3809220.3,     493.4,    1482.1,       0.0);
     ( 370127.9, 3809080.0,     497.7,    1482.1,       0.0);         ( 370156.2,
3809059.8,     499.7,    1482.1,       0.0);
     ( 370097.8, 3809103.7,     500.6,    1482.1,       0.0);         ( 370066.1,
3809130.7,     497.6,    1482.1,       0.0);
     ( 370417.8, 3809588.6,     494.2,    1482.1,       0.0);         ( 370404.3,
3809613.1,     494.4,    1482.1,       0.0);
     ( 370389.2, 3809588.8,     492.6,    1482.1,       0.0);         ( 370374.0,
3809564.5,     492.7,    1482.1,       0.0);
     ( 370359.7, 3809543.1,     492.7,    1482.1,       0.0);         ( 370272.2,
3809494.8,     493.2,    1482.1,       0.0);
     ( 370287.2, 3809476.3,     495.9,    1482.1,       0.0);         ( 370257.8,
3809516.3,     493.5,    1482.1,       0.0);
     ( 370185.5, 3809445.3,     493.4,    1482.1,       0.0);         ( 370219.5,
3809403.7,     509.6,    1482.1,       0.0);
     ( 370170.3, 3809468.0,     488.7,    1482.1,       0.0);         ( 370097.7,
3809397.4,     487.9,    1482.1,       0.0);
     ( 370114.2, 3809377.2,     488.3,    1482.1,       0.0);         ( 370130.7,
3809357.0,     489.1,    1482.1,       0.0);
     ( 370147.1, 3809336.8,     490.0,    1482.1,       0.0);         ( 370082.7,
3809419.7,     487.3,    1482.1,       0.0);
     ( 370010.6, 3809348.5,     490.5,    1482.1,       0.0);         ( 370028.1,
3809327.1,     490.5,    1482.1,       0.0);
     ( 370045.5, 3809305.8,     494.6,    1482.1,       0.0);         ( 370062.9,
3809284.4,     499.2,    1482.1,       0.0);
     ( 370080.3, 3809263.0,     500.2,    1482.1,       0.0);         ( 370097.8,
3809241.7,     495.9,    1482.1,       0.0);
     ( 369995.2, 3809371.4,     493.0,    1482.1,       0.0);         ( 369922.9,
3809300.4,     495.2,    1482.1,       0.0);
     ( 369939.9, 3809279.6,     504.7,    1482.1,       0.0);         ( 369956.8,
3809258.8,     511.2,    1482.1,       0.0);
     ( 369973.8, 3809238.0,     508.9,    1482.1,       0.0);         ( 369990.8,
3809217.1,     516.4,    1482.1,       0.0);
     ( 370007.8, 3809196.3,     519.5,    1482.1,       0.0);         ( 370024.8,
3809175.5,     505.5,    1482.1,       0.0);
     ( 370041.8, 3809154.7,     499.2,    1482.1,       0.0);         ( 369907.6,
3809323.1,     493.4,    1482.1,       0.0);
     ( 370401.2, 3809644.3,     496.0,    1482.1,       0.0);         ( 370376.2,
3809701.4,     490.2,    1482.1,       0.0);
     ( 370351.2, 3809663.3,     490.8,    1482.1,       0.0);         ( 370351.2,
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3809701.4,   490.0,   1482.1,   0.0);
     (370330.3, 3809609.1,   491.0,   1482.1,   0.0);   (370326.2,
3809644.3,   490.6,   1482.1,   0.0);
     (370326.2, 3809682.3,   489.8,   1482.1,   0.0);   (370230.3,
3809609.1,   490.0,   1482.1,   0.0);
     (370226.2, 3809644.3,   489.0,   1482.1,   0.0);   (370226.2,
3809682.3,   488.3,   1482.1,   0.0);
     (370130.8, 3809607.1,   486.9,   1482.1,   0.0);   (370140.2,
3809570.9,   487.9,   1482.1,   0.0);
     (370149.5, 3809534.6,   490.2,   1482.1,   0.0);   (370158.8,
3809498.4,   489.2,   1482.1,   0.0);
     (370126.2, 3809644.3,   486.7,   1482.1,   0.0);   (370126.2,
3809682.3,   486.8,   1482.1,   0.0);
     (370030.7, 3809607.7,   485.6,   1482.1,   0.0);   (370039.8,
3809572.5,   487.2,   1482.1,   0.0);
     (370048.8, 3809537.4,   487.7,   1482.1,   0.0);   (370057.8,
3809502.3,   487.0,   1482.1,   0.0);
     (370066.9, 3809467.1,   487.2,   1482.1,   0.0);   (370026.2,
3809644.3,   484.3,   1482.1,   0.0);
     (370026.2, 3809682.3,   484.3,   1482.1,   0.0);   (369930.6,
3809608.0,   482.4,   1482.1,   0.0);
     (369939.5, 3809573.5,   483.0,   1482.1,   0.0);   (369948.4,
3809539.0,   483.6,   1482.1,   0.0);
     (369957.3, 3809504.5,   484.0,   1482.1,   0.0);   (369966.2,
3809469.9,   484.3,   1482.1,   0.0);
     (369975.1, 3809435.4,   486.6,   1482.1,   0.0);   (369984.0,
3809400.9,   491.7,   1482.1,   0.0);
     (369926.2, 3809644.3,   482.3,   1482.1,   0.0);   (369926.2,
3809682.3,   482.2,   1482.1,   0.0);
     (369830.8, 3809607.1,   483.9,   1482.1,   0.0);   (369840.2,
3809570.9,   484.1,   1482.1,   0.0);
     (369849.5, 3809534.6,   485.7,   1482.1,   0.0);   (369858.8,
3809498.4,   486.9,   1482.1,   0.0);
     (369868.2, 3809462.2,   486.8,   1482.1,   0.0);   (369877.5,
3809425.9,   486.9,   1482.1,   0.0);
     (369886.8, 3809389.7,   488.6,   1482.1,   0.0);   (369896.2,
3809353.5,   491.0,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (369826.2, 3809644.3,   489.7,   1482.1,   0.0);   (369826.2,

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3809682.3,     491.9,    1482.1,       0.0);
     ( 370416.5, 3809664.6,     495.2,    1482.1,       0.0);         ( 370270.0,
3809550.8,     491.2,    1482.1,       0.0);
     ( 370291.2, 3809537.0,     491.6,    1482.1,       0.0);         ( 370355.1,
3809495.6,     493.4,    1482.1,       0.0);
     ( 370378.2, 3809491.3,     493.9,    1482.1,       0.0);         ( 370187.7,
3809493.9,     493.7,    1482.1,       0.0);
     ( 370241.0, 3809459.4,     502.8,    1482.1,       0.0);         ( 370262.2,
3809445.6,     501.2,    1482.1,       0.0);
     ( 370326.1, 3809404.2,     498.9,    1482.1,       0.0);         ( 370409.5,
3809403.4,     495.3,    1482.1,       0.0);
     ( 370434.4, 3809408.5,     495.5,    1482.1,       0.0);         ( 370459.2,
3809413.7,     496.0,    1482.1,       0.0);
     ( 370084.6, 3809450.5,     488.4,    1482.1,       0.0);         ( 370106.9,
3809436.1,     489.8,    1482.1,       0.0);
     ( 370129.1, 3809421.7,     491.4,    1482.1,       0.0);         ( 370151.3,
3809407.3,     491.5,    1482.1,       0.0);
     ( 370218.0, 3809364.1,     497.4,    1482.1,       0.0);         ( 370240.2,
3809349.7,     497.4,    1482.1,       0.0);
     ( 370380.9, 3809302.9,     500.4,    1482.1,       0.0);         ( 370406.8,
3809308.3,     496.5,    1482.1,       0.0);
     ( 370523.5, 3809332.7,     499.5,    1482.1,       0.0);         ( 370588.3,
3809346.2,     497.9,    1482.1,       0.0);
     ( 370013.3, 3809386.5,     487.9,    1482.1,       0.0);         ( 370035.4,
3809372.3,     487.6,    1482.1,       0.0);
     ( 370057.4, 3809358.0,     488.0,    1482.1,       0.0);         ( 370079.4,
3809343.7,     488.3,    1482.1,       0.0);
     ( 370101.4, 3809329.4,     489.3,    1482.1,       0.0);         ( 370123.5,
3809315.2,     489.7,    1482.1,       0.0);
     ( 370222.6, 3809250.9,     496.9,    1482.1,       0.0);         ( 370374.9,
3809207.2,     511.2,    1482.1,       0.0);
     ( 370426.3, 3809217.9,     507.1,    1482.1,       0.0);         ( 370529.1,
3809239.4,     501.5,    1482.1,       0.0);
     ( 370567.7, 3809247.4,     501.7,    1482.1,       0.0);         ( 369931.0,
3809329.7,     495.2,    1482.1,       0.0);
     ( 369952.9, 3809315.5,     505.3,    1482.1,       0.0);         ( 369974.8,
3809301.3,     499.8,    1482.1,       0.0);
     ( 369996.7, 3809287.1,     498.4,    1482.1,       0.0);         ( 370018.6,
3809272.9,     505.5,    1482.1,       0.0);
     ( 370040.5, 3809258.8,     509.9,    1482.1,       0.0);         ( 370062.4,
3809244.6,     507.9,    1482.1,       0.0);
     ( 370305.1, 3809098.2,     503.9,    1482.1,       0.0);         ( 370330.7,
3809103.5,     501.6,    1482.1,       0.0);
     ( 370356.2, 3809108.8,     501.4,    1482.1,       0.0);         ( 370471.2,
3809132.8,     506.2,    1482.1,       0.0);
     ( 370522.3, 3809143.5,     502.6,    1482.1,       0.0);         ( 370547.8,
3809148.8,     502.7,    1482.1,       0.0);
     ( 370650.0, 3809170.2,     503.6,    1482.1,       0.0);         ( 370675.6,
3809175.5,     504.0,    1482.1,       0.0);
     ( 370319.2, 3809706.2,     489.3,    1482.1,       0.0);         ( 370303.8,
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3809664.9,   489.8,   1482.1,   0.0);
     (370199.6, 3809671.8,   488.1,   1482.1,   0.0);   (370194.4,
3809698.9,   487.5,   1482.1,   0.0);
     (370099.8, 3809665.8,   486.2,   1482.1,   0.0);   (370094.5,
3809693.0,   486.0,   1482.1,   0.0);
     (370000.3, 3809659.1,   483.8,   1482.1,   0.0);   (369994.7,
3809687.1,   483.6,   1482.1,   0.0);
     (369900.4, 3809653.4,   482.1,   1482.1,   0.0);   (369909.6,
3809626.5,   482.2,   1482.1,   0.0);
     (369894.9, 3809681.2,   481.9,   1482.1,   0.0);   (369800.5,
3809647.6,   497.1,   1482.1,   0.0);
     (369809.7, 3809621.0,   488.8,   1482.1,   0.0);   (369795.1,
3809675.3,   493.9,   1482.1,   0.0);
     (370370.9, 3809736.6,   489.4,   1482.1,   0.0);   (370372.7,
3809760.6,   489.0,   1482.1,   0.0);
     (370374.5, 3809784.6,   488.4,   1482.1,   0.0);   (370376.3,
3809808.6,   487.9,   1482.1,   0.0);
     (370378.1, 3809832.6,   487.4,   1482.1,   0.0);   (370379.9,
3809856.6,   486.9,   1482.1,   0.0);
     (370381.7, 3809880.6,   486.4,   1482.1,   0.0);   (370383.5,
3809904.6,   485.9,   1482.1,   0.0);
     (370347.8, 3809762.4,   488.6,   1482.1,   0.0);   (370349.6,
3809786.4,   488.1,   1482.1,   0.0);
     (370351.4, 3809810.4,   487.6,   1482.1,   0.0);   (370353.2,
3809834.5,   487.1,   1482.1,   0.0);
     (370355.0, 3809858.5,   486.6,   1482.1,   0.0);   (370356.8,
3809882.5,   486.1,   1482.1,   0.0);
     (370358.5, 3809906.5,   485.6,   1482.1,   0.0);   (370324.6,
3809788.3,   490.7,   1482.1,   0.0);
     (370326.4, 3809812.3,   490.2,   1482.1,   0.0);   (370328.2,
3809836.3,   488.8,   1482.1,   0.0);
     (370330.0, 3809860.3,   487.5,   1482.1,   0.0);   (370331.8,
3809884.3,   486.4,   1482.1,   0.0);
     (370333.6, 3809908.3,   485.6,   1482.1,   0.0);   (370297.9,
3809766.2,   489.3,   1482.1,   0.0);
     (370299.7, 3809790.2,   495.9,   1482.1,   0.0);   (370301.5,
3809814.2,   497.7,   1482.1,   0.0);
     (370303.3, 3809838.2,   494.7,   1482.1,   0.0);   (370305.1,
3809862.2,   489.0,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 370306.9, 3809886.2,     488.2,    1482.1,       0.0);         ( 370308.7,
3809910.2,     486.5,    1482.1,       0.0);
     ( 370194.6, 3809725.6,     487.0,    1482.1,       0.0);         ( 370196.4,
3809749.6,     486.9,    1482.1,       0.0);
     ( 370198.2, 3809773.6,     488.5,    1482.1,       0.0);         ( 370200.0,
3809797.6,     495.6,    1482.1,       0.0);
     ( 370201.8, 3809821.6,     501.7,    1482.1,       0.0);         ( 370203.6,
3809845.7,     504.3,    1482.1,       0.0);
     ( 370205.4, 3809869.7,     502.5,    1482.1,       0.0);         ( 370207.2,
3809893.7,     496.1,    1482.1,       0.0);
     ( 370209.0, 3809917.7,     489.4,    1482.1,       0.0);         ( 370094.9,
3809733.1,     485.5,    1482.1,       0.0);
     ( 370096.7, 3809757.1,     485.1,    1482.1,       0.0);         ( 370098.5,
3809781.1,     484.8,    1482.1,       0.0);
     ( 370100.3, 3809805.1,     484.6,    1482.1,       0.0);         ( 370102.1,
3809829.1,     484.0,    1482.1,       0.0);
     ( 370103.8, 3809853.1,     489.5,    1482.1,       0.0);         ( 370105.6,
3809877.1,     494.2,    1482.1,       0.0);
     ( 370107.5, 3809901.1,     493.9,    1482.1,       0.0);         ( 370109.2,
3809925.1,     486.4,    1482.1,       0.0);
     ( 369995.0, 3809722.7,     483.2,    1482.1,       0.0);         ( 369996.9,
3809764.5,     482.8,    1482.1,       0.0);
     ( 369998.7, 3809788.6,     482.7,    1482.1,       0.0);         ( 370000.5,
3809812.6,     482.6,    1482.1,       0.0);
     ( 370002.3, 3809836.6,     482.6,    1482.1,       0.0);         ( 370004.1,
3809860.6,     482.4,    1482.1,       0.0);
     ( 370005.9, 3809884.6,     482.4,    1482.1,       0.0);         ( 370007.7,
3809908.6,     481.9,    1482.1,       0.0);
     ( 370009.5, 3809932.6,     481.1,    1482.1,       0.0);         ( 369895.2,
3809725.7,     481.7,    1482.1,       0.0);
     ( 369897.2, 3809772.0,     483.6,    1482.1,       0.0);         ( 369899.0,
3809796.0,     481.5,    1482.1,       0.0);
     ( 369900.8, 3809820.0,     480.6,    1482.1,       0.0);         ( 369902.6,
3809844.0,     480.3,    1482.1,       0.0);
     ( 369904.4, 3809868.0,     479.9,    1482.1,       0.0);         ( 369906.2,
3809892.1,     479.8,    1482.1,       0.0);
     ( 369908.0, 3809916.1,     479.8,    1482.1,       0.0);         ( 369909.8,
3809940.1,     479.8,    1482.1,       0.0);
     ( 369795.5, 3809735.4,     489.1,    1482.1,       0.0);         ( 369797.5,
3809779.5,     494.7,    1482.1,       0.0);
     ( 369799.3, 3809803.5,     494.1,    1482.1,       0.0);         ( 369801.1,
3809827.5,     494.9,    1482.1,       0.0);
     ( 369802.9, 3809851.5,     496.9,    1482.1,       0.0);         ( 369804.7,
3809875.5,     497.4,    1482.1,       0.0);
     ( 369806.5, 3809899.5,     493.8,    1482.1,       0.0);         ( 369808.3,
3809923.5,     485.0,    1482.1,       0.0);
     ( 369810.1, 3809947.5,     488.0,    1482.1,       0.0);         ( 370404.6,
3809927.5,     485.9,    1482.1,       0.0);
     ( 370386.3, 3809944.4,     484.9,    1482.1,       0.0);         ( 370422.8,
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3809955.5,   486.8,   1482.1,   0.0);
     (370382.5, 3809969.1,   485.0,   1482.1,   0.0);   (370346.8,
3809938.6,   484.8,   1482.1,   0.0);
     (370419.0, 3809980.3,   486.0,   1482.1,   0.0);   (370373.8,
3809991.3,   485.1,   1482.1,   0.0);
     (370326.2, 3809950.5,   484.3,   1482.1,   0.0);   (370415.2,
3810005.0,   484.5,   1482.1,   0.0);
     (370252.8, 3810018.4,   484.3,   1482.1,   0.0);   (370235.3,
3809978.1,   486.8,   1482.1,   0.0);
     (370400.0, 3810103.8,   481.5,   1482.1,   0.0);   (370343.5,
3810189.0,   477.8,   1482.1,   0.0);
     (370304.6, 3810168.3,   485.5,   1482.1,   0.0);   (370265.8,
3810147.7,   496.0,   1482.1,   0.0);
     (370161.9, 3810046.0,   491.3,   1482.1,   0.0);   (370144.3,
3810005.7,   488.4,   1482.1,   0.0);
     (370126.8, 3809965.4,   486.3,   1482.1,   0.0);   (370384.8,
3810202.6,   477.7,   1482.1,   0.0);
     (370328.3, 3810287.8,   478.2,   1482.1,   0.0);   (370289.5,
3810267.2,   477.5,   1482.1,   0.0);
     (370250.6, 3810246.6,   476.5,   1482.1,   0.0);   (370211.8,
3810225.9,   476.2,   1482.1,   0.0);
     (370173.0, 3810205.3,   477.7,   1482.1,   0.0);   (370062.2,
3810053.5,   478.4,   1482.1,   0.0);
     (370044.6, 3810013.2,   479.6,   1482.1,   0.0);   (370027.1,
3809972.9,   480.6,   1482.1,   0.0);
     (370369.7, 3810301.5,   479.1,   1482.1,   0.0);   (370313.1,
3810386.6,   478.5,   1482.1,   0.0);
     (370274.3, 3810366.0,   477.0,   1482.1,   0.0);   (370235.5,
3810345.4,   476.7,   1482.1,   0.0);
     (370196.6, 3810324.8,   476.6,   1482.1,   0.0);   (370157.8,
3810304.2,   475.8,   1482.1,   0.0);
     (370119.0, 3810283.5,   475.7,   1482.1,   0.0);   (370080.2,
3810262.9,   475.2,   1482.1,   0.0);
     (370032.6, 3810222.1,   475.5,   1482.1,   0.0);   (370015.1,
3810181.9,   478.8,   1482.1,   0.0);
     (369971.2, 3810081.1,   478.0,   1482.1,   0.0);   (369953.7,
3810040.8,   478.6,   1482.1,   0.0);
     (369936.1, 3810000.5,   482.1,   1482.1,   0.0);   (370354.5,
3810400.3,   479.6,   1482.1,   0.0);
     (370297.9, 3810485.5,   483.4,   1482.1,   0.0);   (370259.1,
3810464.9,   483.7,   1482.1,   0.0);

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370220.3, 3810444.2, 480.6, 1482.1, 0.0); (370181.5, 3810423.6, 478.7, 1482.1, 0.0);
(370142.6, 3810403.0, 477.0, 1482.1, 0.0); (370103.8, 3810382.4, 475.2, 1482.1, 0.0);
(370065.0, 3810361.8, 475.3, 1482.1, 0.0); (370026.2, 3810341.1, 475.1, 1482.1, 0.0);
(369987.4, 3810320.5, 475.3, 1482.1, 0.0); (369959.2, 3810290.1, 473.9, 1482.1, 0.0);
(369941.7, 3810249.8, 474.1, 1482.1, 0.0); (369924.1, 3810209.5, 474.2, 1482.1, 0.0);
(369906.6, 3810169.2, 476.3, 1482.1, 0.0); (369845.2, 3810028.1, 478.7, 1482.1, 0.0);
(369827.6, 3809987.8, 484.8, 1482.1, 0.0); (370339.3, 3810499.2, 481.0, 1482.1, 0.0);
(370405.8, 3809901.7, 486.4, 1482.1, 0.0); (370233.6, 3809870.4, 498.2, 1482.1, 0.0);
(370135.2, 3809852.5, 494.6, 1482.1, 0.0); (370036.8, 3809834.7, 483.1, 1482.1, 0.0);
(369938.5, 3809816.8, 481.1, 1482.1, 0.0); (369840.1, 3809799.0, 488.7, 1482.1, 0.0);
(370358.3, 3809959.9, 485.0, 1482.1, 0.0); (370232.0, 3809954.7, 484.4, 1482.1, 0.0);
(370231.1, 3809921.8, 485.1, 1482.1, 0.0); (370133.8, 3809941.5, 488.1, 1482.1, 0.0);
(370132.8, 3809906.3, 494.7, 1482.1, 0.0); (370035.9, 3809944.5, 481.5, 1482.1, 0.0);
(370034.9, 3809908.0, 481.9, 1482.1, 0.0); (370034.0, 3809871.5, 482.7, 1482.1, 0.0);
(369938.8, 3809972.2, 482.0, 1482.1, 0.0); (369937.8, 3809938.0, 480.3, 1482.1, 0.0);
(369936.9, 3809903.8, 480.4, 1482.1, 0.0); (369936.0, 3809869.6, 480.9, 1482.1, 0.0);
(369840.5, 3809958.2, 487.0, 1482.1, 0.0); (369839.5, 3809923.1, 485.2, 1482.1, 0.0);
(369838.6, 3809887.9, 482.7, 1482.1, 0.0); (369837.6, 3809852.7, 482.7, 1482.1, 0.0);
(370451.8, 3809966.6, 487.0, 1482.1, 0.0); (370452.9, 3809991.6, 486.6, 1482.1, 0.0);
(370434.5, 3810017.4, 484.1, 1482.1, 0.0); (370403.3, 3810032.4, 483.5, 1482.1, 0.0);
(370343.2, 3809979.8, 486.4, 1482.1, 0.0); (370421.5, 3810136.6, 479.8, 1482.1, 0.0);
(370384.6, 3810125.1, 480.5, 1482.1, 0.0); (370347.7, 3810113.6, 481.1, 1482.1, 0.0);
(370459.5, 3810141.5, 479.6, 1482.1, 0.0); (370426.7, 3810236.8, 479.4, 1482.1, 0.0);
(370391.5, 3810225.8, 478.7, 1482.1, 0.0); (370356.2,

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3810214.8,     477.8,    1482.1,       0.0);
     ( 370321.0, 3810203.9,     478.4,    1482.1,       0.0);         ( 370285.7,
3810192.9,     487.5,    1482.1,       0.0);
     ( 370240.4, 3810166.5,     493.9,    1482.1,       0.0);         ( 370463.8,
3810241.4,     479.6,    1482.1,       0.0);
     ( 370430.2, 3810336.4,     479.4,    1482.1,       0.0);         ( 370393.3,
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     ( 370301.0, 3810296.2,     477.4,    1482.1,       0.0);         ( 370264.1,
3810284.7,     477.0,    1482.1,       0.0);
     ( 370227.2, 3810273.2,     476.7,    1482.1,       0.0);         ( 370179.6,
3810245.6,     475.7,    1482.1,       0.0);
     ( 370147.9, 3810197.0,     479.4,    1482.1,       0.0);         ( 370468.2,
3810341.3,     480.1,    1482.1,       0.0);
     ( 370435.1, 3810436.5,     483.6,    1482.1,       0.0);         ( 370399.2,
3810425.3,     481.7,    1482.1,       0.0);
     ( 370255.6, 3810380.6,     476.9,    1482.1,       0.0);         ( 370219.7,
3810369.5,     476.5,    1482.1,       0.0);
     ( 370183.8, 3810358.3,     476.1,    1482.1,       0.0);         ( 370147.9,
3810347.1,     475.8,    1482.1,       0.0);
     ( 370119.7, 3810325.8,     475.8,    1482.1,       0.0);         ( 370099.1,
3810294.3,     475.4,    1482.1,       0.0);
     ( 370058.0, 3810231.4,     475.4,    1482.1,       0.0);         ( 370037.4,
3810199.9,     479.0,    1482.1,       0.0);
     ( 370472.5, 3810441.2,     484.4,    1482.1,       0.0);         ( 370439.0,
3810536.2,     484.4,    1482.1,       0.0);
     ( 370402.0, 3810524.7,     482.4,    1482.1,       0.0);         ( 370365.1,
3810513.2,     481.1,    1482.1,       0.0);
     ( 370272.8, 3810484.5,     483.6,    1482.1,       0.0);         ( 370235.9,
3810473.0,     483.9,    1482.1,       0.0);
     ( 370199.0, 3810461.5,     481.9,    1482.1,       0.0);         ( 370162.0,
3810450.1,     479.9,    1482.1,       0.0);
     ( 370125.1, 3810438.6,     478.9,    1482.1,       0.0);         ( 370088.2,
3810427.1,     477.9,    1482.1,       0.0);
     ( 370059.1, 3810405.2,     476.5,    1482.1,       0.0);         ( 370038.0,
3810372.8,     474.8,    1482.1,       0.0);
     ( 369985.1, 3810291.9,     474.5,    1482.1,       0.0);         ( 369963.9,
3810259.5,     473.6,    1482.1,       0.0);
     ( 369942.8, 3810227.1,     474.6,    1482.1,       0.0);         ( 369889.9,
3810146.2,     476.5,    1482.1,       0.0);
     ( 370476.9, 3810541.1,     485.5,    1482.1,       0.0);         ( 370474.6,
3809964.9,     486.9,    1482.1,       0.0);
     ( 370476.5, 3809989.8,     486.0,    1482.1,       0.0);         ( 370478.5,
3810014.8,     484.3,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.0, 3810139.4, 479.8, 1482.1, 0.0); (370495.7, 3810239.1, 479.5, 1482.1, 0.0);
(370503.4, 3810338.8, 480.6, 1482.1, 0.0); (370511.0, 3810438.5, 483.0, 1482.1, 0.0);
(370518.7, 3810538.2, 485.4, 1482.1, 0.0); (370509.4, 3809980.3, 486.0, 1482.1, 0.0);
(370549.4, 3809984.7, 485.4, 1482.1, 0.0); (370574.0, 3809984.1, 485.5, 1482.1, 0.0);
(370508.3, 3810153.7, 479.6, 1482.1, 0.0); (370553.5, 3810159.7, 479.9, 1482.1, 0.0);
(370578.0, 3810159.1, 480.4, 1482.1, 0.0); (370602.5, 3810158.5, 480.5, 1482.1, 0.0);
(370531.2, 3810260.2, 480.4, 1482.1, 0.0); (370555.8, 3810259.6, 480.7, 1482.1, 0.0);
(370580.3, 3810259.1, 481.2, 1482.1, 0.0); (370604.8, 3810258.5, 481.3, 1482.1, 0.0);
(370533.5, 3810360.2, 480.9, 1482.1, 0.0); (370558.0, 3810359.6, 480.7, 1482.1, 0.0);
(370582.6, 3810359.0, 481.2, 1482.1, 0.0); (370607.1, 3810358.5, 481.3, 1482.1, 0.0);
(370381.0, 3810410.9, 479.9, 1482.1, 0.0); (370535.8, 3810460.1, 485.2, 1482.1, 0.0);
(370560.3, 3810459.6, 485.3, 1482.1, 0.0); (370584.9, 3810459.0, 485.6, 1482.1, 0.0);
(370609.4, 3810458.5, 485.8, 1482.1, 0.0); (370538.1, 3810560.1, 486.3, 1482.1, 0.0);
(370562.6, 3810559.6, 486.4, 1482.1, 0.0); (370587.2, 3810559.0, 487.0, 1482.1, 0.0);
(370611.7, 3810558.4, 487.6, 1482.1, 0.0); (370636.3, 3810158.6, 481.2, 1482.1, 0.0);
(370636.3, 3810258.6, 481.5, 1482.1, 0.0); (370636.3, 3810358.6, 481.6, 1482.1, 0.0);
(370636.3, 3810458.6, 486.3, 1482.1, 0.0); (370636.3, 3810558.6, 488.2, 1482.1, 0.0);
(370628.5, 3809965.2, 495.3, 1482.1, 0.0); (370604.0, 3809960.0, 491.2, 1482.1, 0.0);
(370264.4, 3809874.8, 497.4, 1482.1, 0.0); (370166.6, 3809853.8, 502.0, 1482.1, 0.0);
(370068.8, 3809832.8, 483.6, 1482.1, 0.0); (370575.0, 3809959.2, 489.6, 1482.1, 0.0);
(370534.9, 3809384.2, 497.9, 1482.1, 0.0); (370447.5, 3809499.7, 494.5, 1482.1, 0.0);
(370501.3, 3809947.9, 487.0, 1482.1, 0.0); (370438.1, 3809603.7, 501.8, 1482.1, 0.0);
(370402.0, 3809828.0, 487.8, 1482.1, 0.0); (370298.8,

```
3809939.1,     485.1,    1482.1,       0.0);
     ( 370243.9, 3809844.4,     504.9,    1482.1,       0.0);         ( 370260.0,
3809822.7,     506.2,    1482.1,       0.0);
     ( 370276.1, 3809800.9,     499.1,    1482.1,       0.0);         ( 370135.9,
3809827.5,     489.6,    1482.1,       0.0);
     ( 370152.8, 3809804.7,     487.5,    1482.1,       0.0);         ( 370169.6,
3809781.9,     487.4,    1482.1,       0.0);
     ( 370220.2, 3809713.5,     487.6,    1482.1,       0.0);         ( 370250.0,
3809684.8,     488.7,    1482.1,       0.0);
     ( 370035.1, 3809800.9,     483.2,    1482.1,       0.0);         ( 370052.5,
3809777.5,     483.8,    1482.1,       0.0);
     ( 370069.8, 3809754.0,     484.5,    1482.1,       0.0);         ( 370156.6,
3809636.6,     487.4,    1482.1,       0.0);
     ( 370187.2, 3809607.0,     488.8,    1482.1,       0.0);         ( 369942.2,
3809763.6,     481.5,    1482.1,       0.0);
     ( 369959.1, 3809740.8,     482.1,    1482.1,       0.0);         ( 370043.4,
3809626.8,     484.7,    1482.1,       0.0);
     ( 370060.2, 3809604.0,     485.1,    1482.1,       0.0);         ( 370077.1,
3809581.2,     485.9,    1482.1,       0.0);
     ( 370094.0, 3809558.4,     486.8,    1482.1,       0.0);         ( 370123.7,
3809529.7,     486.0,    1482.1,       0.0);
     ( 369928.3, 3809788.6,     481.0,    1482.1,       0.0);         ( 370369.8,
3810015.2,     483.9,    1482.1,       0.0);
     ( 370346.0, 3810017.6,     483.2,    1482.1,       0.0);         ( 370322.1,
3810020.0,     482.5,    1482.1,       0.0);
     ( 370319.6, 3809995.1,     485.6,    1482.1,       0.0);         ( 370359.9,
3809438.3,     494.0,    1482.1,       0.0);
     ( 370298.0, 3810008.0,     484.2,    1482.1,       0.0);         ( 370395.8,
3809751.0,     489.5,    1482.1,       0.0);
     ( 370467.0, 3809564.1,     503.1,    1482.1,       0.0);         ( 370292.9,
3809981.5,     487.7,    1482.1,       0.0);
     ( 370272.3, 3809954.9,     484.4,    1482.1,       0.0);         ( 370274.2,
3809929.9,     485.5,    1482.1,       0.0);
     ( 370281.8, 3809830.2,     504.8,    1482.1,       0.0);         ( 370266.9,
3809728.8,     488.1,    1482.1,       0.0);
     ( 370296.8, 3809630.8,     490.3,    1482.1,       0.0);         ( 370229.1,
3810008.1,     487.3,    1482.1,       0.0);
     ( 370214.0, 3809988.2,     487.6,    1482.1,       0.0);         ( 370198.8,
3809968.3,     489.9,    1482.1,       0.0);
     ( 370200.7, 3809943.4,     491.0,    1482.1,       0.0);         ( 370165.9,
3809962.0,     496.8,    1482.1,       0.0);
     ( 370123.8, 3809771.2,     485.5,    1482.1,       0.0);         ( 370164.7,
3809759.1,     486.2,    1482.1,       0.0);
     ( 370226.0, 3809740.9,     487.3,    1482.1,       0.0);         ( 370043.8,
3809697.4,     484.6,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370148.6, 3809666.3, 487.2, 1482.1, 0.0); (369962.5, 3809624.0, 483.2, 1482.1, 0.0);
(370005.1, 3809611.3, 484.7, 1482.1, 0.0); (370111.6, 3809579.8, 486.8, 1482.1, 0.0);
(370175.5, 3809560.9, 494.4, 1482.1, 0.0); (370218.1, 3809548.3, 500.1, 1482.1, 0.0);
(369901.1, 3809544.7, 483.7, 1482.1, 0.0); (369982.8, 3809520.5, 484.7, 1482.1, 0.0);
(370023.7, 3809508.4, 485.2, 1482.1, 0.0); (370085.1, 3809490.2, 487.9, 1482.1, 0.0);
(370126.0, 3809478.1, 487.5, 1482.1, 0.0); (369862.9, 3809564.3, 483.9, 1482.1, 0.0);
(370199.0, 3810010.4, 498.2, 1482.1, 0.0); (370180.0, 3809987.7, 489.6, 1482.1, 0.0);
(370173.3, 3809938.2, 498.9, 1482.1, 0.0); (370283.7, 3809745.9, 488.4, 1482.1, 0.0);
(370146.6, 3809740.0, 486.3, 1482.1, 0.0); (370179.6, 3809638.1, 487.9, 1482.1, 0.0);
(370152.8, 3809439.9, 491.8, 1482.1, 0.0); (370334.3, 3809457.3, 493.6, 1482.1, 0.0);
(370379.7, 3809461.7, 494.2, 1482.1, 0.0); (370435.8, 3809480.6, 493.8, 1482.1, 0.0);
(370170.1, 3810018.6, 498.1, 1482.1, 0.0); (370121.7, 3809994.8, 486.6, 1482.1, 0.0);
(370105.1, 3809976.1, 484.5, 1482.1, 0.0); (370071.5, 3809879.7, 486.1, 1482.1, 0.0);
(369972.2, 3809826.6, 482.1, 1482.1, 0.0); (369938.6, 3809730.2, 481.8, 1482.1, 0.0);
(369974.0, 3809714.0, 482.8, 1482.1, 0.0); (370062.4, 3809673.4, 485.1, 1482.1, 0.0);
(369872.2, 3809655.5, 482.2, 1482.1, 0.0); (369978.3, 3809606.8, 483.5, 1482.1, 0.0);
(369805.8, 3809580.8, 489.1, 1482.1, 0.0); (369929.5, 3809523.9, 483.7, 1482.1, 0.0);
(370000.3, 3809491.4, 484.8, 1482.1, 0.0); (370035.7, 3809475.2, 485.3, 1482.1, 0.0);
(369772.8, 3809602.4, 501.0, 1482.1, 0.0); (370271.9, 3809767.4, 488.5, 1482.1, 0.0);
(370314.3, 3809567.9, 490.9, 1482.1, 0.0); (370091.7, 3810006.9, 486.2, 1482.1, 0.0);
(370100.6, 3809953.8, 483.2, 1482.1, 0.0); (370075.8, 3809933.6, 484.2, 1482.1, 0.0);
(370052.8, 3809734.0, 484.3, 1482.1, 0.0); (370069.0,

```
3809639.9,     485.3,    1482.1,       0.0);
     ( 370010.3, 3809538.5,     485.3,    1482.1,       0.0);         ( 370008.3,
3809442.7,     485.3,    1482.1,       0.0);
     ( 370046.7, 3809446.4,     485.8,    1482.1,       0.0);         ( 370123.5,
3809453.8,     489.1,    1482.1,       0.0);
     ( 370076.3, 3809987.3,     482.8,    1482.1,       0.0);         ( 370034.3,
3810045.8,     478.7,    1482.1,       0.0);
     ( 370065.9, 3809965.2,     483.0,    1482.1,       0.0);         ( 370020.8,
3810016.6,     479.3,    1482.1,       0.0);
     ( 370007.2, 3809987.5,     480.7,    1482.1,       0.0);         ( 369989.4,
3810023.8,     479.0,    1482.1,       0.0);
     ( 369962.3, 3809887.9,     481.2,    1482.1,       0.0);         ( 369899.6,
3809980.0,     480.5,    1482.1,       0.0);
     ( 369863.7, 3809855.0,     479.8,    1482.1,       0.0);         ( 369963.9,
3809770.8,     482.1,    1482.1,       0.0);
     ( 370016.0, 3809746.4,     483.3,    1482.1,       0.0);         ( 369750.1,
3809840.3,     498.9,    1482.1,       0.0);
     ( 369775.1, 3809809.4,     500.2,    1482.1,       0.0);         ( 369825.1,
3809747.6,     485.6,    1482.1,       0.0);
     ( 369868.1, 3809708.2,     482.3,    1482.1,       0.0);         ( 369958.1,
3809665.9,     482.9,    1482.1,       0.0);
     ( 369728.8, 3809874.0,     481.8,    1482.1,       0.0);         ( 369659.5,
3809797.4,     476.4,    1482.1,       0.0);
     ( 369682.9, 3809768.4,     477.3,    1482.1,       0.0);         ( 369706.4,
3809739.4,     490.6,    1482.1,       0.0);
     ( 369729.8, 3809710.4,     508.0,    1482.1,       0.0);         ( 369753.3,
3809681.5,     506.6,    1482.1,       0.0);
     ( 369776.7, 3809652.5,     507.1,    1482.1,       0.0);         ( 369855.9,
3809606.2,     482.8,    1482.1,       0.0);
     ( 369889.6, 3809590.4,     482.3,    1482.1,       0.0);         ( 369974.0,
3809550.7,     483.9,    1482.1,       0.0);
     ( 369638.9, 3809830.1,     469.9,    1482.1,       0.0);         ( 369570.0,
3809753.1,     469.2,    1482.1,       0.0);
     ( 369594.1, 3809723.3,     476.7,    1482.1,       0.0);         ( 369618.2,
3809693.5,     484.6,    1482.1,       0.0);
     ( 369642.3, 3809663.7,     492.7,    1482.1,       0.0);         ( 369666.4,
3809633.8,     492.1,    1482.1,       0.0);
     ( 369690.5, 3809604.0,     494.3,    1482.1,       0.0);         ( 369714.6,
3809574.2,     507.4,    1482.1,       0.0);
     ( 369744.0, 3809551.1,     511.0,    1482.1,       0.0);         ( 369778.8,
3809534.8,     495.6,    1482.1,       0.0);
     ( 369813.5, 3809518.5,     494.6,    1482.1,       0.0);         ( 369882.8,
3809485.8,     485.7,    1482.1,       0.0);
     ( 369917.5, 3809469.5,     485.4,    1482.1,       0.0);         ( 369549.0,
3809786.2,     469.4,    1482.1,       0.0);
     ( 370070.8, 3810030.9,     480.2,    1482.1,       0.0);         ( 370176.4,
3809804.3,     492.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370010.8, 3810053.8, 478.5, 1482.1, 0.0); (369982.9, 3809984.2, 481.2, 1482.1, 0.0);
(369976.6, 3809793.2, 482.2, 1482.1, 0.0); (370078.6, 3809796.0, 484.1, 1482.1, 0.0);
(370129.7, 3809797.4, 485.2, 1482.1, 0.0); (369941.3, 3809700.4, 482.3, 1482.1, 0.0);
(370011.9, 3809702.3, 484.1, 1482.1, 0.0); (370117.8, 3809705.3, 486.4, 1482.1, 0.0);
(370153.0, 3809706.3, 487.1, 1482.1, 0.0); (370085.8, 3809612.6, 485.9, 1482.1, 0.0);
(369884.6, 3809515.2, 485.3, 1482.1, 0.0); (370078.7, 3809520.6, 486.5, 1482.1, 0.0);
(370184.6, 3809523.5, 504.9, 1482.1, 0.0); (369995.0, 3810077.0, 477.8, 1482.1, 0.0);
(369949.3, 3810063.0, 478.4, 1482.1, 0.0); (369924.3, 3810063.0, 477.7, 1482.1, 0.0);
(369960.1, 3810002.6, 478.9, 1482.1, 0.0); (369825.0, 3810061.0, 476.9, 1482.1, 0.0);
(369849.5, 3809980.9, 483.6, 1482.1, 0.0); (369867.5, 3809954.4, 482.0, 1482.1, 0.0);
(369820.0, 3810095.7, 476.2, 1482.1, 0.0); (369725.2, 3810060.2, 474.0, 1482.1, 0.0);
(369735.5, 3810026.6, 474.9, 1482.1, 0.0); (369745.8, 3809993.0, 479.2, 1482.1, 0.0);
(369756.1, 3809959.3, 488.3, 1482.1, 0.0); (369766.5, 3809925.7, 493.0, 1482.1, 0.0);
(369867.5, 3809831.6, 480.9, 1482.1, 0.0); (369720.0, 3810095.7, 473.4, 1482.1, 0.0);
(369625.3, 3810059.8, 472.4, 1482.1, 0.0); (369635.9, 3810025.3, 471.8, 1482.1, 0.0);
(369646.5, 3809990.8, 472.3, 1482.1, 0.0); (369657.1, 3809956.3, 472.0, 1482.1, 0.0);
(369667.6, 3809921.8, 471.7, 1482.1, 0.0); (369678.2, 3809887.3, 472.2, 1482.1, 0.0);
(369702.9, 3809841.5, 480.6, 1482.1, 0.0); (369731.0, 3809818.9, 487.2, 1482.1, 0.0);
(369773.1, 3809784.9, 500.8, 1482.1, 0.0); (369843.4, 3809728.3, 483.7, 1482.1, 0.0);
(369620.0, 3810095.7, 473.2, 1482.1, 0.0); (369525.4, 3810059.5, 471.0, 1482.1, 0.0);
(369536.2, 3810024.5, 470.9, 1482.1, 0.0); (369546.9,

3809989.5,   470.9,   1482.1,   0.0);
     (369557.6, 3809954.4,   470.8,   1482.1,   0.0);   (369568.4,
3809919.4,   470.4,   1482.1,   0.0);
     (369579.1, 3809884.3,   469.8,   1482.1,   0.0);   (369589.9,
3809849.3,   469.2,   1482.1,   0.0);
     (369600.6, 3809814.3,   469.1,   1482.1,   0.0);   (369620.3,
3809785.3,   470.7,   1482.1,   0.0);
     (369648.8, 3809762.3,   477.9,   1482.1,   0.0);   (369677.3,
3809739.3,   479.4,   1482.1,   0.0);
     (369705.9, 3809716.3,   494.7,   1482.1,   0.0);   (369520.0,
3810095.7,   469.4,   1482.1,   0.0);
     (369425.5, 3810059.3,   468.2,   1482.1,   0.0);   (369436.3,
3810023.9,   469.9,   1482.1,   0.0);
     (369447.2, 3809988.5,   469.8,   1482.1,   0.0);   (369458.0,
3809953.1,   469.7,   1482.1,   0.0);
     (369468.9, 3809917.7,   469.6,   1482.1,   0.0);   (369479.8,
3809882.3,   469.4,   1482.1,   0.0);
     (369490.6, 3809846.9,   469.4,   1482.1,   0.0);   (369501.5,
3809811.5,   469.6,   1482.1,   0.0);
     (369512.3, 3809776.1,   469.0,   1482.1,   0.0);   (369537.6,
3809729.1,   469.1,   1482.1,   0.0);
     (369566.5, 3809705.8,   473.9,   1482.1,   0.0);   (369595.3,
3809682.6,   487.1,   1482.1,   0.0);
     (369420.0, 3810095.7,   469.2,   1482.1,   0.0);   (369901.7,
3810040.3,   477.6,   1482.1,   0.0);
     (369880.5, 3810031.8,   477.8,   1482.1,   0.0);   (369932.2,
3810025.5,   477.9,   1482.1,   0.0);
     (369911.0, 3810017.0,   478.6,   1482.1,   0.0);   (369889.7,
3810008.6,   478.2,   1482.1,   0.0);
     (369868.5, 3810000.1,   479.5,   1482.1,   0.0);   (370114.3,
3809506.0,   485.9,   1482.1,   0.0);
     (369860.7, 3809758.3,   487.7,   1482.1,   0.0);   (369776.1,
3809755.3,   498.4,   1482.1,   0.0);
     (369843.7, 3809660.2,   486.3,   1482.1,   0.0);   (369773.9,
3809557.1,   494.9,   1482.1,   0.0);
     (369913.1, 3809570.4,   482.9,   1482.1,   0.0);   (369965.3,
3809575.4,   483.4,   1482.1,   0.0);
     (370000.1, 3809578.7,   485.6,   1482.1,   0.0);   (369755.4,
3809458.8,   496.9,   1482.1,   0.0);
     (369790.5, 3809462.2,   495.2,   1482.1,   0.0);   (369825.7,
3809465.6,   490.9,   1482.1,   0.0);
     (369720.0, 3809460.5,   502.9,   1482.1,   0.0);   (369809.7,
3810039.1,   477.0,   1482.1,   0.0);
     (369799.5, 3810060.3,   476.5,   1482.1,   0.0);   (369787.1,
3810028.3,   476.9,   1482.1,   0.0);
     (369777.0, 3810049.5,   476.2,   1482.1,   0.0);   (369775.6,
3810004.0,   478.4,   1482.1,   0.0);
     (369802.3, 3809983.4,   482.5,   1482.1,   0.0);   (369754.5,
3810038.6,   475.7,   1482.1,   0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 473.1, 1482.1, 0.0); (369752.6, 3809872.5, 491.7, 1482.1, 0.0);
(369773.7, 3809863.0, 503.8, 1482.1, 0.0); (369605.6, 3809866.1, 469.6, 1482.1, 0.0);
(369620.2, 3809848.1, 469.4, 1482.1, 0.0); (369691.6, 3809793.2, 479.3, 1482.1, 0.0);
(369712.7, 3809783.7, 483.0, 1482.1, 0.0); (369733.9, 3809774.2, 492.9, 1482.1, 0.0);
(369755.0, 3809764.7, 504.0, 1482.1, 0.0); (369530.0, 3809804.8, 469.8, 1482.1, 0.0);
(369630.6, 3809713.9, 477.4, 1482.1, 0.0); (369651.8, 3809704.4, 484.4, 1482.1, 0.0);
(369672.9, 3809694.9, 491.3, 1482.1, 0.0); (369694.0, 3809685.5, 497.9, 1482.1, 0.0);
(369715.2, 3809676.0, 505.5, 1482.1, 0.0); (369736.3, 3809666.5, 511.3, 1482.1, 0.0);
(369396.1, 3809815.5, 468.7, 1482.1, 0.0); (369410.7, 3809797.5, 468.8, 1482.1, 0.0);
(369425.3, 3809779.5, 468.8, 1482.1, 0.0); (369439.9, 3809761.5, 468.8, 1482.1, 0.0);
(369454.5, 3809743.5, 468.9, 1482.1, 0.0); (369469.1, 3809725.5, 469.1, 1482.1, 0.0);
(369483.7, 3809707.6, 469.4, 1482.1, 0.0); (369498.2, 3809689.6, 470.0, 1482.1, 0.0);
(369512.8, 3809671.6, 470.5, 1482.1, 0.0); (369548.6, 3809644.1, 477.8, 1482.1, 0.0);
(369569.7, 3809634.6, 476.5, 1482.1, 0.0); (369590.8, 3809625.2, 477.8, 1482.1, 0.0);
(369612.0, 3809615.7, 480.1, 1482.1, 0.0); (369633.1, 3809606.2, 482.9, 1482.1, 0.0);
(369654.2, 3809596.7, 483.9, 1482.1, 0.0); (369675.3, 3809587.2, 485.8, 1482.1, 0.0);
(369381.5, 3809833.5, 468.7, 1482.1, 0.0); (369371.4, 3809854.6, 468.6, 1482.1, 0.0);
(369306.0, 3809772.2, 468.2, 1482.1, 0.0); (369320.6, 3809754.2, 468.3, 1482.1, 0.0);
(369335.2, 3809736.2, 468.4, 1482.1, 0.0); (369349.8, 3809718.2, 468.6, 1482.1, 0.0);
(369364.3, 3809700.2, 468.6, 1482.1, 0.0); (369378.9,

3809682.2,   468.7,   1482.1,   0.0);
     (369393.5, 3809664.3,   468.9,   1482.1,   0.0);   (369408.1,
3809646.3,   470.1,   1482.1,   0.0);
     (369422.7, 3809628.3,   471.4,   1482.1,   0.0);   (369437.3,
3809610.3,   472.7,   1482.1,   0.0);
     (369451.9, 3809592.3,   474.6,   1482.1,   0.0);   (369487.6,
3809564.8,   476.8,   1482.1,   0.0);
     (369508.7, 3809555.4,   478.7,   1482.1,   0.0);   (369529.9,
3809545.9,   480.6,   1482.1,   0.0);
     (369551.0, 3809536.4,   482.8,   1482.1,   0.0);   (369572.1,
3809526.9,   489.9,   1482.1,   0.0);
     (369593.3, 3809517.4,   494.3,   1482.1,   0.0);   (369614.4,
3809508.0,   495.5,   1482.1,   0.0);
     (369635.5, 3809498.5,   501.1,   1482.1,   0.0);   (369656.6,
3809489.0,   509.0,   1482.1,   0.0);
     (369677.8, 3809479.5,   516.2,   1482.1,   0.0);   (369698.9,
3809470.0,   514.0,   1482.1,   0.0);
     (369291.4, 3809790.2,   468.0,   1482.1,   0.0);   (369281.2,
3809811.3,   467.7,   1482.1,   0.0);
     (369775.2, 3810088.7,   475.1,   1482.1,   0.0);   (369752.7,
3810077.9,   474.4,   1482.1,   0.0);
     (369759.5, 3810117.8,   474.2,   1482.1,   0.0);   (369736.0,
3810126.6,   473.9,   1482.1,   0.0);
     (369635.7, 3810121.8,   473.4,   1482.1,   0.0);   (369642.4,
3810161.7,   472.0,   1482.1,   0.0);
     (369542.1, 3810155.1,   470.1,   1482.1,   0.0);   (369544.0,
3810112.3,   469.5,   1482.1,   0.0);
     (369545.9, 3810069.5,   471.2,   1482.1,   0.0);   (369548.8,
3810196.8,   470.5,   1482.1,   0.0);
     (369448.5, 3810190.7,   469.5,   1482.1,   0.0);   (369450.3,
3810148.9,   469.5,   1482.1,   0.0);
     (369452.2, 3810107.1,   470.3,   1482.1,   0.0);   (369454.1,
3810065.2,   468.7,   1482.1,   0.0);
     (369455.2, 3810231.9,   469.6,   1482.1,   0.0);   (369354.8,
3810226.1,   474.0,   1482.1,   0.0);
     (369356.7, 3810184.8,   469.1,   1482.1,   0.0);   (369358.5,
3810143.6,   468.7,   1482.1,   0.0);
     (369360.3, 3810102.3,   468.4,   1482.1,   0.0);   (369362.2,
3810061.0,   468.4,   1482.1,   0.0);
     (369364.0, 3810019.7,   467.9,   1482.1,   0.0);   (369365.9,
3809978.4,   469.0,   1482.1,   0.0);
     (369367.7, 3809937.2,   469.0,   1482.1,   0.0);   (369369.5,
3809895.9,   468.6,   1482.1,   0.0);
     (369361.5, 3810267.1,   478.7,   1482.1,   0.0);   (369261.2,
3810260.5,   475.7,   1482.1,   0.0);
     (369263.1, 3810217.7,   478.6,   1482.1,   0.0);   (369265.0,
3810174.9,   481.8,   1482.1,   0.0);
     (369267.0, 3810132.2,   480.7,   1482.1,   0.0);   (369268.9,
3810089.4,   479.6,   1482.1,   0.0);
     (369270.8, 3810046.6,   470.0,   1482.1,   0.0);   (369272.7,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (369274.6, 3809961.0,   466.9,   1482.1,   0.0);   (369276.5,
3809918.3,   466.8,   1482.1,   0.0);
     (369278.4, 3809875.5,   468.0,   1482.1,   0.0);   (369267.9,
3810302.2,   477.4,   1482.1,   0.0);
     (369835.8, 3810124.8,   474.8,   1482.1,   0.0);   (369855.3,
3810137.1,   475.2,   1482.1,   0.0);
     (369792.9, 3810121.4,   475.1,   1482.1,   0.0);   (369822.5,
3810146.0,   474.0,   1482.1,   0.0);
     (369841.9, 3810158.3,   474.0,   1482.1,   0.0);   (369779.6,
3810142.5,   474.5,   1482.1,   0.0);
     (369809.1, 3810167.1,   473.5,   1482.1,   0.0);   (369828.6,
3810179.4,   473.1,   1482.1,   0.0);
     (369762.9, 3810159.5,   473.7,   1482.1,   0.0);   (369795.8,
3810188.3,   473.0,   1482.1,   0.0);
     (369815.3, 3810200.6,   472.8,   1482.1,   0.0);   (369709.6,
3810244.1,   471.5,   1482.1,   0.0);
     (369682.7, 3810211.1,   470.9,   1482.1,   0.0);   (369742.5,
3810272.9,   471.9,   1482.1,   0.0);
     (369761.9, 3810285.1,   472.0,   1482.1,   0.0);   (369656.2,
3810328.7,   472.4,   1482.1,   0.0);
     (369629.4, 3810295.7,   472.0,   1482.1,   0.0);   (369602.5,
3810262.8,   471.4,   1482.1,   0.0);
     (369575.7, 3810229.8,   470.6,   1482.1,   0.0);   (369689.1,
3810357.5,   473.6,   1482.1,   0.0);
     (369708.6, 3810369.7,   474.2,   1482.1,   0.0);   (369602.9,
3810413.3,   476.7,   1482.1,   0.0);
     (369576.0, 3810380.3,   474.0,   1482.1,   0.0);   (369549.2,
3810347.3,   472.6,   1482.1,   0.0);
     (369522.3, 3810314.4,   472.1,   1482.1,   0.0);   (369495.5,
3810281.4,   471.1,   1482.1,   0.0);
     (369635.8, 3810442.1,   476.9,   1482.1,   0.0);   (369655.3,
3810454.3,   479.1,   1482.1,   0.0);
     (369548.6, 3810496.7,   494.9,   1482.1,   0.0);   (369534.2,
3810479.0,   491.2,   1482.1,   0.0);
     (369519.8, 3810461.4,   488.7,   1482.1,   0.0);   (369505.4,
3810443.7,   485.6,   1482.1,   0.0);
     (369491.0, 3810426.0,   486.0,   1482.1,   0.0);   (369476.7,

3810408.4,   481.9,   1482.1,   0.0);
     (369462.3, 3810390.7,   477.7,   1482.1,   0.0);   (369447.9,
3810373.1,   478.2,   1482.1,   0.0);
     (369433.5, 3810355.4,   477.6,   1482.1,   0.0);   (369419.1,
3810337.7,   477.3,   1482.1,   0.0);
     (369404.7, 3810320.1,   479.6,   1482.1,   0.0);   (369390.3,
3810302.4,   478.6,   1482.1,   0.0);
     (369375.9, 3810284.7,   475.5,   1482.1,   0.0);   (369563.0,
3810514.4,   502.6,   1482.1,   0.0);
     (369582.5, 3810526.6,   501.9,   1482.1,   0.0);   (369601.9,
3810538.9,   501.2,   1482.1,   0.0);
     (369495.5, 3810581.5,   532.8,   534.8,   0.0);   (369481.2,
3810564.0,   530.7,   1385.3,   0.0);
     (369467.0, 3810546.6,   526.9,   1481.8,   0.0);   (369438.6,
3810511.7,   521.7,   1482.1,   0.0);
     (369424.3, 3810494.2,   516.5,   1482.1,   0.0);   (369410.1,
3810476.8,   508.9,   1482.1,   0.0);
     (369395.9, 3810459.3,   503.4,   1482.1,   0.0);   (369381.7,
3810441.8,   493.3,   1482.1,   0.0);
     (369353.2, 3810406.9,   485.0,   1482.1,   0.0);   (369339.0,
3810389.5,   483.6,   1482.1,   0.0);
     (369324.8, 3810372.0,   481.7,   1482.1,   0.0);   (369310.6,
3810354.6,   481.3,   1482.1,   0.0);
     (369296.4, 3810337.1,   480.9,   1482.1,   0.0);   (369509.7,
3810599.0,   529.9,   1459.2,   0.0);
     (369529.1, 3810611.2,   519.9,   1482.1,   0.0);   (369548.6,
3810623.5,   517.8,   1482.1,   0.0);
     (369674.6, 3810067.5,   472.7,   1482.1,   0.0);   (369577.6,
3810043.2,   471.5,   1482.1,   0.0);
     (369480.5, 3810019.0,   470.4,   1482.1,   0.0);   (369383.5,
3809994.7,   469.2,   1482.1,   0.0);
     (369865.2, 3810163.2,   475.6,   1482.1,   0.0);   (369851.6,
3810184.2,   474.1,   1482.1,   0.0);
     (369838.0, 3810205.2,   473.1,   1482.1,   0.0);   (369824.4,
3810226.1,   472.8,   1482.1,   0.0);
     (369676.3, 3810175.8,   471.7,   1482.1,   0.0);   (369674.3,
3810145.3,   473.8,   1482.1,   0.0);
     (369672.3, 3810114.8,   473.5,   1482.1,   0.0);   (369770.1,
3810310.1,   472.5,   1482.1,   0.0);
     (369582.0, 3810193.1,   470.3,   1482.1,   0.0);   (369579.8,
3810159.8,   469.9,   1482.1,   0.0);
     (369577.7, 3810126.6,   470.8,   1482.1,   0.0);   (369575.5,
3810093.4,   471.8,   1482.1,   0.0);
     (369715.7, 3810394.0,   475.3,   1482.1,   0.0);   (369490.1,
3810247.1,   470.2,   1482.1,   0.0);
     (369488.0, 3810214.6,   470.0,   1482.1,   0.0);   (369485.9,
3810182.1,   469.8,   1482.1,   0.0);
     (369483.8, 3810149.6,   469.9,   1482.1,   0.0);   (369481.6,
3810117.1,   469.7,   1482.1,   0.0);
     (369479.5, 3810084.6,   469.0,   1482.1,   0.0);   (369477.4,

3810052.1,   471.1,   1482.1,   0.0);
     (369661.4, 3810478.0,   480.4,   1482.1,   0.0);   (369395.9,
3810265.5,   471.0,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (369393.7, 3810231.7,   469.7,   1482.1,   0.0);   (369391.5,
3810197.8,   469.4,   1482.1,   0.0);
     (369389.3, 3810164.0,   468.8,   1482.1,   0.0);   (369387.0,
3810130.1,   468.7,   1482.1,   0.0);
     (369384.8, 3810096.3,   468.7,   1482.1,   0.0);   (369381.5,
3810045.5,   468.1,   1482.1,   0.0);
     (369607.0, 3810561.9,   497.3,   1482.1,   0.0);   (369302.9,
3810303.1,   476.0,   1482.1,   0.0);
     (369300.8, 3810269.9,   476.2,   1482.1,   0.0);   (369298.6,
3810236.7,   478.1,   1482.1,   0.0);
     (369296.4, 3810203.4,   481.8,   1482.1,   0.0);   (369294.2,
3810170.2,   481.9,   1482.1,   0.0);
     (369292.1, 3810136.9,   477.5,   1482.1,   0.0);   (369289.9,
3810103.7,   473.0,   1482.1,   0.0);
     (369287.7, 3810070.5,   470.5,   1482.1,   0.0);   (369552.7,
3810645.9,   523.6,   1482.1,   0.0);
     (369879.1, 3810188.2,   474.8,   1482.1,   0.0);   (369887.5,
3810212.3,   473.6,   1482.1,   0.0);
     (369862.8, 3810208.8,   473.2,   1482.1,   0.0);   (369893.2,
3810236.1,   473.7,   1482.1,   0.0);
     (369865.7, 3810232.1,   473.4,   1482.1,   0.0);   (369921.4,
3810332.1,   473.9,   1482.1,   0.0);
     (369893.9, 3810328.1,   473.3,   1482.1,   0.0);   (369866.4,
3810324.1,   472.5,   1482.1,   0.0);
     (369838.8, 3810320.1,   472.4,   1482.1,   0.0);   (369811.3,
3810316.1,   472.6,   1482.1,   0.0);
     (369949.6, 3810329.8,   474.8,   1482.1,   0.0);   (369948.8,
3810427.9,   476.5,   1482.1,   0.0);
     (369919.7, 3810423.7,   476.6,   1482.1,   0.0);   (369890.5,
3810419.4,   476.4,   1482.1,   0.0);
     (369861.4, 3810415.2,   476.1,   1482.1,   0.0);   (369832.3,
3810411.0,   475.8,   1482.1,   0.0);
     (369803.1, 3810406.7,   475.7,   1482.1,   0.0);   (369774.0,
3810402.5,   475.8,   1482.1,   0.0);
     (369744.8, 3810398.3,   475.6,   1482.1,   0.0);   (369977.8,

3810425.8,   476.4,   1482.1,   0.0);
     (369977.2, 3810523.9,   478.9,   1482.1,   0.0);   (369948.5,
3810519.7,   480.6,   1482.1,   0.0);
     (369919.8, 3810515.5,   481.8,   1482.1,   0.0);   (369891.1,
3810511.3,   482.1,   1482.1,   0.0);
     (369862.4, 3810507.2,   481.8,   1482.1,   0.0);   (369833.7,
3810503.0,   481.5,   1482.1,   0.0);
     (369804.9, 3810498.8,   481.1,   1482.1,   0.0);   (369776.2,
3810494.7,   480.4,   1482.1,   0.0);
     (369747.5, 3810490.5,   479.9,   1482.1,   0.0);   (369718.8,
3810486.3,   480.1,   1482.1,   0.0);
     (369690.1, 3810482.1,   480.3,   1482.1,   0.0);   (370006.0,
3810521.7,   480.7,   1482.1,   0.0);
     (370005.1, 3810619.8,   479.9,   1482.1,   0.0);   (369975.6,
3810615.5,   478.4,   1482.1,   0.0);
     (369946.1, 3810611.2,   479.1,   1482.1,   0.0);   (369916.6,
3810606.9,   481.6,   1482.1,   0.0);
     (369887.1, 3810602.6,   481.5,   1482.1,   0.0);   (369857.6,
3810598.3,   481.0,   1482.1,   0.0);
     (369828.1, 3810594.0,   481.5,   1482.1,   0.0);   (369798.7,
3810589.8,   482.4,   1482.1,   0.0);
     (369769.2, 3810585.5,   479.8,   1482.1,   0.0);   (369739.7,
3810581.2,   479.7,   1482.1,   0.0);
     (369710.2, 3810576.9,   480.2,   1482.1,   0.0);   (369680.7,
3810572.6,   482.7,   1482.1,   0.0);
     (369651.2, 3810568.3,   485.4,   1482.1,   0.0);   (370034.2,
3810617.7,   480.5,   1482.1,   0.0);
     (370033.5, 3810715.7,   482.8,   1482.1,   0.0);   (370004.3,
3810711.5,   482.7,   1482.1,   0.0);
     (369975.2, 3810707.2,   481.9,   1482.1,   0.0);   (369946.0,
3810703.0,   482.9,   1482.1,   0.0);
     (369916.9, 3810698.8,   486.4,   1482.1,   0.0);   (369887.8,
3810694.5,   487.2,   1482.1,   0.0);
     (369858.6, 3810690.3,   492.4,   1482.1,   0.0);   (369829.5,
3810686.1,   495.2,   1482.1,   0.0);
     (369800.3, 3810681.8,   487.3,   1482.1,   0.0);   (369771.2,
3810677.6,   483.2,   1482.1,   0.0);
     (369742.1, 3810673.4,   491.1,   1482.1,   0.0);   (369712.9,
3810669.1,   504.1,   1482.1,   0.0);
     (369683.8, 3810664.9,   506.9,   1482.1,   0.0);   (369654.6,
3810660.7,   501.2,   1482.1,   0.0);
     (369625.5, 3810656.4,   497.1,   1482.1,   0.0);   (369596.4,
3810652.2,   502.0,   1482.1,   0.0);
     (370062.4, 3810713.6,   483.1,   1482.1,   0.0);   (369930.0,
3810171.2,   476.5,   1482.1,   0.0);
     (369915.7, 3810247.0,   473.9,   1482.1,   0.0);   (369793.0,
3810520.8,   480.6,   1482.1,   0.0);
     (369735.8, 3810604.7,   483.5,   1482.1,   0.0);   (369678.5,
3810688.6,   514.0,   1482.1,   0.0);
     (369711.2, 3810703.3,   508.6,   1482.1,   0.0);   (369951.0,

3810180.1,   476.4,   1482.1,   0.0);
     (369974.7, 3810185.5,   476.4,   1482.1,   0.0);   (370069.5,
3810207.2,   487.9,   1482.1,   0.0);
     (369969.1, 3810209.9,   475.9,   1482.1,   0.0);   (369992.8,
3810215.3,   475.9,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (369987.3, 3810239.7,   474.5,   1482.1,   0.0);   (370011.0,
3810245.1,   474.4,   1482.1,   0.0);
     (370034.6, 3810250.5,   474.5,   1482.1,   0.0);   (370058.3,
3810255.9,   474.9,   1482.1,   0.0);
     (370005.4, 3810269.5,   474.5,   1482.1,   0.0);   (370029.1,
3810274.9,   474.8,   1482.1,   0.0);
     (370052.8, 3810280.3,   474.9,   1482.1,   0.0);   (369935.7,
3810356.1,   473.9,   1482.1,   0.0);
     (369959.4, 3810361.5,   474.0,   1482.1,   0.0);   (369983.1,
3810366.9,   474.2,   1482.1,   0.0);
     (370006.8, 3810372.4,   474.4,   1482.1,   0.0);   (369871.1,
3810442.0,   476.3,   1482.1,   0.0);
     (369913.4, 3810453.6,   476.8,   1482.1,   0.0);   (369937.1,
3810459.0,   477.9,   1482.1,   0.0);
     (369960.8, 3810464.4,   477.9,   1482.1,   0.0);   (369984.5,
3810469.8,   479.5,   1482.1,   0.0);
     (370008.2, 3810475.3,   481.6,   1482.1,   0.0);   (369848.8,
3810539.4,   477.1,   1482.1,   0.0);
     (369891.1, 3810551.1,   477.7,   1482.1,   0.0);   (369914.8,
3810556.5,   478.9,   1482.1,   0.0);
     (369938.5, 3810561.9,   478.5,   1482.1,   0.0);   (369962.2,
3810567.3,   477.9,   1482.1,   0.0);
     (369985.9, 3810572.8,   478.1,   1482.1,   0.0);   (369826.5,
3810636.9,   482.4,   1482.1,   0.0);
     (369789.3, 3810624.5,   482.1,   1482.1,   0.0);   (369868.9,
3810648.6,   484.7,   1482.1,   0.0);
     (369892.5, 3810654.0,   484.8,   1482.1,   0.0);   (369916.2,
3810659.4,   484.6,   1482.1,   0.0);
     (369939.9, 3810664.8,   481.6,   1482.1,   0.0);   (369963.6,
3810670.2,   480.5,   1482.1,   0.0);
     (369800.5, 3810733.2,   496.1,   1482.1,   0.0);   (369778.2,
3810725.7,   489.5,   1482.1,   0.0);
     (369755.9, 3810718.2,   489.0,   1482.1,   0.0);   (369733.5,

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3810710.7,     496.3,    1482.1,       0.0);
     ( 369822.9, 3810740.6,     505.8,    1482.1,       0.0);         ( 369846.6,
3810746.1,     503.9,    1482.1,       0.0);
     ( 369870.3, 3810751.5,     491.5,    1482.1,       0.0);         ( 369894.0,
3810756.9,     489.2,    1482.1,       0.0);
     ( 369917.6, 3810762.3,     489.0,    1482.1,       0.0);         ( 369941.3,
3810767.7,     489.1,    1482.1,       0.0);
     ( 370097.2, 3810203.4,     481.2,    1482.1,       0.0);         ( 370086.3,
3810231.5,     475.5,    1482.1,       0.0);
     ( 370119.3, 3810223.9,     476.6,    1482.1,       0.0);         ( 370108.4,
3810252.1,     475.4,    1482.1,       0.0);
     ( 370136.5, 3810373.9,     475.6,    1482.1,       0.0);         ( 370125.8,
3810475.1,     482.9,    1482.1,       0.0);
     ( 370092.2, 3810475.2,     482.4,    1482.1,       0.0);         ( 370058.6,
3810475.2,     482.1,    1482.1,       0.0);
     ( 370148.8, 3810572.6,     479.7,    1482.1,       0.0);         ( 370116.2,
3810572.6,     479.4,    1482.1,       0.0);
     ( 370083.6, 3810572.6,     479.5,    1482.1,       0.0);         ( 370051.0,
3810572.7,     479.9,    1482.1,       0.0);
     ( 370018.5, 3810572.7,     479.9,    1482.1,       0.0);         ( 370181.5,
3810568.7,     479.8,    1482.1,       0.0);
     ( 370171.5, 3810670.0,     484.0,    1482.1,       0.0);         ( 370139.6,
3810670.0,     483.9,    1482.1,       0.0);
     ( 370107.6, 3810670.1,     483.7,    1482.1,       0.0);         ( 370075.6,
3810670.1,     482.3,    1482.1,       0.0);
     ( 370043.6, 3810670.1,     481.7,    1482.1,       0.0);         ( 370011.6,
3810670.2,     481.7,    1482.1,       0.0);
     ( 370204.0, 3810666.2,     484.1,    1482.1,       0.0);         ( 370193.2,
3810767.4,     493.0,    1482.1,       0.0);
     ( 370159.7, 3810767.5,     500.4,    1482.1,       0.0);         ( 370126.1,
3810767.5,     498.8,    1482.1,       0.0);
     ( 370092.5, 3810767.6,     492.2,    1482.1,       0.0);         ( 370058.9,
3810767.6,     485.5,    1482.1,       0.0);
     ( 370025.3, 3810767.6,     485.5,    1482.1,       0.0);         ( 369991.7,
3810767.7,     484.7,    1482.1,       0.0);
     ( 370226.5, 3810763.6,     488.9,    1482.1,       0.0);         ( 369890.0,
3810626.2,     483.3,    1482.1,       0.0);
     ( 369840.9, 3810713.3,     502.6,    1482.1,       0.0);         ( 370144.5,
3810239.5,     475.7,    1482.1,       0.0);
     ( 370132.2, 3810261.3,     475.8,    1482.1,       0.0);         ( 370171.6,
3810285.3,     475.9,    1482.1,       0.0);
     ( 370172.5, 3810386.9,     476.1,    1482.1,       0.0);         ( 370174.2,
3810482.4,     483.3,    1482.1,       0.0);
     ( 370038.8, 3810460.2,     479.5,    1482.1,       0.0);         ( 370209.0,
3810481.8,     483.6,    1482.1,       0.0);
     ( 370006.7, 3810550.1,     478.2,    1482.1,       0.0);         ( 369955.9,
3810541.8,     477.7,    1482.1,       0.0);
     ( 370209.9, 3810583.4,     480.1,    1482.1,       0.0);         ( 370245.4,
3810576.6,     480.5,    1482.1,       0.0);
     ( 370032.5, 3810649.5,     481.4,    1482.1,       0.0);         ( 369996.9,
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3810643.7,   480.0,   1482.1,   0.0);
     (369961.2, 3810637.9,   479.3,   1482.1,   0.0);   (369925.6,
3810632.0,   482.6,   1482.1,   0.0);
     (370228.5, 3810681.6,   484.2,   1482.1,   0.0);   (370264.1,
3810674.8,   484.3,   1482.1,   0.0);
     (370035.2, 3810745.1,   483.7,   1482.1,   0.0);   (369999.9,
3810739.4,   483.4,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (369964.6, 3810733.6,   483.4,   1482.1,   0.0);   (369929.2,
3810727.8,   486.2,   1482.1,   0.0);
     (369893.9, 3810722.0,   488.3,   1482.1,   0.0);   (370247.2,
3810779.8,   488.3,   1482.1,   0.0);
     (370282.8, 3810773.1,   487.8,   1482.1,   0.0);   (370197.7,
3810206.9,   478.0,   1482.1,   0.0);
     (370201.0, 3810256.8,   476.2,   1482.1,   0.0);   (370202.7,
3810281.7,   476.5,   1482.1,   0.0);
     (370196.7, 3810382.4,   476.2,   1482.1,   0.0);   (370210.8,
3810782.3,   489.8,   1482.1,   0.0);
     (370233.3, 3810215.2,   479.8,   1482.1,   0.0);   (370261.3,
3810183.9,   489.7,   1482.1,   0.0);
     (370266.0, 3810216.2,   479.1,   1482.1,   0.0);   (370284.6,
3810232.9,   476.4,   1482.1,   0.0);
     (370328.3, 3810323.4,   479.2,   1482.1,   0.0);   (370294.3,
3810340.0,   477.8,   1482.1,   0.0);
     (370401.4, 3810390.7,   481.1,   1482.1,   0.0);   (370327.3,
3810426.9,   481.4,   1482.1,   0.0);
     (370290.2, 3810445.1,   483.3,   1482.1,   0.0);   (370433.9,
3810366.0,   480.3,   1482.1,   0.0);
     (370458.3, 3810465.9,   485.9,   1482.1,   0.0);   (370422.1,
3810483.6,   485.0,   1482.1,   0.0);
     (370385.8, 3810501.4,   482.4,   1482.1,   0.0);   (370331.5,
3810527.9,   480.4,   1482.1,   0.0);
     (370295.2, 3810545.6,   480.5,   1482.1,   0.0);   (370522.5,
3810416.9,   481.8,   1482.1,   0.0);
     (370551.3, 3810523.5,   485.0,   1482.1,   0.0);   (370497.6,
3810549.8,   485.9,   1482.1,   0.0);
     (370461.9, 3810567.2,   485.4,   1482.1,   0.0);   (370426.1,
3810584.7,   484.9,   1482.1,   0.0);
     (370390.4, 3810602.2,   484.3,   1482.1,   0.0);   (370354.6,

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3810619.7,     482.4,    1482.1,       0.0);
     ( 370318.8, 3810637.1,     482.5,    1482.1,       0.0);         ( 370283.1,
3810654.6,     483.9,    1482.1,       0.0);
     ( 370583.1, 3810499.1,     487.1,    1482.1,       0.0);         ( 370625.3,
3810590.4,     487.9,    1482.1,       0.0);
     ( 370588.2, 3810608.5,     489.7,    1482.1,       0.0);         ( 370551.1,
3810626.6,     492.4,    1482.1,       0.0);
     ( 370514.1, 3810644.8,     488.6,    1482.1,       0.0);         ( 370477.0,
3810662.9,     486.5,    1482.1,       0.0);
     ( 370440.0, 3810681.0,     486.7,    1482.1,       0.0);         ( 370402.9,
3810699.1,     487.1,    1482.1,       0.0);
     ( 370365.8, 3810717.2,     487.2,    1482.1,       0.0);         ( 370328.8,
3810735.3,     486.3,    1482.1,       0.0);
     ( 370657.8, 3810565.7,     488.9,    1482.1,       0.0);         ( 370310.1,
3810228.2,     477.2,    1482.1,       0.0);
     ( 370352.1, 3810424.7,     481.3,    1482.1,       0.0);         ( 370419.7,
3810508.1,     482.2,    1482.1,       0.0);
     ( 370412.8, 3810615.3,     485.9,    1482.1,       0.0);         ( 370450.0,
3810603.4,     485.8,    1482.1,       0.0);
     ( 370405.9, 3810722.4,     487.6,    1482.1,       0.0);         ( 370443.1,
3810710.6,     488.0,    1482.1,       0.0);
     ( 370480.3, 3810698.7,     487.6,    1482.1,       0.0);         ( 370315.6,
3810145.1,     480.6,    1482.1,       0.0);
     ( 370332.8, 3810163.3,     478.9,    1482.1,       0.0);         ( 370365.2,
3810167.1,     478.6,    1482.1,       0.0);
     ( 370420.4, 3810281.4,     479.5,    1482.1,       0.0);         ( 370471.6,
3810364.4,     480.8,    1482.1,       0.0);
     ( 370556.1, 3810427.8,     482.0,    1482.1,       0.0);         ( 370487.9,
3810467.9,     486.4,    1482.1,       0.0);
     ( 370588.4, 3810403.3,     482.4,    1482.1,       0.0);         ( 370624.4,
3810500.7,     488.1,    1482.1,       0.0);
     ( 370589.5, 3810521.2,     486.1,    1482.1,       0.0);         ( 370502.3,
3810572.6,     486.6,    1482.1,       0.0);
     ( 370657.0, 3810476.0,     489.2,    1482.1,       0.0);         ( 370692.8,
3810573.5,     489.7,    1482.1,       0.0);
     ( 370657.4, 3810594.4,     488.1,    1482.1,       0.0);         ( 370622.0,
3810615.3,     490.6,    1482.1,       0.0);
     ( 370586.6, 3810636.1,     492.5,    1482.1,       0.0);         ( 370551.1,
3810657.0,     491.8,    1482.1,       0.0);
     ( 370515.7, 3810677.9,     488.4,    1482.1,       0.0);         ( 370725.7,
3810548.7,     490.4,    1482.1,       0.0);
     ( 370339.7, 3810134.9,     480.4,    1482.1,       0.0);         ( 370363.1,
3810132.4,     480.4,    1482.1,       0.0);
     ( 370389.1, 3810154.7,     479.3,    1482.1,       0.0);         ( 370391.8,
3810179.5,     478.3,    1482.1,       0.0);
     ( 370415.2, 3810177.0,     478.4,    1482.1,       0.0);         ( 370438.5,
3810174.4,     478.8,    1482.1,       0.0);
     ( 370417.9, 3810201.8,     478.1,    1482.1,       0.0);         ( 370441.2,
3810199.3,     478.4,    1482.1,       0.0);
     ( 370405.3, 3810303.8,     479.2,    1482.1,       0.0);         ( 370452.0,
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3810298.7,   479.7,   1482.1,   0.0);
     (370439.5, 3810400.7,   480.7,   1482.1,   0.0);   (370462.8,
3810398.1,   481.2,   1482.1,   0.0);
     (370450.3, 3810500.1,   483.2,   1482.1,   0.0);   (370473.6,
3810497.5,   483.8,   1482.1,   0.0);
     (370484.4, 3810597.0,   487.9,   1482.1,   0.0);   (370469.8,
3810120.8,   479.9,   1482.1,   0.0);
     (370475.1, 3810170.5,   479.1,   1482.1,   0.0);   (370477.8,
3810195.4,   479.1,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (370488.5, 3810294.8,   479.9,   1482.1,   0.0);   (370499.2,
3810394.2,   480.9,   1482.1,   0.0);
     (370509.9, 3810493.6,   485.0,   1482.1,   0.0);   (370520.6,
3810593.1,   486.8,   1482.1,   0.0);
     (370549.6, 3810690.5,   491.3,   1482.1,   0.0);   (370336.4,
3810228.2,   477.6,   1482.1,   0.0);
     (370169.7, 3810339.6,   476.2,   1482.1,   0.0);   (370090.8,
3810401.0,   476.2,   1482.1,   0.0);
     (370029.6, 3810485.2,   482.5,   1482.1,   0.0);   (370526.9,
3810167.6,   479.7,   1482.1,   0.0);
     (370500.7, 3810191.8,   479.5,   1482.1,   0.0);   (370526.0,
3810192.6,   479.6,   1482.1,   0.0);
     (370499.8, 3810216.8,   479.3,   1482.1,   0.0);   (370525.2,
3810217.6,   479.2,   1482.1,   0.0);
     (370399.3, 3810267.1,   479.3,   1482.1,   0.0);   (370377.7,
3810256.1,   478.7,   1482.1,   0.0);
     (370356.1, 3810245.1,   478.4,   1482.1,   0.0);   (370496.5,
3810316.7,   480.0,   1482.1,   0.0);
     (370521.9, 3810317.5,   480.4,   1482.1,   0.0);   (370482.3,
3810411.1,   481.0,   1482.1,   0.0);
     (370396.0, 3810367.1,   480.4,   1482.1,   0.0);   (370374.4,
3810356.1,   479.5,   1482.1,   0.0);
     (370352.8, 3810345.1,   479.3,   1482.1,   0.0);   (370277.2,
3810306.5,   477.0,   1482.1,   0.0);
     (370400.2, 3810470.9,   485.8,   1482.1,   0.0);   (370377.8,
3810459.5,   485.1,   1482.1,   0.0);
     (370355.4, 3810448.1,   484.7,   1482.1,   0.0);   (370299.4,
3810419.5,   479.9,   1482.1,   0.0);
     (370277.0, 3810408.1,   478.7,   1482.1,   0.0);   (370489.8,

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3810516.6,     484.1,    1482.1,       0.0);
     ( 370397.5, 3810571.2,     484.1,    1482.1,       0.0);         ( 370375.3,
3810559.9,     482.9,    1482.1,       0.0);
     ( 370353.1, 3810548.5,     481.9,    1482.1,       0.0);         ( 370308.6,
3810525.8,     480.0,    1482.1,       0.0);
     ( 370286.4, 3810514.5,     479.7,    1482.1,       0.0);         ( 370253.0,
3810497.5,     481.4,    1482.1,       0.0);
     ( 370499.1, 3810616.9,     487.4,    1482.1,       0.0);         ( 370394.6,
3810671.4,     486.3,    1482.1,       0.0);
     ( 370372.5, 3810660.1,     485.7,    1482.1,       0.0);         ( 370350.4,
3810648.8,     484.4,    1482.1,       0.0);
     ( 370295.1, 3810620.6,     482.1,    1482.1,       0.0);         ( 370273.0,
3810609.3,     481.8,    1482.1,       0.0);
     ( 370162.3, 3810552.9,     479.1,    1482.1,       0.0);         ( 370140.2,
3810541.6,     478.4,    1482.1,       0.0);
     ( 370118.1, 3810530.4,     478.9,    1482.1,       0.0);         ( 370096.0,
3810519.1,     479.9,    1482.1,       0.0);
     ( 370073.9, 3810507.8,     481.1,    1482.1,       0.0);         ( 370495.8,
3810716.9,     488.6,    1482.1,       0.0);
     ( 370547.9, 3810133.5,     479.6,    1482.1,       0.0);         ( 370567.3,
3810109.8,     480.1,    1482.1,       0.0);
     ( 370586.7, 3810125.7,     480.4,    1482.1,       0.0);         ( 370548.3,
3810188.2,     479.7,    1482.1,       0.0);
     ( 370593.8, 3810190.3,     480.3,    1482.1,       0.0);         ( 370554.9,
3810211.7,     479.4,    1482.1,       0.0);
     ( 370671.1, 3810253.8,     481.9,    1482.1,       0.0);         ( 370635.0,
3810281.5,     481.1,    1482.1,       0.0);
     ( 370596.1, 3810302.8,     480.9,    1482.1,       0.0);         ( 370566.4,
3810308.7,     480.8,    1482.1,       0.0);
     ( 370692.8, 3810232.8,     482.3,    1482.1,       0.0);         ( 370748.4,
3810317.3,     483.2,    1482.1,       0.0);
     ( 370724.3, 3810335.7,     482.6,    1482.1,       0.0);         ( 370700.3,
3810354.1,     482.4,    1482.1,       0.0);
     ( 370676.2, 3810372.6,     482.7,    1482.1,       0.0);         ( 370637.3,
3810393.9,     482.7,    1482.1,       0.0);
     ( 370770.1, 3810296.2,     483.3,    1482.1,       0.0);         ( 370825.6,
3810380.8,     483.4,    1482.1,       0.0);
     ( 370801.6, 3810399.2,     483.0,    1482.1,       0.0);         ( 370777.5,
3810417.6,     485.7,    1482.1,       0.0);
     ( 370753.5, 3810436.0,     486.3,    1482.1,       0.0);         ( 370729.5,
3810454.5,     486.6,    1482.1,       0.0);
     ( 370705.4, 3810472.9,     489.1,    1482.1,       0.0);         ( 370678.6,
3810485.0,     489.6,    1482.1,       0.0);
     ( 370530.0, 3810514.5,     484.7,    1482.1,       0.0);         ( 370847.4,
3810359.7,     483.8,    1482.1,       0.0);
     ( 370902.9, 3810444.2,     484.4,    1482.1,       0.0);         ( 370878.9,
3810462.7,     485.5,    1482.1,       0.0);
     ( 370854.8, 3810481.1,     489.7,    1482.1,       0.0);         ( 370830.8,
3810499.5,     493.1,    1482.1,       0.0);
     ( 370806.8, 3810517.9,     492.3,    1482.1,       0.0);         ( 370782.7,
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3810536.4,   491.5,   1482.1,   0.0);
     (370758.7, 3810554.8,   490.5,   1482.1,   0.0);   (370719.8,
3810576.2,   490.9,   1482.1,   0.0);
     (370924.6, 3810423.2,   484.4,   1482.1,   0.0);   (370980.2,
3810507.7,   488.2,   1482.1,   0.0);
     (370956.1, 3810526.1,   493.0,   1482.1,   0.0);   (370932.1,
3810544.6,   495.2,   1482.1,   0.0);
     (370908.1, 3810563.0,   495.2,   1482.1,   0.0);   (370884.0,
3810581.4,   496.7,   1482.1,   0.0);
     (370860.0, 3810599.8,   496.4,   1482.1,   0.0);   (370836.0,
3810618.3,   494.9,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370811.9, 3810636.7,   493.4,   1482.1,   0.0);   (370787.9,
3810655.1,   492.8,   1482.1,   0.0);
     (370761.0, 3810667.3,   492.2,   1482.1,   0.0);   (370731.3,
3810673.2,   492.8,   1482.1,   0.0);
     (370701.6, 3810679.0,   491.5,   1482.1,   0.0);   (370671.9,
3810684.9,   491.1,   1482.1,   0.0);
     (370642.2, 3810690.8,   492.8,   1482.1,   0.0);   (370612.5,
3810696.7,   492.7,   1482.1,   0.0);
     (370582.8, 3810702.6,   492.5,   1482.1,   0.0);   (370538.2,
3810711.4,   489.9,   1482.1,   0.0);
     (371001.9, 3810486.7,   486.2,   1482.1,   0.0);   (370553.8,
3810393.9,   481.4,   1482.1,   0.0);
     (370555.8, 3810493.9,   486.2,   1482.1,   0.0);   (370557.7,
3810593.9,   486.8,   1482.1,   0.0);
     (370620.5, 3810108.0,   480.8,   1482.1,   0.0);   (370657.8,
3810092.0,   481.1,   1482.1,   0.0);
     (370630.5, 3810131.0,   480.8,   1482.1,   0.0);   (370667.7,
3810114.9,   481.4,   1482.1,   0.0);
     (370659.0, 3810145.9,   481.6,   1482.1,   0.0);   (370696.2,
3810129.8,   481.6,   1482.1,   0.0);
     (370631.7, 3810184.9,   480.0,   1482.1,   0.0);   (370668.9,
3810168.8,   481.2,   1482.1,   0.0);
     (370706.1, 3810152.8,   482.0,   1482.1,   0.0);   (370671.3,
3810276.7,   481.9,   1482.1,   0.0);
     (370708.5, 3810260.7,   482.4,   1482.1,   0.0);   (370745.8,
3810244.6,   482.8,   1482.1,   0.0);
     (370729.6, 3810360.5,   482.2,   1482.1,   0.0);   (370766.8,

3810344.4,   483.0,   1482.1,   0.0);
     (370769.2, 3810452.3,   488.4,   1482.1,   0.0);   (370806.4,
3810436.2,   486.3,   1482.1,   0.0);
     (370808.8, 3810544.1,   492.4,   1482.1,   0.0);   (370846.1,
3810528.0,   493.1,   1482.1,   0.0);
     (370867.1, 3810627.9,   496.5,   1482.1,   0.0);   (370904.3,
3810611.8,   498.2,   1482.1,   0.0);
     (370683.3, 3810079.4,   480.9,   1482.1,   0.0);   (370701.6,
3810062.7,   481.9,   1482.1,   0.0);
     (370719.9, 3810046.1,   483.9,   1482.1,   0.0);   (370738.1,
3810029.4,   484.6,   1482.1,   0.0);
     (370756.4, 3810012.7,   485.1,   1482.1,   0.0);   (370774.7,
3809996.0,   486.4,   1482.1,   0.0);
     (370700.2, 3810097.9,   481.4,   1482.1,   0.0);   (370718.5,
3810081.2,   482.1,   1482.1,   0.0);
     (370736.7, 3810064.5,   483.7,   1482.1,   0.0);   (370755.0,
3810047.8,   484.4,   1482.1,   0.0);
     (370773.3, 3810031.1,   485.0,   1482.1,   0.0);   (370791.5,
3810014.5,   485.3,   1482.1,   0.0);
     (370717.1, 3810116.3,   481.7,   1482.1,   0.0);   (370735.3,
3810099.7,   481.7,   1482.1,   0.0);
     (370753.6, 3810083.0,   482.8,   1482.1,   0.0);   (370771.9,
3810066.3,   484.3,   1482.1,   0.0);
     (370790.1, 3810049.6,   484.9,   1482.1,   0.0);   (370808.4,
3810032.9,   485.4,   1482.1,   0.0);
     (370733.9, 3810134.8,   481.9,   1482.1,   0.0);   (370752.2,
3810118.1,   481.7,   1482.1,   0.0);
     (370770.5, 3810101.4,   481.9,   1482.1,   0.0);   (370788.7,
3810084.7,   483.7,   1482.1,   0.0);
     (370807.0, 3810068.1,   484.7,   1482.1,   0.0);   (370825.3,
3810051.4,   485.2,   1482.1,   0.0);
     (370782.8, 3810220.6,   483.3,   1482.1,   0.0);   (370819.6,
3810191.9,   482.5,   1482.1,   0.0);
     (370837.9, 3810175.3,   482.2,   1482.1,   0.0);   (370856.2,
3810158.6,   483.2,   1482.1,   0.0);
     (370874.4, 3810141.9,   484.1,   1482.1,   0.0);   (370892.7,
3810125.2,   484.8,   1482.1,   0.0);
     (370852.1, 3810293.2,   483.9,   1482.1,   0.0);   (370818.8,
3810314.8,   484.0,   1482.1,   0.0);
     (370887.1, 3810265.8,   484.5,   1482.1,   0.0);   (370905.3,
3810249.1,   483.3,   1482.1,   0.0);
     (370923.6, 3810232.4,   482.7,   1482.1,   0.0);   (370941.9,
3810215.7,   482.8,   1482.1,   0.0);
     (370960.1, 3810199.0,   484.7,   1482.1,   0.0);   (370917.7,
3810368.3,   484.7,   1482.1,   0.0);
     (370880.6, 3810392.2,   484.2,   1482.1,   0.0);   (370843.6,
3810416.2,   483.9,   1482.1,   0.0);
     (370954.5, 3810339.6,   485.2,   1482.1,   0.0);   (370972.8,
3810322.9,   485.2,   1482.1,   0.0);
     (370991.1, 3810306.2,   485.3,   1482.1,   0.0);   (371009.3,

3810289.5,   484.5,   1482.1,   0.0);
     (371027.6, 3810272.9,   483.2,   1482.1,   0.0);   (370983.8,
3810443.0,   485.5,   1482.1,   0.0);
     (370964.0, 3810455.8,   485.5,   1482.1,   0.0);   (370944.1,
3810468.6,   485.8,   1482.1,   0.0);
     (370924.3, 3810481.5,   486.2,   1482.1,   0.0);   (370904.4,
3810494.3,   488.4,   1482.1,   0.0);
     (370884.5, 3810507.2,   491.8,   1482.1,   0.0);   (371003.7,
3810430.1,   485.4,   1482.1,   0.0);
     (371022.0, 3810413.4,   485.2,   1482.1,   0.0);   (371040.2,
3810396.8,   485.8,   1482.1,   0.0);
     (371058.5, 3810380.1,   486.4,   1482.1,   0.0);   (371076.8,
3810363.4,   486.5,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371095.0, 3810346.7,   486.5,   1482.1,   0.0);   (371052.6,
3810515.9,   487.7,   1482.1,   0.0);
     (371015.5, 3810539.9,   491.8,   1482.1,   0.0);   (370978.5,
3810563.9,   496.7,   1482.1,   0.0);
     (370941.4, 3810587.8,   499.2,   1482.1,   0.0);   (371089.4,
3810487.3,   486.3,   1482.1,   0.0);
     (371107.7, 3810470.6,   486.5,   1482.1,   0.0);   (371126.0,
3810453.9,   486.9,   1482.1,   0.0);
     (371144.2, 3810437.2,   486.4,   1482.1,   0.0);   (371162.5,
3810420.5,   485.4,   1482.1,   0.0);
     (370823.6, 3810014.7,   485.6,   1482.1,   0.0);   (370847.0,
3810018.9,   486.0,   1482.1,   0.0);
     (370870.4, 3810023.1,   487.9,   1482.1,   0.0);   (370893.8,
3810027.3,   488.4,   1482.1,   0.0);
     (370917.2, 3810031.4,   489.9,   1482.1,   0.0);   (370940.7,
3810035.6,   494.6,   1482.1,   0.0);
     (370964.1, 3810039.8,   493.0,   1482.1,   0.0);   (370987.5,
3810044.0,   490.2,   1482.1,   0.0);
     (371010.9, 3810048.2,   491.6,   1482.1,   0.0);   (370866.0,
3810047.7,   485.4,   1482.1,   0.0);
     (370889.5, 3810051.9,   485.5,   1482.1,   0.0);   (370912.9,
3810056.0,   486.2,   1482.1,   0.0);
     (370936.3, 3810060.2,   488.6,   1482.1,   0.0);   (370959.7,
3810064.4,   492.2,   1482.1,   0.0);
     (370983.1, 3810068.6,   495.2,   1482.1,   0.0);   (371006.5,

```
3810072.8,     493.8,    1482.1,       0.0);
     ( 370861.6, 3810072.3,     484.9,    1482.1,       0.0);         ( 370885.0,
3810076.5,     484.9,    1482.1,       0.0);
     ( 370908.5, 3810080.7,     485.1,    1482.1,       0.0);         ( 370931.9,
3810084.8,     485.4,    1482.1,       0.0);
     ( 370955.3, 3810089.0,     487.3,    1482.1,       0.0);         ( 370978.7,
3810093.2,     490.1,    1482.1,       0.0);
     ( 371002.1, 3810097.4,     494.5,    1482.1,       0.0);         ( 370833.8,
3810092.7,     484.4,    1482.1,       0.0);
     ( 370857.2, 3810096.9,     484.8,    1482.1,       0.0);         ( 370880.6,
3810101.1,     484.3,    1482.1,       0.0);
     ( 370904.1, 3810105.3,     484.8,    1482.1,       0.0);         ( 370927.5,
3810109.5,     485.1,    1482.1,       0.0);
     ( 370950.9, 3810113.6,     485.4,    1482.1,       0.0);         ( 370974.3,
3810117.8,     487.0,    1482.1,       0.0);
     ( 370997.7, 3810122.0,     490.4,    1482.1,       0.0);         ( 370722.6,
3810174.4,     480.7,    1482.1,       0.0);
     ( 370746.0, 3810178.6,     480.5,    1482.1,       0.0);         ( 370769.4,
3810182.8,     480.9,    1482.1,       0.0);
     ( 370792.8, 3810187.0,     481.6,    1482.1,       0.0);         ( 370863.0,
3810199.5,     482.0,    1482.1,       0.0);
     ( 370886.5, 3810203.7,     481.8,    1482.1,       0.0);         ( 370909.9,
3810207.9,     482.3,    1482.1,       0.0);
     ( 370980.1, 3810220.4,     482.9,    1482.1,       0.0);         ( 370728.4,
3810277.0,     483.0,    1482.1,       0.0);
     ( 370751.8, 3810281.2,     483.2,    1482.1,       0.0);         ( 370798.6,
3810289.6,     483.5,    1482.1,       0.0);
     ( 370892.3, 3810306.3,     484.6,    1482.1,       0.0);         ( 370915.7,
3810310.5,     484.9,    1482.1,       0.0);
     ( 370939.1, 3810314.7,     485.1,    1482.1,       0.0);         ( 370710.8,
3810375.5,     482.1,    1482.1,       0.0);
     ( 370757.6, 3810383.8,     483.2,    1482.1,       0.0);         ( 370781.0,
3810388.0,     483.1,    1482.1,       0.0);
     ( 370898.1, 3810409.0,     484.5,    1482.1,       0.0);         ( 370740.0,
3810482.3,     488.6,    1482.1,       0.0);
     ( 370763.4, 3810486.5,     489.5,    1482.1,       0.0);         ( 370786.8,
3810490.7,     490.8,    1482.1,       0.0);
     ( 370927.3, 3810515.8,     491.5,    1482.1,       0.0);         ( 370745.8,
3810584.9,     491.2,    1482.1,       0.0);
     ( 370769.2, 3810589.1,     491.1,    1482.1,       0.0);         ( 370792.7,
3810593.3,     492.3,    1482.1,       0.0);
     ( 370816.1, 3810597.5,     494.7,    1482.1,       0.0);         ( 371046.6,
3810082.6,     501.7,    1482.1,       0.0);
     ( 371071.1, 3810084.3,     509.6,    1482.1,       0.0);         ( 371095.5,
3810086.0,     516.7,    1482.1,       0.0);
     ( 371120.0, 3810087.8,     522.3,    1482.1,       0.0);         ( 371144.4,
3810089.5,     523.4,    1482.1,       0.0);
     ( 371044.8, 3810107.5,     500.7,    1482.1,       0.0);         ( 371069.3,
3810109.3,     510.3,    1482.1,       0.0);
     ( 371093.8, 3810111.0,     520.9,    1482.1,       0.0);         ( 371118.2,
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3810112.7,   529.9,   1482.1,   0.0);
     (371142.7, 3810114.4,   532.5,   1482.1,   0.0);   (371018.6,
3810130.7,   493.9,   1482.1,   0.0);
     (371043.1, 3810132.5,   499.0,   1482.1,   0.0);   (371067.5,
3810134.2,   507.6,   1482.1,   0.0);
     (371092.0, 3810135.9,   520.7,   1482.1,   0.0);   (371116.4,
3810137.7,   532.3,   1482.1,   0.0);
     (371140.9, 3810139.4,   536.8,   1482.1,   0.0);   (370998.0,
3810148.1,   490.1,   1482.1,   0.0);
     (371041.3, 3810157.4,   497.0,   1482.1,   0.0);   (371065.8,
3810159.1,   499.3,   1482.1,   0.0);
     (371090.2, 3810160.9,   512.1,   1482.1,   0.0);   (371114.7,
3810162.6,   526.0,   1482.1,   0.0);
     (371139.1, 3810164.3,   531.4,   1482.1,   0.0);   (370987.2,
3810246.4,   483.0,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370964.5, 3810237.3,   482.3,   1482.1,   0.0);   (370843.8,
3810128.0,   484.5,   1482.1,   0.0);
     (371009.8, 3810255.4,   483.1,   1482.1,   0.0);   (371058.7,
3810258.9,   483.4,   1482.1,   0.0);
     (371083.2, 3810260.6,   487.1,   1482.1,   0.0);   (371107.6,
3810262.3,   489.9,   1482.1,   0.0);
     (371132.1, 3810264.1,   492.6,   1482.1,   0.0);   (370981.5,
3810346.7,   485.0,   1482.1,   0.0);
     (370820.5, 3810268.0,   483.8,   1482.1,   0.0);   (370808.2,
3810248.7,   484.0,   1482.1,   0.0);
     (371002.8, 3810355.2,   485.3,   1482.1,   0.0);   (371027.2,
3810356.9,   485.8,   1482.1,   0.0);
     (371125.0, 3810363.8,   486.0,   1482.1,   0.0);   (370950.4,
3810436.8,   484.9,   1482.1,   0.0);
     (370729.6, 3810302.7,   483.0,   1482.1,   0.0);   (370663.8,
3810200.1,   479.9,   1482.1,   0.0);
     (371020.2, 3810456.7,   485.8,   1482.1,   0.0);   (371044.6,
3810458.4,   485.9,   1482.1,   0.0);
     (371069.1, 3810460.1,   486.3,   1482.1,   0.0);   (370692.8,
3810421.7,   484.0,   1482.1,   0.0);
     (370680.2, 3810401.9,   483.1,   1482.1,   0.0);   (370629.5,
3810323.0,   480.9,   1482.1,   0.0);
     (371037.6, 3810558.1,   496.4,   1482.1,   0.0);   (371062.0,

3810559.9,   493.9,   1482.1,   0.0);
     (371086.5, 3810561.6,   493.6,   1482.1,   0.0);   (371110.9,
3810563.3,   492.4,   1482.1,   0.0);
     (370959.0, 3810645.4,   501.2,   1482.1,   0.0);   (370936.3,
3810636.3,   500.5,   1482.1,   0.0);
     (370687.1, 3810536.7,   488.5,   1482.1,   0.0);   (370664.5,
3810527.6,   487.9,   1482.1,   0.0);
     (370589.1, 3810436.4,   482.4,   1482.1,   0.0);   (370483.7,
3810272.1,   479.8,   1482.1,   0.0);
     (370981.6, 3810654.4,   508.1,   1482.1,   0.0);   (371006.1,
3810656.2,   513.1,   1482.1,   0.0);
     (371030.5, 3810657.9,   512.1,   1482.1,   0.0);   (371055.0,
3810659.6,   508.9,   1482.1,   0.0);
     (371079.4, 3810661.3,   506.4,   1482.1,   0.0);   (371103.9,
3810663.1,   506.2,   1482.1,   0.0);
     (371167.5, 3810080.6,   518.8,   1482.1,   0.0);   (371165.5,
3810108.7,   528.3,   1482.1,   0.0);
     (371178.9, 3810129.8,   536.3,   1482.1,   0.0);   (371191.2,
3810151.1,   545.2,   1482.1,   0.0);
     (371165.2, 3810157.7,   542.8,   1482.1,   0.0);   (371245.0,
3810235.4,   545.0,   1482.1,   0.0);
     (371218.9, 3810242.0,   530.3,   1482.1,   0.0);   (371192.9,
3810248.7,   510.9,   1482.1,   0.0);
     (371166.8, 3810255.3,   503.5,   1482.1,   0.0);   (371298.7,
3810319.8,   503.4,   1482.1,   0.0);
     (371272.6, 3810326.4,   500.1,   1482.1,   0.0);   (371246.6,
3810333.0,   492.2,   1482.1,   0.0);
     (371220.5, 3810339.6,   486.3,   1482.1,   0.0);   (371194.5,
3810346.2,   484.6,   1482.1,   0.0);
     (371168.5, 3810352.8,   484.1,   1482.1,   0.0);   (371352.1,
3810404.2,   486.1,   1482.1,   0.0);
     (371325.1, 3810411.0,   485.9,   1482.1,   0.0);   (371298.1,
3810417.9,   485.5,   1482.1,   0.0);
     (371271.1, 3810424.8,   484.7,   1482.1,   0.0);   (371244.1,
3810431.6,   484.9,   1482.1,   0.0);
     (371217.0, 3810438.4,   485.1,   1482.1,   0.0);   (371190.0,
3810445.3,   484.9,   1482.1,   0.0);
     (371163.0, 3810452.2,   486.1,   1482.1,   0.0);   (371405.9,
3810488.5,   486.3,   1482.1,   0.0);
     (371379.1, 3810495.3,   485.9,   1482.1,   0.0);   (371352.3,
3810502.1,   485.6,   1482.1,   0.0);
     (371325.5, 3810508.9,   485.7,   1482.1,   0.0);   (371298.6,
3810515.7,   485.2,   1482.1,   0.0);
     (371271.8, 3810522.5,   485.7,   1482.1,   0.0);   (371245.0,
3810529.3,   486.0,   1482.1,   0.0);
     (371218.2, 3810536.1,   486.2,   1482.1,   0.0);   (371191.4,
3810542.9,   487.6,   1482.1,   0.0);
     (371164.6, 3810549.7,   488.0,   1482.1,   0.0);   (371137.8,
3810556.5,   489.4,   1482.1,   0.0);
     (371459.7, 3810572.8,   486.4,   1482.1,   0.0);   (371433.0,

3810579.6,   487.8,   1482.1,   0.0);
     (371406.3, 3810586.4,   490.1,   1482.1,   0.0);   (371379.6,
3810593.1,   492.8,   1482.1,   0.0);
     (371353.0, 3810599.9,   492.2,   1482.1,   0.0);   (371326.3,
3810606.7,   494.1,   1482.1,   0.0);
     (371299.6, 3810613.4,   491.9,   1482.1,   0.0);   (371272.9,
3810620.2,   490.0,   1482.1,   0.0);
     (371246.2, 3810627.0,   493.6,   1482.1,   0.0);   (371219.5,
3810633.8,   496.9,   1482.1,   0.0);
     (371192.8, 3810640.5,   500.1,   1482.1,   0.0);   (371166.1,
3810647.3,   500.6,   1482.1,   0.0);
     (371139.5, 3810654.0,   502.0,   1482.1,   0.0);   (371179.1,
3810059.5,   513.0,   1482.1,   0.0);
     (371201.0, 3810071.5,   514.3,   1482.1,   0.0);   (371189.4,
3810092.6,   525.6,   1482.1,   0.0);
     (371204.1, 3810042.3,   503.8,   1482.1,   0.0);   (371226.0,
3810071.5,   511.8,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371211.4, 3810104.7,   526.4,   1482.1,   0.0);   (371229.1,
3810042.3,   503.3,   1482.1,   0.0);
     (371250.0, 3810075.6,   510.5,   1482.1,   0.0);   (371230.5,
3810119.7,   527.2,   1482.1,   0.0);
     (371254.1, 3810042.3,   501.8,   1482.1,   0.0);   (371350.0,
3810075.6,   516.0,   1482.1,   0.0);
     (371341.8, 3810107.6,   516.7,   1482.1,   0.0);   (371333.5,
3810139.7,   518.8,   1482.1,   0.0);
     (371318.1, 3810167.8,   527.6,   1482.1,   0.0);   (371295.5,
3810192.0,   543.7,   1482.1,   0.0);
     (371272.9, 3810216.1,   549.7,   1482.1,   0.0);   (371354.1,
3810042.3,   504.6,   1482.1,   0.0);
     (371450.0, 3810075.6,   505.2,   1482.1,   0.0);   (371441.8,
3810107.6,   505.5,   1482.1,   0.0);
     (371433.5, 3810139.7,   511.3,   1482.1,   0.0);   (371425.3,
3810171.8,   521.3,   1482.1,   0.0);
     (371405.8, 3810215.9,   533.7,   1482.1,   0.0);   (371383.2,
3810240.1,   538.9,   1482.1,   0.0);
     (371360.5, 3810264.2,   536.0,   1482.1,   0.0);   (371337.9,
3810288.4,   531.2,   1482.1,   0.0);
     (371454.1, 3810042.3,   503.2,   1482.1,   0.0);   (371550.0,

3810075.6,   505.6,   1482.1,   0.0);
     (371541.8, 3810107.6,   511.7,   1482.1,   0.0);   (371533.5,
3810139.7,   521.7,   1482.1,   0.0);
     (371525.3, 3810171.8,   529.9,   1482.1,   0.0);   (371517.1,
3810203.8,   544.6,   1482.1,   0.0);
     (371508.9, 3810235.9,   538.7,   1482.1,   0.0);   (371493.5,
3810264.0,   523.9,   1482.1,   0.0);
     (371470.8, 3810288.1,   512.0,   1482.1,   0.0);   (371448.2,
3810312.3,   498.7,   1482.1,   0.0);
     (371425.6, 3810336.5,   497.0,   1482.1,   0.0);   (371403.0,
3810360.6,   499.1,   1482.1,   0.0);
     (371380.3, 3810384.8,   492.4,   1482.1,   0.0);   (371554.1,
3810042.3,   505.7,   1482.1,   0.0);
     (371650.0, 3810075.6,   512.5,   1482.1,   0.0);   (371641.8,
3810107.6,   510.9,   1482.1,   0.0);
     (371633.5, 3810139.7,   515.4,   1482.1,   0.0);   (371625.3,
3810171.8,   525.1,   1482.1,   0.0);
     (371617.1, 3810203.8,   541.9,   1482.1,   0.0);   (371608.9,
3810235.9,   544.3,   1482.1,   0.0);
     (371600.7, 3810267.9,   526.5,   1482.1,   0.0);   (371581.1,
3810312.1,   525.5,   1482.1,   0.0);
     (371558.5, 3810336.2,   520.3,   1482.1,   0.0);   (371535.9,
3810360.4,   506.2,   1482.1,   0.0);
     (371513.3, 3810384.6,   497.4,   1482.1,   0.0);   (371490.6,
3810408.7,   491.1,   1482.1,   0.0);
     (371468.0, 3810432.9,   486.3,   1482.1,   0.0);   (371445.4,
3810457.0,   486.4,   1482.1,   0.0);
     (371654.1, 3810042.3,   520.4,   1482.1,   0.0);   (371750.0,
3810075.6,   514.3,   1482.1,   0.0);
     (371741.8, 3810107.6,   517.0,   1482.1,   0.0);   (371733.5,
3810139.7,   515.6,   1482.1,   0.0);
     (371725.3, 3810171.8,   523.5,   1482.1,   0.0);   (371717.1,
3810203.8,   538.1,   1482.1,   0.0);
     (371708.9, 3810235.9,   536.2,   1482.1,   0.0);   (371700.7,
3810267.9,   517.4,   1482.1,   0.0);
     (371692.5, 3810300.0,   508.0,   1482.1,   0.0);   (371684.2,
3810332.1,   500.5,   1482.1,   0.0);
     (371668.8, 3810360.2,   502.6,   1482.1,   0.0);   (371646.2,
3810384.3,   497.6,   1482.1,   0.0);
     (371623.6, 3810408.5,   492.1,   1482.1,   0.0);   (371601.0,
3810432.7,   492.0,   1482.1,   0.0);
     (371578.3, 3810456.8,   487.6,   1482.1,   0.0);   (371555.7,
3810481.0,   487.0,   1482.1,   0.0);
     (371533.1, 3810505.1,   487.0,   1482.1,   0.0);   (371510.4,
3810529.3,   487.0,   1482.1,   0.0);
     (371487.8, 3810553.5,   486.3,   1482.1,   0.0);   (371754.1,
3810042.3,   520.3,   1482.1,   0.0);
     (371146.6, 3810066.1,   511.6,   1482.1,   0.0);   (371094.3,
3810233.1,   494.9,   1482.1,   0.0);
     (371064.5, 3810328.6,   486.0,   1482.1,   0.0);   (371046.1,

3810427.6,   485.9,   1482.1,   0.0);
     (371004.7, 3810519.4,   488.8,   1482.1,   0.0);   (370974.8,
3810614.9,   500.8,   1482.1,   0.0);
     (371119.5, 3810240.5,   496.5,   1482.1,   0.0);   (371073.4,
3810435.1,   486.4,   1482.1,   0.0);
     (371100.8, 3810441.6,   486.7,   1482.1,   0.0);   (371064.1,
3810535.7,   489.7,   1482.1,   0.0);
     (371017.1, 3810626.9,   504.4,   1482.1,   0.0);   (371041.0,
3810633.0,   504.8,   1482.1,   0.0);
     (371220.0, 3810008.5,   496.0,   1482.1,   0.0);   (371221.0,
3809986.0,   495.1,   1482.1,   0.0);
     (371222.0, 3809963.5,   494.8,   1482.1,   0.0);   (371223.0,
3809941.0,   494.7,   1482.1,   0.0);
     (371224.1, 3809918.5,   494.5,   1482.1,   0.0);   (371225.1,
3809896.0,   494.4,   1482.1,   0.0);
     (371244.9, 3810009.6,   497.7,   1482.1,   0.0);   (371246.0,
3809987.1,   495.9,   1482.1,   0.0);
     (371247.0, 3809964.6,   495.5,   1482.1,   0.0);   (371248.0,
3809942.1,   495.4,   1482.1,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (371249.0, 3809919.6,   495.2,   1482.1,   0.0);   (371250.1,
3809897.1,   495.0,   1482.1,   0.0);
     (371269.9, 3810010.8,   497.5,   1482.1,   0.0);   (371270.9,
3809988.3,   496.6,   1482.1,   0.0);
     (371272.0, 3809965.8,   496.2,   1482.1,   0.0);   (371273.0,
3809943.3,   496.1,   1482.1,   0.0);
     (371274.0, 3809920.8,   495.9,   1482.1,   0.0);   (371275.0,
3809898.3,   495.6,   1482.1,   0.0);
     (371282.9, 3810075.7,   503.5,   1482.1,   0.0);   (371263.1,
3810113.3,   511.9,   1482.1,   0.0);
     (371211.5, 3810140.9,   537.6,   1482.1,   0.0);   (371293.8,
3810034.4,   499.7,   1482.1,   0.0);
     (371294.9, 3810011.9,   498.0,   1482.1,   0.0);   (371295.9,
3809989.4,   497.1,   1482.1,   0.0);
     (371296.9, 3809966.9,   496.8,   1482.1,   0.0);   (371298.0,
3809944.4,   496.9,   1482.1,   0.0);
     (371299.0, 3809921.9,   496.6,   1482.1,   0.0);   (371300.0,
3809899.4,   496.7,   1482.1,   0.0);
     (371382.8, 3810080.3,   514.6,   1482.1,   0.0);   (371363.0,

3810117.9,   527.7,   1482.1,   0.0);
     (371323.3, 3810193.2,   544.8,   1482.1,   0.0);   (371393.7,
3810039.0,   503.2,   1482.1,   0.0);
     (371394.8, 3810016.5,   500.4,   1482.1,   0.0);   (371395.8,
3809994.0,   500.1,   1482.1,   0.0);
     (371396.8, 3809971.5,   500.1,   1482.1,   0.0);   (371397.8,
3809949.0,   500.9,   1482.1,   0.0);
     (371398.9, 3809926.5,   501.8,   1482.1,   0.0);   (371399.9,
3809904.0,   502.3,   1482.1,   0.0);
     (371482.7, 3810084.8,   510.5,   1482.1,   0.0);   (371462.9,
3810122.5,   517.3,   1482.1,   0.0);
     (371423.2, 3810197.7,   531.0,   1482.1,   0.0);   (371383.5,
3810273.0,   527.5,   1482.1,   0.0);
     (371144.6, 3810339.9,   484.1,   1482.1,   0.0);   (371493.6,
3810043.5,   503.8,   1482.1,   0.0);
     (371494.7, 3810021.0,   503.1,   1482.1,   0.0);   (371495.7,
3809998.5,   502.9,   1482.1,   0.0);
     (371496.7, 3809976.0,   503.7,   1482.1,   0.0);   (371497.7,
3809953.5,   505.6,   1482.1,   0.0);
     (371498.8, 3809931.0,   508.7,   1482.1,   0.0);   (371499.8,
3809908.5,   514.3,   1482.1,   0.0);
     (371582.6, 3810089.4,   506.5,   1482.1,   0.0);   (371562.8,
3810127.0,   515.4,   1482.1,   0.0);
     (371443.8, 3810352.8,   498.2,   1482.1,   0.0);   (371225.7,
3810415.4,   484.9,   1482.1,   0.0);
     (371593.5, 3810048.1,   512.4,   1482.1,   0.0);   (371594.6,
3810025.6,   518.2,   1482.1,   0.0);
     (371595.6, 3810003.1,   515.7,   1482.1,   0.0);   (371596.6,
3809980.6,   516.0,   1482.1,   0.0);
     (371597.6, 3809958.1,   517.3,   1482.1,   0.0);   (371598.7,
3809935.6,   519.0,   1482.1,   0.0);
     (371599.7, 3809913.1,   514.9,   1482.1,   0.0);   (371682.0,
3810094.9,   511.4,   1482.1,   0.0);
     (371661.1, 3810134.6,   516.9,   1482.1,   0.0);   (371514.9,
3810411.9,   491.4,   1482.1,   0.0);
     (371504.5, 3810431.7,   487.1,   1482.1,   0.0);   (371472.1,
3810456.1,   486.5,   1482.1,   0.0);
     (371362.6, 3810479.1,   485.9,   1482.1,   0.0);   (371296.8,
3810492.9,   485.6,   1482.1,   0.0);
     (371253.0, 3810502.1,   485.4,   1482.1,   0.0);   (371209.2,
3810511.3,   485.8,   1482.1,   0.0);
     (371165.4, 3810520.5,   486.8,   1482.1,   0.0);   (371121.6,
3810529.7,   487.1,   1482.1,   0.0);
     (371693.4, 3810052.6,   514.3,   1482.1,   0.0);   (371694.5,
3810030.1,   518.8,   1482.1,   0.0);
     (371695.5, 3810007.6,   522.5,   1482.1,   0.0);   (371696.5,
3809985.1,   528.7,   1482.1,   0.0);
     (371697.5, 3809962.6,   537.8,   1482.1,   0.0);   (371698.6,
3809940.1,   545.0,   1482.1,   0.0);
     (371699.6, 3809917.6,   543.8,   1482.1,   0.0);   (371782.0,

3810099.3,   526.0,   1482.1,   0.0);
     (371761.2, 3810138.6,   519.7,   1482.1,   0.0);   (371668.1,
3810315.3,   501.1,   1482.1,   0.0);
     (371564.6, 3810511.7,   487.2,   1482.1,   0.0);   (371532.6,
3810535.9,   487.0,   1482.1,   0.0);
     (371445.7, 3810554.1,   486.0,   1482.1,   0.0);   (371402.2,
3810563.2,   487.1,   1482.1,   0.0);
     (371358.8, 3810572.3,   489.3,   1482.1,   0.0);   (371315.4,
3810581.5,   491.8,   1482.1,   0.0);
     (371271.9, 3810590.6,   493.9,   1482.1,   0.0);   (371228.5,
3810599.7,   489.4,   1482.1,   0.0);
     (371185.0, 3810608.8,   496.4,   1482.1,   0.0);   (371141.6,
3810618.0,   499.9,   1482.1,   0.0);
     (371098.1, 3810627.1,   500.1,   1482.1,   0.0);   (371793.3,
3810057.2,   518.0,   1482.1,   0.0);
     (371794.3, 3810034.7,   518.6,   1482.1,   0.0);   (371795.4,
3810012.2,   523.3,   1482.1,   0.0);
     (371796.4, 3809989.7,   530.4,   1482.1,   0.0);   (371797.4,
3809967.2,   537.3,   1482.1,   0.0);
     (371798.5, 3809944.7,   539.5,   1482.1,   0.0);   (371799.5,
3809922.2,   539.4,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371214.8, 3809870.6,   496.2,   1482.1,   0.0);   (371243.1,
3809869.3,   495.2,   1482.1,   0.0);
     (371229.5, 3809846.3,   498.4,   1482.1,   0.0);   (371267.2,
3809867.0,   496.0,   1482.1,   0.0);
     (371257.8, 3809845.1,   497.0,   1482.1,   0.0);   (371288.9,
3809854.9,   500.1,   1482.1,   0.0);
     (371294.5, 3809877.2,   496.8,   1482.1,   0.0);   (371279.3,
3809832.3,   503.0,   1482.1,   0.0);
     (371375.2, 3809805.1,   512.2,   1482.1,   0.0);   (371381.4,
3809829.8,   507.6,   1482.1,   0.0);
     (371387.5, 3809854.5,   503.9,   1482.1,   0.0);   (371393.7,
3809879.2,   502.1,   1482.1,   0.0);
     (371365.3, 3809781.3,   518.6,   1482.1,   0.0);   (371461.3,
3809754.6,   530.6,   1482.1,   0.0);
     (371467.7, 3809780.2,   535.2,   1482.1,   0.0);   (371474.1,
3809805.9,   528.6,   1482.1,   0.0);
     (371480.6, 3809831.5,   529.2,   1482.1,   0.0);   (371487.0,

3809857.2,   528.0,   1482.1,   0.0);
     (371493.4, 3809882.9,   521.5,   1482.1,   0.0);   (371451.3,
3809730.2,   523.1,   1482.1,   0.0);
     (371547.2, 3809703.1,   535.1,   1482.1,   0.0);   (371553.4,
3809727.8,   529.3,   1482.1,   0.0);
     (371559.5, 3809752.5,   522.3,   1482.1,   0.0);   (371565.7,
3809777.2,   517.8,   1482.1,   0.0);
     (371571.9, 3809801.9,   517.5,   1482.1,   0.0);   (371578.1,
3809826.6,   518.7,   1482.1,   0.0);
     (371584.2, 3809851.3,   521.4,   1482.1,   0.0);   (371590.4,
3809876.0,   521.5,   1482.1,   0.0);
     (371537.3, 3809679.2,   540.5,   1482.1,   0.0);   (371633.3,
3809652.3,   553.0,   1482.1,   0.0);
     (371639.6, 3809677.6,   549.1,   1482.1,   0.0);   (371645.9,
3809702.9,   545.2,   1482.1,   0.0);
     (371652.2, 3809728.1,   536.6,   1482.1,   0.0);   (371658.5,
3809753.4,   530.0,   1482.1,   0.0);
     (371664.8, 3809778.7,   528.5,   1482.1,   0.0);   (371671.2,
3809803.9,   535.9,   1482.1,   0.0);
     (371677.5, 3809829.2,   539.4,   1482.1,   0.0);   (371683.8,
3809854.5,   534.9,   1482.1,   0.0);
     (371690.1, 3809879.7,   531.8,   1482.1,   0.0);   (371623.3,
3809628.2,   557.0,   1482.1,   0.0);
     (371719.3, 3809601.5,   560.7,   1482.1,   0.0);   (371725.7,
3809627.1,   549.3,   1482.1,   0.0);
     (371732.1, 3809652.8,   559.0,   1482.1,   0.0);   (371738.5,
3809678.4,   550.4,   1482.1,   0.0);
     (371745.0, 3809704.1,   547.5,   1482.1,   0.0);   (371751.4,
3809729.8,   548.4,   1482.1,   0.0);
     (371757.8, 3809755.4,   553.2,   1482.1,   0.0);   (371764.2,
3809781.1,   561.6,   1482.1,   0.0);
     (371770.6, 3809806.7,   572.3,   1482.1,   0.0);   (371777.0,
3809832.4,   566.2,   1482.1,   0.0);
     (371783.5, 3809858.1,   555.9,   1482.1,   0.0);   (371789.9,
3809883.7,   547.1,   1482.1,   0.0);
     (371709.3, 3809577.1,   573.2,   1482.1,   0.0);   (371346.4,
3809991.9,   498.2,   1482.1,   0.0);
     (371426.4, 3810051.9,   501.5,   1482.1,   0.0);   (371506.4,
3810111.9,   514.4,   1482.1,   0.0);
     (371586.4, 3810171.9,   529.1,   1482.1,   0.0);   (371666.3,
3810231.9,   535.1,   1482.1,   0.0);
     (371225.4, 3809816.2,   507.2,   1482.1,   0.0);   (371228.2,
3809792.8,   506.3,   1482.1,   0.0);
     (371230.9, 3809769.3,   506.8,   1482.1,   0.0);   (371233.7,
3809745.8,   508.8,   1482.1,   0.0);
     (371236.5, 3809722.3,   508.4,   1482.1,   0.0);   (371250.2,
3809819.2,   502.1,   1482.1,   0.0);
     (371253.0, 3809795.7,   504.4,   1482.1,   0.0);   (371255.8,
3809772.2,   509.7,   1482.1,   0.0);
     (371258.5, 3809748.7,   516.9,   1482.1,   0.0);   (371261.3,

3809725.2,   523.9,   1482.1,   0.0);
     (371277.8, 3809798.6,   505.8,   1482.1,   0.0);   (371280.6,
3809775.1,   508.4,   1482.1,   0.0);
     (371283.3, 3809751.6,   515.4,   1482.1,   0.0);   (371286.1,
3809728.1,   523.1,   1482.1,   0.0);
     (371302.7, 3809801.5,   513.7,   1482.1,   0.0);   (371305.4,
3809778.0,   515.9,   1482.1,   0.0);
     (371308.2, 3809754.5,   518.1,   1482.1,   0.0);   (371310.9,
3809731.0,   528.1,   1482.1,   0.0);
     (371370.5, 3809941.7,   498.9,   1482.1,   0.0);   (371402.0,
3809813.1,   506.8,   1482.1,   0.0);
     (371404.7, 3809789.6,   510.5,   1482.1,   0.0);   (371407.5,
3809766.2,   511.8,   1482.1,   0.0);
     (371410.3, 3809742.7,   514.4,   1482.1,   0.0);   (371476.5,
3809936.7,   504.8,   1482.1,   0.0);
     (371459.9, 3809978.2,   502.2,   1482.1,   0.0);   (371443.3,
3810019.7,   501.6,   1482.1,   0.0);
     (371504.1, 3809801.3,   526.4,   1482.1,   0.0);   (371506.8,
3809777.8,   530.3,   1482.1,   0.0);
     (371509.6, 3809754.3,   540.0,   1482.1,   0.0);   (371575.2,
3809949.9,   515.7,   1482.1,   0.0);
     (371566.6, 3809971.4,   513.4,   1482.1,   0.0);   (371558.0,
3809992.9,   508.1,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371549.4, 3810014.4,   506.2,   1482.1,   0.0);   (371532.2,
3810057.4,   504.6,   1482.1,   0.0);
     (371523.6, 3810078.9,   509.2,   1482.1,   0.0);   (371603.4,
3809813.0,   522.7,   1482.1,   0.0);
     (371606.1, 3809789.5,   522.8,   1482.1,   0.0);   (371608.9,
3809766.0,   530.4,   1482.1,   0.0);
     (371667.5, 3809979.0,   537.0,   1482.1,   0.0);   (371651.4,
3810019.4,   527.2,   1482.1,   0.0);
     (371627.2, 3810079.8,   509.0,   1482.1,   0.0);   (371611.1,
3810120.1,   511.9,   1482.1,   0.0);
     (371702.7, 3809824.6,   547.7,   1482.1,   0.0);   (371705.5,
3809801.1,   552.6,   1482.1,   0.0);
     (371708.2, 3809777.6,   551.0,   1482.1,   0.0);   (371774.4,
3809971.7,   540.3,   1482.1,   0.0);
     (371757.8, 3810013.2,   530.0,   1482.1,   0.0);   (371716.4,

3810116.8,   513.4,   1482.1,   0.0);
     (371699.8, 3810158.3,   528.0,   1482.1,   0.0);   (371683.3,
3810199.7,   540.4,   1482.1,   0.0);
     (371802.0, 3809836.3,   561.7,   1482.1,   0.0);   (371804.8,
3809812.8,   572.9,   1482.1,   0.0);
     (371807.5, 3809789.3,   574.3,   1482.1,   0.0);   (371241.6,
3809695.5,   509.7,   1482.1,   0.0);
     (371239.0, 3809652.8,   500.2,   1482.1,   0.0);   (371236.3,
3809610.2,   497.7,   1482.1,   0.0);
     (371233.7, 3809567.5,   497.5,   1482.1,   0.0);   (371266.6,
3809694.0,   514.3,   1482.1,   0.0);
     (371263.9, 3809651.3,   501.7,   1482.1,   0.0);   (371261.3,
3809608.6,   499.9,   1482.1,   0.0);
     (371258.6, 3809566.0,   502.6,   1482.1,   0.0);   (371291.5,
3809692.4,   512.4,   1482.1,   0.0);
     (371288.9, 3809649.8,   509.1,   1482.1,   0.0);   (371286.2,
3809607.1,   504.0,   1482.1,   0.0);
     (371283.6, 3809564.4,   506.0,   1482.1,   0.0);   (371315.3,
3809705.0,   521.9,   1482.1,   0.0);
     (371315.1, 3809669.5,   519.5,   1482.1,   0.0);   (371312.5,
3809626.9,   513.1,   1482.1,   0.0);
     (371309.9, 3809584.2,   508.1,   1482.1,   0.0);   (371414.8,
3809703.5,   529.2,   1482.1,   0.0);
     (371415.0, 3809663.4,   542.9,   1482.1,   0.0);   (371412.3,
3809620.7,   536.5,   1482.1,   0.0);
     (371409.7, 3809578.0,   535.1,   1482.1,   0.0);   (371514.4,
3809699.7,   548.8,   1482.1,   0.0);
     (371514.8, 3809657.2,   557.4,   1482.1,   0.0);   (371512.1,
3809614.5,   556.6,   1482.1,   0.0);
     (371509.5, 3809571.9,   557.7,   1482.1,   0.0);   (371614.4,
3809691.2,   536.0,   1482.1,   0.0);
     (371611.4, 3809728.8,   538.6,   1482.1,   0.0);   (371611.9,
3809608.3,   562.9,   1482.1,   0.0);
     (371609.3, 3809565.7,   577.1,   1482.1,   0.0);   (371714.1,
3809686.3,   542.4,   1482.1,   0.0);
     (371710.8, 3809726.7,   544.1,   1482.1,   0.0);   (371707.8,
3809538.2,   575.1,   1482.1,   0.0);
     (371813.8, 3809681.2,   575.1,   1482.1,   0.0);   (371810.4,
3809723.5,   566.7,   1482.1,   0.0);
     (371807.0, 3809765.8,   570.4,   1482.1,   0.0);   (371814.2,
3809638.7,   580.2,   1482.1,   0.0);
     (371811.5, 3809596.0,   576.6,   1482.1,   0.0);   (371808.9,
3809553.3,   591.6,   1482.1,   0.0);
     (371220.4, 3809539.0,   498.5,   1482.1,   0.0);   (371200.3,
3809503.5,   499.4,   1482.1,   0.0);
     (371252.2, 3809544.4,   501.9,   1482.1,   0.0);   (371232.1,
3809508.9,   502.3,   1482.1,   0.0);
     (371274.0, 3809532.0,   508.9,   1482.1,   0.0);   (371253.8,
3809496.6,   506.8,   1482.1,   0.0);
     (371300.0, 3809534.1,   517.5,   1482.1,   0.0);   (371285.6,

3809502.0,   511.5,   1482.1,   0.0);
     (371265.5, 3809466.5,   516.3,   1482.1,   0.0);   (371387.8,
3809487.6,   540.3,   1482.1,   0.0);
     (371398.1, 3809522.2,   538.1,   1482.1,   0.0);   (371372.6,
3809452.6,   533.6,   1482.1,   0.0);
     (371352.5, 3809417.1,   531.9,   1482.1,   0.0);   (371475.2,
3809439.5,   531.5,   1482.1,   0.0);
     (371486.2, 3809476.5,   528.0,   1482.1,   0.0);   (371497.2,
3809513.5,   539.0,   1482.1,   0.0);
     (371459.6, 3809403.2,   530.7,   1482.1,   0.0);   (371439.5,
3809367.8,   518.9,   1482.1,   0.0);
     (371562.3, 3809390.8,   547.2,   1482.1,   0.0);   (371573.8,
3809429.2,   551.4,   1482.1,   0.0);
     (371585.2, 3809467.6,   554.3,   1482.1,   0.0);   (371596.6,
3809506.0,   558.4,   1482.1,   0.0);
     (371546.6, 3809353.9,   548.6,   1482.1,   0.0);   (371526.4,
3809318.4,   539.3,   1482.1,   0.0);
     (371649.0, 3809340.3,   529.3,   1482.1,   0.0);   (371659.6,
3809376.3,   541.6,   1482.1,   0.0);
     (371670.3, 3809412.2,   543.8,   1482.1,   0.0);   (371681.0,
3809448.2,   545.0,   1482.1,   0.0);
     (371691.7, 3809484.2,   558.1,   1482.1,   0.0);   (371633.5,
3809304.5,   522.8,   1482.1,   0.0);
     (371613.4, 3809269.1,   520.8,   1482.1,   0.0);   (371736.1,
3809291.4,   540.3,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371747.1, 3809328.4,   547.7,   1482.1,   0.0);   (371758.1,
3809365.5,   553.9,   1482.1,   0.0);
     (371769.1, 3809402.5,   567.2,   1482.1,   0.0);   (371780.1,
3809439.5,   575.3,   1482.1,   0.0);
     (371791.1, 3809476.5,   584.5,   1482.1,   0.0);   (371802.1,
3809513.5,   591.9,   1482.1,   0.0);
     (371720.5, 3809255.2,   535.5,   1482.1,   0.0);   (371700.4,
3809219.7,   526.6,   1482.1,   0.0);
     (371213.9, 3809479.6,   505.5,   1482.1,   0.0);   (371372.0,
3809566.6,   526.2,   1482.1,   0.0);
     (371468.7, 3809592.0,   552.1,   1482.1,   0.0);   (371479.9,
3809549.5,   556.0,   1482.1,   0.0);
     (371565.4, 3809617.5,   546.6,   1482.1,   0.0);   (371576.6,

3809574.9,   566.8,   1482.1,   0.0);
     (371662.1, 3809642.9,   555.2,   1482.1,   0.0);   (371673.3,
3809600.3,   567.8,   1482.1,   0.0);
     (371758.8, 3809668.3,   561.0,   1482.1,   0.0);   (371770.0,
3809625.7,   560.4,   1482.1,   0.0);
     (371231.9, 3809459.4,   514.6,   1482.1,   0.0);   (371348.3,
3809595.1,   513.2,   1482.1,   0.0);
     (371438.8, 3809641.5,   535.2,   1482.1,   0.0);   (371240.1,
3809428.5,   527.1,   1482.1,   0.0);
     (371246.8, 3809388.7,   534.9,   1482.1,   0.0);   (371264.7,
3809432.7,   527.6,   1482.1,   0.0);
     (371271.5, 3809392.9,   542.3,   1482.1,   0.0);   (371286.0,
3809456.7,   522.3,   1482.1,   0.0);
     (371292.8, 3809417.0,   536.0,   1482.1,   0.0);   (371299.5,
3809377.2,   550.0,   1482.1,   0.0);
     (371304.2, 3809475.6,   518.4,   1482.1,   0.0);   (371314.0,
3809441.0,   531.6,   1482.1,   0.0);
     (371320.8, 3809401.3,   543.3,   1482.1,   0.0);   (371409.2,
3809477.7,   538.8,   1482.1,   0.0);
     (371416.0, 3809437.9,   524.8,   1482.1,   0.0);   (371422.8,
3809398.2,   519.6,   1482.1,   0.0);
     (371511.2, 3809474.6,   532.7,   1482.1,   0.0);   (371518.0,
3809434.8,   545.2,   1482.1,   0.0);
     (371598.7, 3809528.8,   561.1,   1482.1,   0.0);   (371544.7,
3809652.5,   542.9,   1482.1,   0.0);
     (371613.2, 3809471.4,   542.6,   1482.1,   0.0);   (371619.9,
3809431.7,   539.2,   1482.1,   0.0);
     (371688.9, 3809564.7,   580.2,   1482.1,   0.0);   (371708.4,
3809508.1,   566.1,   1482.1,   0.0);
     (371715.1, 3809468.3,   558.6,   1482.1,   0.0);   (371788.2,
3809580.0,   576.6,   1482.1,   0.0);
     (371813.7, 3809485.1,   586.8,   1482.1,   0.0);   (371225.1,
3809339.7,   529.6,   1482.1,   0.0);
     (371181.2, 3809340.4,   509.9,   1482.1,   0.0);   (371137.3,
3809341.2,   499.5,   1482.1,   0.0);
     (371244.1, 3809323.4,   534.5,   1482.1,   0.0);   (371269.2,
3809352.6,   544.3,   1482.1,   0.0);
     (371202.7, 3809315.1,   521.4,   1482.1,   0.0);   (371158.8,
3809315.8,   506.4,   1482.1,   0.0);
     (371243.6, 3809298.4,   529.3,   1482.1,   0.0);   (371288.1,
3809336.3,   539.7,   1482.1,   0.0);
     (371202.3, 3809290.1,   525.6,   1482.1,   0.0);   (371158.4,
3809290.8,   515.9,   1482.1,   0.0);
     (371243.2, 3809273.4,   521.4,   1482.1,   0.0);   (371282.0,
3809290.8,   524.2,   1482.1,   0.0);
     (371307.1, 3809320.0,   538.8,   1482.1,   0.0);   (371318.5,
3809360.9,   545.5,   1482.1,   0.0);
     (371201.8, 3809265.1,   526.8,   1482.1,   0.0);   (371157.9,
3809265.9,   524.4,   1482.1,   0.0);
     (371241.4, 3809173.4,   513.8,   1482.1,   0.0);   (371280.2,

3809190.8,   514.8,   1482.1,   0.0);
     (371319.0, 3809208.2,   514.9,   1482.1,   0.0);   (371357.8,
3809225.6,   514.7,   1482.1,   0.0);
     (371382.9, 3809254.8,   515.2,   1482.1,   0.0);   (371394.3,
3809295.8,   515.3,   1482.1,   0.0);
     (371405.7, 3809336.7,   516.4,   1482.1,   0.0);   (371200.1,
3809165.1,   513.4,   1482.1,   0.0);
     (371156.2, 3809165.9,   512.9,   1482.1,   0.0);   (371239.6,
3809073.4,   515.3,   1482.1,   0.0);
     (371278.5, 3809090.8,   516.5,   1482.1,   0.0);   (371317.3,
3809108.2,   516.3,   1482.1,   0.0);
     (371356.1, 3809125.6,   516.2,   1482.1,   0.0);   (371394.9,
3809143.0,   516.3,   1482.1,   0.0);
     (371433.7, 3809160.4,   518.2,   1482.1,   0.0);   (371458.8,
3809189.6,   517.6,   1482.1,   0.0);
     (371470.1, 3809230.5,   516.5,   1482.1,   0.0);   (371481.5,
3809271.5,   516.8,   1482.1,   0.0);
     (371492.9, 3809312.5,   530.0,   1482.1,   0.0);   (371504.3,
3809353.5,   542.0,   1482.1,   0.0);
     (371515.6, 3809394.4,   549.2,   1482.1,   0.0);   (371198.3,
3809065.1,   516.0,   1482.1,   0.0);
     (371154.4, 3809065.9,   516.0,   1482.1,   0.0);   (371237.9,
3808973.4,   518.0,   1482.1,   0.0);
     (371276.7, 3808990.8,   526.4,   1482.1,   0.0);   (371315.5,
3809008.2,   521.5,   1482.1,   0.0);
     (371354.3, 3809025.6,   522.7,   1482.1,   0.0);   (371393.1,
3809043.0,   531.1,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371431.9, 3809060.4,   521.9,   1482.1,   0.0);   (371470.7,
3809077.8,   518.6,   1482.1,   0.0);
     (371509.5, 3809095.2,   519.0,   1482.1,   0.0);   (371534.6,
3809124.4,   520.0,   1482.1,   0.0);
     (371546.0, 3809165.4,   518.8,   1482.1,   0.0);   (371557.3,
3809206.3,   518.4,   1482.1,   0.0);
     (371568.7, 3809247.3,   518.6,   1482.1,   0.0);   (371580.1,
3809288.3,   519.8,   1482.1,   0.0);
     (371591.5, 3809329.2,   526.8,   1482.1,   0.0);   (371602.9,
3809370.2,   529.9,   1482.1,   0.0);
     (371196.5, 3808965.1,   518.2,   1482.1,   0.0);   (371152.6,

3808965.9,   517.1,   1482.1,   0.0);
     (371236.1, 3808873.4,   520.9,   1482.1,   0.0);   (371274.9,
3808890.8,   521.5,   1482.1,   0.0);
     (371313.7, 3808908.2,   520.5,   1482.1,   0.0);   (371352.5,
3808925.6,   521.2,   1482.1,   0.0);
     (371391.3, 3808943.0,   532.9,   1482.1,   0.0);   (371430.1,
3808960.4,   532.7,   1482.1,   0.0);
     (371468.9, 3808977.8,   522.9,   1482.1,   0.0);   (371507.7,
3808995.2,   527.3,   1482.1,   0.0);
     (371546.5, 3809012.6,   529.6,   1482.1,   0.0);   (371585.3,
3809030.0,   523.9,   1482.1,   0.0);
     (371610.4, 3809059.2,   521.1,   1482.1,   0.0);   (371621.8,
3809100.2,   520.6,   1482.1,   0.0);
     (371633.2, 3809141.1,   520.4,   1482.1,   0.0);   (371644.5,
3809182.1,   520.9,   1482.1,   0.0);
     (371655.9, 3809223.1,   533.9,   1482.1,   0.0);   (371667.3,
3809264.1,   537.7,   1482.1,   0.0);
     (371678.7, 3809305.0,   536.4,   1482.1,   0.0);   (371690.1,
3809346.0,   537.8,   1482.1,   0.0);
     (371701.4, 3809387.0,   550.2,   1482.1,   0.0);   (371712.8,
3809427.9,   553.2,   1482.1,   0.0);
     (371194.7, 3808865.1,   520.8,   1482.1,   0.0);   (371150.8,
3808865.9,   519.8,   1482.1,   0.0);
     (371234.3, 3808773.5,   523.7,   1482.1,   0.0);   (371273.1,
3808790.9,   523.9,   1482.1,   0.0);
     (371311.9, 3808808.2,   523.8,   1482.1,   0.0);   (371350.7,
3808825.6,   522.3,   1482.1,   0.0);
     (371389.5, 3808843.0,   527.9,   1482.1,   0.0);   (371428.3,
3808860.4,   534.5,   1482.1,   0.0);
     (371467.1, 3808877.8,   545.7,   1482.1,   0.0);   (371505.9,
3808895.2,   538.4,   1482.1,   0.0);
     (371544.7, 3808912.6,   549.0,   1482.1,   0.0);   (371583.5,
3808930.0,   536.3,   1482.1,   0.0);
     (371622.3, 3808947.4,   531.4,   1482.1,   0.0);   (371661.1,
3808964.8,   524.5,   1482.1,   0.0);
     (371686.2, 3808994.0,   522.3,   1482.1,   0.0);   (371697.6,
3809035.0,   522.5,   1482.1,   0.0);
     (371709.0, 3809075.9,   522.9,   1482.1,   0.0);   (371720.4,
3809116.9,   522.8,   1482.1,   0.0);
     (371731.8, 3809157.9,   522.9,   1482.1,   0.0);   (371743.1,
3809198.9,   524.4,   1482.1,   0.0);
     (371754.5, 3809239.8,   530.7,   1482.1,   0.0);   (371765.9,
3809280.8,   537.1,   1482.1,   0.0);
     (371777.3, 3809321.8,   544.2,   1482.1,   0.0);   (371788.6,
3809362.8,   552.8,   1482.1,   0.0);
     (371800.0, 3809403.7,   563.3,   1482.1,   0.0);   (371811.4,
3809444.7,   576.5,   1482.1,   0.0);
     (371193.0, 3808765.1,   524.0,   1482.1,   0.0);   (371149.1,
3808765.9,   522.5,   1482.1,   0.0);
     (371114.7, 3809341.8,   497.8,   1482.1,   0.0);   (371070.0,

3809343.1,   499.9,   1482.1,   0.0);
     (371025.4, 3809344.3,   503.5,   1482.1,   0.0);   (371114.1,
3809316.9,   501.3,   1482.1,   0.0);
     (371069.4, 3809318.1,   505.0,   1482.1,   0.0);   (371024.7,
3809319.3,   513.0,   1482.1,   0.0);
     (371135.7, 3809291.3,   512.5,   1482.1,   0.0);   (371091.0,
3809292.5,   510.3,   1482.1,   0.0);
     (371046.3, 3809293.7,   520.6,   1482.1,   0.0);   (371001.7,
3809294.9,   520.3,   1482.1,   0.0);
     (371135.0, 3809266.3,   523.4,   1482.1,   0.0);   (371090.4,
3809267.5,   521.6,   1482.1,   0.0);
     (371045.7, 3809268.7,   522.0,   1482.1,   0.0);   (371001.0,
3809269.9,   517.3,   1482.1,   0.0);
     (371132.3, 3809166.3,   512.5,   1482.1,   0.0);   (371087.6,
3809167.5,   511.6,   1482.1,   0.0);
     (371043.0, 3809168.7,   511.0,   1482.1,   0.0);   (370998.3,
3809169.9,   508.4,   1482.1,   0.0);
     (371129.6, 3809066.3,   516.2,   1482.1,   0.0);   (371084.9,
3809067.5,   513.8,   1482.1,   0.0);
     (371040.2, 3809068.8,   512.5,   1482.1,   0.0);   (370995.6,
3809070.0,   512.0,   1482.1,   0.0);
     (371126.9, 3808966.4,   516.6,   1482.1,   0.0);   (371082.2,
3808967.6,   516.0,   1482.1,   0.0);
     (371037.5, 3808968.8,   516.5,   1482.1,   0.0);   (370992.8,
3808970.0,   515.2,   1482.1,   0.0);
     (371124.2, 3808866.4,   519.4,   1482.1,   0.0);   (371079.5,
3808867.6,   519.0,   1482.1,   0.0);
     (371034.8, 3808868.8,   519.1,   1482.1,   0.0);   (370990.1,
3808870.0,   518.4,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371121.5, 3808766.4,   522.4,   1482.1,   0.0);   (371076.8,
3808767.7,   521.2,   1482.1,   0.0);
     (371032.1, 3808768.9,   520.2,   1482.1,   0.0);   (370987.4,
3808770.1,   517.9,   1482.1,   0.0);
     (371028.7, 3809369.1,   499.3,   1482.1,   0.0);   (371053.7,
3809368.3,   498.6,   1482.1,   0.0);
     (371078.7, 3809367.5,   497.8,   1482.1,   0.0);   (371103.6,
3809366.7,   497.5,   1482.1,   0.0);
     (371203.6, 3809363.6,   516.7,   1482.1,   0.0);   (371602.0,

3809305.6,   522.1,   1482.1,   0.0);
     (370967.5, 3809295.5,   511.8,   1482.1,   0.0);   (371023.3,
3809282.6,   522.0,   1482.1,   0.0);
     (370970.2, 3809270.7,   515.5,   1482.1,   0.0);   (371026.0,
3809257.8,   517.3,   1482.1,   0.0);
     (370991.6, 3809247.9,   514.4,   1482.1,   0.0);   (370954.1,
3809243.8,   513.4,   1482.1,   0.0);
     (371028.7, 3809232.9,   515.3,   1482.1,   0.0);   (371060.0,
3809248.7,   520.6,   1482.1,   0.0);
     (370994.3, 3809223.0,   512.9,   1482.1,   0.0);   (370956.8,
3809218.9,   511.6,   1482.1,   0.0);
     (371039.5, 3809133.5,   510.0,   1482.1,   0.0);   (371070.8,
3809149.2,   511.9,   1482.1,   0.0);
     (371155.6, 3809204.8,   513.0,   1482.1,   0.0);   (371168.9,
3809237.2,   518.9,   1482.1,   0.0);
     (371005.1, 3809123.6,   511.1,   1482.1,   0.0);   (370967.6,
3809119.5,   510.6,   1482.1,   0.0);
     (371050.3, 3809034.1,   513.3,   1482.1,   0.0);   (371159.8,
3809089.2,   515.6,   1482.1,   0.0);
     (371191.1, 3809104.9,   515.1,   1482.1,   0.0);   (371229.0,
3809136.8,   513.5,   1482.1,   0.0);
     (371255.6, 3809201.6,   513.9,   1482.1,   0.0);   (371268.9,
3809234.0,   514.0,   1482.1,   0.0);
     (371282.2, 3809266.4,   519.6,   1482.1,   0.0);   (371015.9,
3809024.2,   514.0,   1482.1,   0.0);
     (370978.4, 3809020.1,   513.0,   1482.1,   0.0);   (371062.1,
3808935.2,   517.7,   1482.1,   0.0);
     (371179.0, 3808993.9,   517.0,   1482.1,   0.0);   (371212.3,
3809010.7,   517.3,   1482.1,   0.0);
     (371245.7, 3809027.5,   516.8,   1482.1,   0.0);   (371279.1,
3809044.3,   516.9,   1482.1,   0.0);
     (371302.8, 3809070.0,   516.0,   1482.1,   0.0);   (371331.2,
3809139.1,   514.8,   1482.1,   0.0);
     (371345.4, 3809173.6,   514.9,   1482.1,   0.0);   (371026.7,
3808924.8,   518.7,   1482.1,   0.0);
     (370989.2, 3808920.7,   516.6,   1482.1,   0.0);   (371072.7,
3808835.7,   519.9,   1482.1,   0.0);
     (371105.6, 3808852.2,   519.3,   1482.1,   0.0);   (371171.5,
3808885.4,   519.7,   1482.1,   0.0);
     (371204.5, 3808901.9,   519.8,   1482.1,   0.0);   (371237.4,
3808918.5,   520.1,   1482.1,   0.0);
     (371270.3, 3808935.0,   520.0,   1482.1,   0.0);   (371303.2,
3808951.6,   520.9,   1482.1,   0.0);
     (371336.2, 3808968.2,   526.3,   1482.1,   0.0);   (371376.1,
3809001.8,   533.1,   1482.1,   0.0);
     (371404.1, 3809070.0,   528.1,   1482.1,   0.0);   (371418.1,
3809104.1,   517.9,   1482.1,   0.0);
     (371037.5, 3808825.4,   518.7,   1482.1,   0.0);   (371000.0,
3808821.3,   518.4,   1482.1,   0.0);
     (371083.4, 3808736.2,   523.6,   1482.1,   0.0);   (371181.3,

3808785.4,   523.5,   1482.1,   0.0);
     (371214.0, 3808801.9,   522.6,   1482.1,   0.0);   (371246.6,
3808818.3,   522.9,   1482.1,   0.0);
     (371279.2, 3808834.7,   523.2,   1482.1,   0.0);   (371311.9,
3808851.1,   523.1,   1482.1,   0.0);
     (371344.5, 3808867.5,   527.8,   1482.1,   0.0);   (371377.2,
3808884.0,   534.8,   1482.1,   0.0);
     (371409.8, 3808900.4,   539.8,   1482.1,   0.0);   (371449.4,
3808933.7,   529.8,   1482.1,   0.0);
     (371477.2, 3809001.3,   520.5,   1482.1,   0.0);   (371491.0,
3809035.1,   521.7,   1482.1,   0.0);
     (371504.9, 3809068.9,   519.7,   1482.1,   0.0);   (371048.3,
3808725.9,   523.7,   1482.1,   0.0);
     (371010.8, 3808721.9,   527.3,   1482.1,   0.0);   (371130.6,
3809235.7,   522.6,   1482.1,   0.0);
     (371235.1, 3809238.1,   514.6,   1482.1,   0.0);   (371227.0,
3809208.9,   513.8,   1482.1,   0.0);
     (371323.3, 3809182.2,   514.9,   1482.1,   0.0);   (371427.8,
3809184.6,   517.2,   1482.1,   0.0);
     (371524.1, 3809157.8,   519.0,   1482.1,   0.0);   (370932.6,
3809258.3,   515.0,   1482.1,   0.0);
     (370899.1, 3809241.0,   510.7,   1482.1,   0.0);   (370927.3,
3809227.5,   514.4,   1482.1,   0.0);
     (370938.8, 3809205.3,   510.4,   1482.1,   0.0);   (370983.8,
3809200.3,   511.7,   1482.1,   0.0);
     (370950.3, 3809183.0,   508.4,   1482.1,   0.0);   (371097.0,
3809194.3,   514.5,   1482.1,   0.0);
     (371029.6, 3809111.5,   512.5,   1482.1,   0.0);   (370996.1,
3809094.2,   511.6,   1482.1,   0.0);
     (371087.1, 3809036.9,   513.7,   1482.1,   0.0);   (371133.8,
3809094.3,   515.4,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371157.0, 3809122.9,   514.0,   1482.1,   0.0);   (371180.4,
3809151.6,   513.1,   1482.1,   0.0);
     (371042.0, 3809005.3,   514.9,   1482.1,   0.0);   (371204.5,
3809036.0,   517.1,   1482.1,   0.0);
     (371252.0, 3809094.5,   514.9,   1482.1,   0.0);   (371275.8,
3809123.7,   515.3,   1482.1,   0.0);
     (371299.6, 3809152.9,   514.4,   1482.1,   0.0);   (371121.3,

3808933.7,   517.6,   1482.1,   0.0);
     (371087.8, 3808916.4,   517.9,   1482.1,   0.0);   (371247.5,
3808943.7,   519.3,   1482.1,   0.0);
     (371327.9, 3809042.5,   517.9,   1482.1,   0.0);   (371350.8,
3809070.7,   518.6,   1482.1,   0.0);
     (371373.8, 3809099.0,   519.8,   1482.1,   0.0);   (371167.2,
3808844.9,   520.7,   1482.1,   0.0);
     (371133.7, 3808827.6,   520.6,   1482.1,   0.0);   (371317.9,
3808885.0,   521.4,   1482.1,   0.0);
     (371387.8, 3808971.0,   532.0,   1482.1,   0.0);   (371411.2,
3808999.7,   532.6,   1482.1,   0.0);
     (371434.5, 3809028.3,   523.4,   1482.1,   0.0);   (371457.8,
3809057.0,   518.9,   1482.1,   0.0);
     (371179.5, 3808738.7,   523.8,   1482.1,   0.0);   (370867.5,
3809234.6,   506.9,   1482.1,   0.0);
     (370843.1, 3809230.5,   505.7,   1482.1,   0.0);   (370895.9,
3809213.9,   508.4,   1482.1,   0.0);
     (370871.6, 3809209.9,   506.0,   1482.1,   0.0);   (370900.0,
3809189.3,   508.3,   1482.1,   0.0);
     (370875.7, 3809185.2,   507.2,   1482.1,   0.0);   (370918.8,
3809169.5,   507.6,   1482.1,   0.0);
     (370879.8, 3809160.6,   508.4,   1482.1,   0.0);   (370940.2,
3809072.5,   513.3,   1482.1,   0.0);
     (370896.3, 3809061.9,   514.2,   1482.1,   0.0);   (370959.1,
3808974.7,   514.1,   1482.1,   0.0);
     (370937.0, 3808967.4,   515.1,   1482.1,   0.0);   (371012.3,
3808888.3,   518.3,   1482.1,   0.0);
     (371051.5, 3808901.3,   517.9,   1482.1,   0.0);   (371011.9,
3808784.0,   518.3,   1482.1,   0.0);
     (371053.9, 3808798.0,   519.7,   1482.1,   0.0);   (371095.9,
3808812.0,   520.6,   1482.1,   0.0);
     (370945.6, 3808766.0,   521.0,   1482.1,   0.0);   (370921.3,
3808762.0,   524.9,   1482.1,   0.0);
     (371008.4, 3808678.8,   533.3,   1482.1,   0.0);   (371030.5,
3808686.1,   530.4,   1482.1,   0.0);
     (371052.5, 3808693.4,   525.2,   1482.1,   0.0);   (371074.6,
3808700.8,   523.7,   1482.1,   0.0);
     (371096.6, 3808708.1,   522.5,   1482.1,   0.0);   (371118.7,
3808715.4,   522.3,   1482.1,   0.0);
     (371140.8, 3808722.8,   523.2,   1482.1,   0.0);   (370986.4,
3808671.4,   528.6,   1482.1,   0.0);
     (370962.1, 3808667.4,   527.9,   1482.1,   0.0);   (370937.8,
3808663.3,   530.1,   1482.1,   0.0);
     (371339.0, 3809255.2,   514.6,   1482.1,   0.0);   (371439.0,
3809255.2,   515.9,   1482.1,   0.0);
     (370908.9, 3809261.4,   513.4,   1482.1,   0.0);   (371333.8,
3809341.7,   538.6,   1482.1,   0.0);
     (371397.8, 3809452.7,   529.9,   1482.1,   0.0);   (370889.7,
3809134.2,   511.2,   1482.1,   0.0);
     (370883.2, 3809091.0,   514.2,   1482.1,   0.0);   (370876.7,

3809047.8,   513.0,   1482.1,   0.0);
     (370914.4, 3809130.5,   511.7,   1482.1,   0.0);   (370907.9,
3809087.3,   515.1,   1482.1,   0.0);
     (370898.2, 3809022.4,   514.5,   1482.1,   0.0);   (370942.4,
3809148.4,   509.4,   1482.1,   0.0);
     (370935.9, 3809105.2,   512.7,   1482.1,   0.0);   (370926.2,
3809040.3,   515.5,   1482.1,   0.0);
     (370965.2, 3809161.8,   508.3,   1482.1,   0.0);   (370950.9,
3809036.6,   512.4,   1482.1,   0.0);
     (371059.1, 3809191.4,   512.4,   1482.1,   0.0);   (371062.8,
3809108.2,   512.8,   1482.1,   0.0);
     (371151.9, 3809028.6,   515.8,   1482.1,   0.0);   (371259.2,
3809141.2,   514.6,   1482.1,   0.0);
     (371257.3, 3809057.0,   515.9,   1482.1,   0.0);   (371355.5,
3809149.4,   515.1,   1482.1,   0.0);
     (371338.6, 3809299.0,   521.4,   1482.1,   0.0);   (371349.7,
3808998.9,   526.3,   1482.1,   0.0);
     (371457.0, 3809111.5,   517.6,   1482.1,   0.0);   (371445.4,
3809214.1,   516.5,   1482.1,   0.0);
     (371436.2, 3809296.1,   515.4,   1482.1,   0.0);   (371431.6,
3809337.1,   516.2,   1482.1,   0.0);
     (371451.8, 3809005.7,   520.7,   1482.1,   0.0);   (370877.6,
3809012.0,   513.9,   1482.1,   0.0);
     (370881.8, 3808989.5,   513.8,   1482.1,   0.0);   (370890.3,
3808944.6,   516.2,   1482.1,   0.0);
     (370894.6, 3808922.1,   518.2,   1482.1,   0.0);   (370898.8,
3808899.6,   520.2,   1482.1,   0.0);
     (370914.9, 3808949.2,   518.5,   1482.1,   0.0);   (370919.2,
3808926.7,   518.3,   1482.1,   0.0);
     (370923.4, 3808904.2,   518.9,   1482.1,   0.0);   (370931.9,
3808859.3,   523.5,   1482.1,   0.0);
     (370931.0, 3808998.8,   515.4,   1482.1,   0.0);   (370943.7,
3808931.4,   515.2,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (370948.0, 3808908.9,   516.8,   1482.1,   0.0);   (370956.5,
3808863.9,   521.9,   1482.1,   0.0);
     (370955.5, 3809003.5,   513.3,   1482.1,   0.0);   (370968.3,
3808936.0,   514.9,   1482.1,   0.0);
     (370976.8, 3808891.0,   517.0,   1482.1,   0.0);   (371173.3,

3808928.2,   518.4,   1482.1,   0.0);
     (371267.3, 3808969.3,   521.6,   1482.1,   0.0);   (371344.3,
3809100.3,   517.7,   1482.1,   0.0);
     (371459.6, 3809029.0,   519.3,   1482.1,   0.0);   (370904.5,
3808837.5,   524.4,   1482.1,   0.0);
     (370892.3, 3808816.4,   526.1,   1482.1,   0.0);   (370880.1,
3808795.3,   527.1,   1482.1,   0.0);
     (370926.1, 3808825.0,   524.2,   1482.1,   0.0);   (370914.0,
3808803.9,   525.4,   1482.1,   0.0);
     (370901.8, 3808782.8,   526.2,   1482.1,   0.0);   (370950.7,
3808829.6,   523.0,   1482.1,   0.0);
     (370935.6, 3808791.4,   522.5,   1482.1,   0.0);   (370973.3,
3808822.8,   520.0,   1482.1,   0.0);
     (370977.2, 3808845.7,   520.2,   1482.1,   0.0);   (370969.4,
3808800.0,   519.0,   1482.1,   0.0);
     (371056.0, 3808750.0,   522.2,   1482.1,   0.0);   (371158.2,
3808791.5,   522.7,   1482.1,   0.0);
     (371162.0, 3808814.3,   521.8,   1482.1,   0.0);   (371142.7,
3808700.0,   523.0,   1482.1,   0.0);
     (371130.5, 3808679.0,   522.8,   1482.1,   0.0);   (371118.3,
3808657.9,   523.9,   1482.1,   0.0);
     (371233.2, 3808672.9,   526.9,   1482.1,   0.0);   (371237.0,
3808695.8,   526.1,   1482.1,   0.0);
     (371240.9, 3808718.6,   525.4,   1482.1,   0.0);   (371244.8,
3808741.5,   524.9,   1482.1,   0.0);
     (371264.2, 3808855.8,   521.8,   1482.1,   0.0);   (371229.3,
3808650.1,   527.4,   1482.1,   0.0);
     (371217.1, 3808629.0,   527.2,   1482.1,   0.0);   (371205.0,
3808607.9,   526.6,   1482.1,   0.0);
     (371319.8, 3808623.0,   529.5,   1482.1,   0.0);   (371323.7,
3808645.8,   529.1,   1482.1,   0.0);
     (371327.5, 3808668.7,   528.4,   1482.1,   0.0);   (371331.4,
3808691.5,   527.7,   1482.1,   0.0);
     (371335.3, 3808714.4,   527.1,   1482.1,   0.0);   (371339.2,
3808737.2,   526.5,   1482.1,   0.0);
     (371343.0, 3808760.1,   525.3,   1482.1,   0.0);   (371346.9,
3808782.9,   524.8,   1482.1,   0.0);
     (371315.9, 3808600.1,   529.7,   1482.1,   0.0);   (371303.7,
3808579.0,   530.2,   1482.1,   0.0);
     (371291.6, 3808558.0,   530.6,   1482.1,   0.0);   (371406.4,
3808573.0,   532.6,   1482.1,   0.0);
     (371410.3, 3808595.8,   531.6,   1482.1,   0.0);   (371414.2,
3808618.7,   530.7,   1482.1,   0.0);
     (371418.0, 3808641.5,   530.3,   1482.1,   0.0);   (371421.9,
3808664.4,   529.5,   1482.1,   0.0);
     (371425.8, 3808687.3,   528.9,   1482.1,   0.0);   (371429.7,
3808710.1,   528.4,   1482.1,   0.0);
     (371433.5, 3808733.0,   527.8,   1482.1,   0.0);   (371437.4,
3808755.8,   528.0,   1482.1,   0.0);
     (371441.3, 3808778.7,   531.5,   1482.1,   0.0);   (371445.2,

3808801.5,   536.3,   1482.1,   0.0);
     (371449.1, 3808824.4,   539.0,   1482.1,   0.0);   (371453.0,
3808847.2,   539.7,   1482.1,   0.0);
     (371464.6, 3808915.8,   535.9,   1482.1,   0.0);   (371402.5,
3808550.1,   533.3,   1482.1,   0.0);
     (371390.4, 3808529.1,   533.6,   1482.1,   0.0);   (371378.2,
3808508.0,   534.0,   1482.1,   0.0);
     (370877.6, 3808756.3,   527.6,   1482.1,   0.0);   (370874.8,
3808732.0,   528.8,   1482.1,   0.0);
     (370872.0, 3808707.7,   530.5,   1482.1,   0.0);   (370899.6,
3808729.1,   528.1,   1482.1,   0.0);
     (370896.8, 3808704.8,   530.3,   1482.1,   0.0);   (370924.5,
3808726.2,   526.3,   1482.1,   0.0);
     (370921.6, 3808701.9,   529.0,   1482.1,   0.0);   (370949.3,
3808723.3,   522.8,   1482.1,   0.0);
     (370946.5, 3808699.0,   524.9,   1482.1,   0.0);   (371255.8,
3808761.4,   524.6,   1482.1,   0.0);
     (371448.8, 3808689.6,   529.1,   1482.1,   0.0);   (371445.9,
3808665.3,   529.7,   1482.1,   0.0);
     (371443.1, 3808641.0,   530.4,   1482.1,   0.0);   (370845.5,
3808685.6,   531.6,   1482.1,   0.0);
     (370821.2, 3808687.2,   532.1,   1482.1,   0.0);   (370861.5,
3808666.4,   534.0,   1482.1,   0.0);
     (370859.8, 3808641.5,   535.2,   1482.1,   0.0);   (370904.0,
3808669.2,   531.9,   1482.1,   0.0);
     (370858.1, 3808616.5,   537.4,   1482.1,   0.0);   (370893.5,
3808628.0,   533.6,   1482.1,   0.0);
     (370874.2, 3808524.1,   543.2,   1482.1,   0.0);   (370914.5,
3808537.2,   539.9,   1482.1,   0.0);
     (370954.9, 3808550.3,   538.1,   1482.1,   0.0);   (370985.2,
3808575.5,   538.4,   1482.1,   0.0);
     (371005.4, 3808612.8,   533.4,   1482.1,   0.0);   (371025.6,
3808650.1,   533.3,   1482.1,   0.0);
     (370890.7, 3808431.8,   563.8,   1482.1,   0.0);   (370933.1,
3808445.6,   552.2,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370975.5, 3808459.3,   543.9,   1482.1,   0.0);   (371017.8,
3808473.1,   538.2,   1482.1,   0.0);
     (371049.6, 3808499.5,   537.3,   1482.1,   0.0);   (371070.9,

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3808538.7,     536.8,    1482.1,       0.0);
     ( 371092.1, 3808577.9,     531.1,    1482.1,       0.0);         ( 371113.3,
3808617.0,     529.0,    1482.1,       0.0);
     ( 370907.5, 3808339.6,     542.9,    1482.1,       0.0);         ( 370929.2,
3808346.7,     549.0,    1482.1,       0.0);
     ( 370950.9, 3808353.8,     552.7,    1482.1,       0.0);         ( 370972.6,
3808360.8,     550.4,    1482.1,       0.0);
     ( 370994.4, 3808367.8,     544.7,    1482.1,       0.0);         ( 371016.1,
3808374.9,     543.0,    1482.1,       0.0);
     ( 371037.8, 3808381.9,     542.4,    1482.1,       0.0);         ( 371059.5,
3808389.0,     541.7,    1482.1,       0.0);
     ( 371081.3, 3808396.0,     541.0,    1482.1,       0.0);         ( 371113.9,
3808423.2,     538.6,    1482.1,       0.0);
     ( 371124.8, 3808443.3,     537.9,    1482.1,       0.0);         ( 371135.6,
3808463.4,     538.3,    1482.1,       0.0);
     ( 371146.5, 3808483.4,     537.9,    1482.1,       0.0);         ( 371157.4,
3808503.5,     534.6,    1482.1,       0.0);
     ( 371168.3, 3808523.6,     531.1,    1482.1,       0.0);         ( 371179.2,
3808543.7,     530.1,    1482.1,       0.0);
     ( 371190.0, 3808563.8,     528.6,    1482.1,       0.0);         ( 371200.9,
3808583.9,     526.5,    1482.1,       0.0);
     ( 370924.2, 3808247.5,     543.6,    1482.1,       0.0);         ( 370946.3,
3808254.6,     547.3,    1482.1,       0.0);
     ( 370968.4, 3808261.8,     551.2,    1482.1,       0.0);         ( 370990.4,
3808269.0,     559.0,    1482.1,       0.0);
     ( 371012.5, 3808276.1,     561.0,    1482.1,       0.0);         ( 371034.6,
3808283.3,     554.5,    1482.1,       0.0);
     ( 371056.6, 3808290.4,     547.6,    1482.1,       0.0);         ( 371078.7,
3808297.6,     551.2,    1482.1,       0.0);
     ( 371100.8, 3808304.8,     555.9,    1482.1,       0.0);         ( 371122.8,
3808311.9,     556.8,    1482.1,       0.0);
     ( 371144.9, 3808319.1,     552.0,    1482.1,       0.0);         ( 371178.0,
3808346.6,     541.7,    1482.1,       0.0);
     ( 371189.1, 3808367.0,     540.5,    1482.1,       0.0);         ( 371200.1,
3808387.4,     540.7,    1482.1,       0.0);
     ( 371211.2, 3808407.8,     540.0,    1482.1,       0.0);         ( 371222.2,
3808428.2,     535.8,    1482.1,       0.0);
     ( 371233.3, 3808448.6,     534.2,    1482.1,       0.0);         ( 371244.3,
3808469.0,     533.1,    1482.1,       0.0);
     ( 371255.4, 3808489.4,     532.7,    1482.1,       0.0);         ( 371266.4,
3808509.8,     531.2,    1482.1,       0.0);
     ( 371277.5, 3808530.2,     530.5,    1482.1,       0.0);         ( 370918.7,
3808148.1,     556.5,    1482.1,       0.0);
     ( 370941.0, 3808155.3,     559.3,    1482.1,       0.0);         ( 370963.3,
3808162.5,     555.4,    1482.1,       0.0);
     ( 370985.6, 3808169.8,     552.4,    1482.1,       0.0);         ( 371007.9,
3808177.0,     564.9,    1482.1,       0.0);
     ( 371030.2, 3808184.2,     572.2,    1482.1,       0.0);         ( 371052.5,
3808191.5,     571.4,    1482.1,       0.0);
     ( 371074.8, 3808198.7,     566.3,    1482.1,       0.0);         ( 371097.1,
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3808206.0,   562.3,   1482.1,   0.0);
     (371119.4, 3808213.2,   560.6,   1482.1,   0.0);   (371141.7,
3808220.4,   560.1,   1482.1,   0.0);
     (371164.0, 3808227.7,   556.5,   1482.1,   0.0);   (371186.3,
3808234.9,   547.5,   1482.1,   0.0);
     (371208.6, 3808242.1,   546.1,   1482.1,   0.0);   (371242.1,
3808270.0,   545.0,   1482.1,   0.0);
     (371253.3, 3808290.6,   544.4,   1482.1,   0.0);   (371264.4,
3808311.2,   543.9,   1482.1,   0.0);
     (371275.6, 3808331.8,   542.0,   1482.1,   0.0);   (371286.8,
3808352.4,   538.6,   1482.1,   0.0);
     (371297.9, 3808373.0,   537.8,   1482.1,   0.0);   (371309.1,
3808393.7,   536.9,   1482.1,   0.0);
     (371320.3, 3808414.3,   536.0,   1482.1,   0.0);   (371331.4,
3808434.9,   535.8,   1482.1,   0.0);
     (371342.6, 3808455.5,   534.9,   1482.1,   0.0);   (371353.8,
3808476.1,   534.5,   1482.1,   0.0);
     (370807.2, 3808111.9,   547.3,   1482.1,   0.0);   (370782.9,
3808113.5,   540.9,   1482.1,   0.0);
     (370850.8, 3808734.6,   529.6,   1482.1,   0.0);   (370853.2,
3808759.5,   528.7,   1482.1,   0.0);
     (370861.0, 3809110.4,   514.7,   1482.1,   0.0);   (370826.6,
3808651.5,   534.9,   1482.1,   0.0);
     (370934.2, 3808562.5,   538.1,   1482.1,   0.0);   (370954.8,
3808592.6,   538.0,   1482.1,   0.0);
     (370975.4, 3808622.7,   534.8,   1482.1,   0.0);   (370903.3,
3808517.4,   542.8,   1482.1,   0.0);
     (370972.0, 3808481.4,   540.5,   1482.1,   0.0);   (370992.6,
3808511.5,   538.1,   1482.1,   0.0);
     (371013.2, 3808541.6,   538.0,   1482.1,   0.0);   (371033.8,
3808571.7,   536.8,   1482.1,   0.0);
     (371054.4, 3808601.7,   531.5,   1482.1,   0.0);   (371075.0,
3808631.8,   528.9,   1482.1,   0.0);
     (371095.6, 3808661.9,   525.4,   1482.1,   0.0);   (371095.7,
3808788.8,   521.1,   1482.1,   0.0);
     (370930.8, 3808421.3,   557.2,   1482.1,   0.0);   (371009.8,
3808400.3,   542.9,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371030.4, 3808430.4,   541.0,   1482.1,   0.0);   (371051.0,

3808460.5,   538.8,   1482.1,   0.0);
     (371071.6, 3808490.5,   537.4,   1482.1,   0.0);   (371092.2,
3808520.6,   537.8,   1482.1,   0.0);
     (371112.8, 3808550.7,   531.7,   1482.1,   0.0);   (371133.4,
3808580.8,   530.1,   1482.1,   0.0);
     (371154.0, 3808610.9,   527.1,   1482.1,   0.0);   (371174.6,
3808640.9,   525.2,   1482.1,   0.0);
     (371195.2, 3808671.0,   525.7,   1482.1,   0.0);   (371105.2,
3808888.3,   518.5,   1482.1,   0.0);
     (371015.2, 3808978.7,   516.5,   1482.1,   0.0);   (370958.2,
3808325.1,   551.7,   1482.1,   0.0);
     (370922.7, 3808315.0,   540.4,   1482.1,   0.0);   (370996.0,
3808244.0,   560.2,   1482.1,   0.0);
     (371047.5, 3808319.2,   544.3,   1482.1,   0.0);   (371068.1,
3808349.3,   543.3,   1482.1,   0.0);
     (371212.4, 3808559.8,   528.6,   1482.1,   0.0);   (371233.0,
3808589.9,   527.4,   1482.1,   0.0);
     (371253.6, 3808620.0,   528.5,   1482.1,   0.0);   (371274.2,
3808650.1,   528.0,   1482.1,   0.0);
     (371294.8, 3808680.1,   527.9,   1482.1,   0.0);   (371320.6,
3808781.2,   524.6,   1482.1,   0.0);
     (371114.8, 3808987.9,   515.7,   1482.1,   0.0);   (371089.0,
3809013.7,   514.3,   1482.1,   0.0);
     (370967.9, 3808223.9,   545.4,   1482.1,   0.0);   (371023.5,
3808147.8,   568.4,   1482.1,   0.0);
     (371075.0, 3808223.0,   569.6,   1482.1,   0.0);   (371095.6,
3808253.1,   563.4,   1482.1,   0.0);
     (371116.2, 3808283.2,   560.9,   1482.1,   0.0);   (371342.9,
3808614.1,   530.5,   1482.1,   0.0);
     (371363.5, 3808644.1,   529.3,   1482.1,   0.0);   (371384.1,
3808674.2,   528.3,   1482.1,   0.0);
     (371404.7, 3808704.3,   527.9,   1482.1,   0.0);   (371420.2,
3808790.3,   530.9,   1482.1,   0.0);
     (371394.4, 3808816.1,   526.4,   1482.1,   0.0);   (371291.5,
3808919.5,   520.3,   1482.1,   0.0);
     (371175.8, 3809035.7,   516.7,   1482.1,   0.0);   (371111.5,
3809100.3,   514.5,   1482.1,   0.0);
     (371085.7, 3809126.1,   512.9,   1482.1,   0.0);   (371021.4,
3809190.7,   511.2,   1482.1,   0.0);
     (370931.4, 3809281.2,   511.3,   1482.1,   0.0);   (370995.4,
3808127.7,   571.2,   1482.1,   0.0);
     (370822.8, 3808712.2,   530.9,   1482.1,   0.0);   (370847.1,
3808710.6,   530.5,   1482.1,   0.0);
     (370858.5, 3808807.8,   526.9,   1482.1,   0.0);   (370882.8,
3808850.0,   524.0,   1482.1,   0.0);
     (370848.8, 3809029.9,   512.4,   1482.1,   0.0);   (370868.2,
3809159.5,   508.1,   1482.1,   0.0);
     (370839.0, 3809234.1,   505.6,   1482.1,   0.0);   (370839.0,
3809255.2,   506.0,   1482.1,   0.0);
     (370887.7, 3809263.3,   511.1,   1482.1,   0.0);   (370937.9,

3809289.2,   509.6,   1482.1,   0.0);
     (370946.0, 3809318.4,   503.8,   1482.1,   0.0);   (371002.3,
3809324.5,   509.0,   1482.1,   0.0);
     (371003.7, 3809369.9,   500.0,   1482.1,   0.0);   (371137.8,
3809366.2,   499.3,   1482.1,   0.0);
     (371225.6, 3809364.7,   528.8,   1482.1,   0.0);   (371212.1,
3809444.2,   516.7,   1482.1,   0.0);
     (371189.7, 3809473.3,   508.4,   1482.1,   0.0);   (371178.5,
3809515.8,   496.6,   1482.1,   0.0);
     (371208.7, 3809569.0,   495.7,   1482.1,   0.0);   (371216.7,
3809697.1,   499.6,   1482.1,   0.0);
     (371211.6, 3809719.4,   500.9,   1482.1,   0.0);   (371195.1,
3809860.3,   503.2,   1482.1,   0.0);
     (371186.5, 3809871.8,   501.2,   1482.1,   0.0);   (371200.1,
3809894.8,   494.9,   1482.1,   0.0);
     (371192.9, 3810052.3,   510.7,   1482.1,   0.0);   (371165.6,
3810045.9,   506.9,   1482.1,   0.0);
     (371154.1, 3810042.3,   505.2,   1482.1,   0.0);   (371154.1,
3810059.5,   510.1,   1482.1,   0.0);
     (371146.2, 3810064.6,   510.8,   1482.1,   0.0);   (371023.9,
3810055.9,   495.5,   1482.1,   0.0);
     (371015.3, 3810023.6,   491.7,   1482.1,   0.0);   (370757.8,
3809977.5,   486.9,   1482.1,   0.0);
     (370666.5, 3810061.0,   481.7,   1482.1,   0.0);   (370592.0,
3810093.1,   481.1,   1482.1,   0.0);
     (370548.0, 3810094.0,   481.0,   1482.1,   0.0);   (370528.6,
3810117.7,   479.9,   1482.1,   0.0);
     (370503.2, 3810116.8,   479.9,   1482.1,   0.0);   (370485.4,
3810094.0,   480.9,   1482.1,   0.0);
     (370430.4, 3810099.9,   481.4,   1482.1,   0.0);   (370313.6,
3810112.6,   481.1,   1482.1,   0.0);
     (370298.4, 3810127.0,   481.4,   1482.1,   0.0);   (370224.0,
3810150.7,   487.0,   1482.1,   0.0);
     (370196.0, 3810182.0,   479.4,   1482.1,   0.0);   (370170.7,
3810183.7,   478.7,   1482.1,   0.0);
     (370135.1, 3810190.4,   482.0,   1482.1,   0.0);   (370108.0,
3810175.2,   491.4,   1482.1,   0.0);
     (370075.0, 3810182.8,   491.9,   1482.1,   0.0);   (369956.6,
3810155.7,   476.9,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 369907.5, 3810133.7,     476.8,    1482.1,       0.0);         ( 369878.8,
3810142.2,     476.2,    1482.1,       0.0);
     ( 369864.4, 3810132.9,     475.6,    1482.1,       0.0);         ( 369868.6,
3810116.0,     475.7,    1482.1,       0.0);
     ( 369829.7, 3810091.4,     476.1,    1482.1,       0.0);         ( 369822.1,
3810071.1,     476.6,    1482.1,       0.0);
     ( 369832.2, 3810050.0,     477.5,    1482.1,       0.0);         ( 369850.0,
3810046.6,     477.5,    1482.1,       0.0);
     ( 370020.0, 3810114.3,     477.2,    1482.1,       0.0);         ( 370020.0,
3810077.0,     478.0,    1482.1,       0.0);
     ( 370037.0, 3810070.3,     478.2,    1482.1,       0.0);         ( 370049.7,
3810076.2,     478.0,    1482.1,       0.0);
     ( 370079.3, 3810067.7,     478.0,    1482.1,       0.0);         ( 370097.0,
3810031.4,     483.0,    1482.1,       0.0);
     ( 370116.5, 3810027.1,     483.0,    1482.1,       0.0);         ( 370171.5,
3810050.8,     495.3,    1482.1,       0.0);
     ( 370186.7, 3810037.3,     503.4,    1482.1,       0.0);         ( 370218.0,
3810033.0,     492.7,    1482.1,       0.0);
     ( 370226.5, 3810041.5,     492.3,    1482.1,       0.0);         ( 370244.3,
3810028.0,     486.4,    1482.1,       0.0);
     ( 370289.1, 3810031.4,     483.3,    1482.1,       0.0);         ( 370324.6,
3810044.9,     482.5,    1482.1,       0.0);
     ( 370467.6, 3810030.5,     484.0,    1482.1,       0.0);         ( 370478.6,
3810028.0,     484.1,    1482.1,       0.0);
     ( 370489.6, 3810000.9,     485.2,    1482.1,       0.0);         ( 370531.1,
3809993.3,     485.2,    1482.1,       0.0);
     ( 370549.7, 3809988.2,     485.4,    1482.1,       0.0);         ( 370578.5,
3809984.0,     485.9,    1482.1,       0.0);
     ( 370638.6, 3809975.5,     499.1,    1482.1,       0.0);         ( 370652.9,
3809970.4,     499.8,    1482.1,       0.0);
     ( 370655.5, 3809958.6,     495.9,    1482.1,       0.0);         ( 370597.9,
3809958.6,     490.7,    1482.1,       0.0);
     ( 370524.3, 3809960.3,     487.4,    1482.1,       0.0);         ( 370494.7,
3809938.3,     486.8,    1482.1,       0.0);
     ( 370450.7, 3809941.7,     486.3,    1482.1,       0.0);         ( 370431.3,
3809942.5,     486.5,    1482.1,       0.0);
     ( 370427.0, 3809924.8,     486.3,    1482.1,       0.0);         ( 370430.4,
3809906.1,     486.6,    1482.1,       0.0);
     ( 370408.4, 3809902.8,     486.4,    1482.1,       0.0);         ( 370394.0,
3809710.7,     490.2,    1482.1,       0.0);
     ( 370394.9, 3809696.3,     490.6,    1482.1,       0.0);         ( 370402.5,
3809685.3,     491.2,    1482.1,       0.0);
     ( 370426.2, 3809701.4,     490.8,    1482.1,       0.0);         ( 370426.2,
3809625.2,     499.2,    1482.1,       0.0);
     ( 370439.7, 3809600.7,     501.9,    1482.1,       0.0);         ( 370503.2,
3809546.5,     499.4,    1482.1,       0.0);
     ( 370698.6, 3809431.5,     500.4,    1482.1,       0.0);         ( 370715.5,
3809438.2,     500.2,    1482.1,       0.0);
     ( 370766.3, 3809401.0,     502.0,    1482.1,       0.0);         ( 370767.2,
```

3809342.6,   503.3,   1482.1,   0.0);
     (370734.2, 3809307.1,   501.8,   1482.1,   0.0);   (370739.2,
3809271.5,   501.9,   1482.1,   0.0);
     (370795.9, 3809270.7,   503.6,   1482.1,   0.0);   (370795.9,
3809163.2,   508.6,   1482.1,   0.0);
     (370797.6, 3808929.7,   516.4,   1482.1,   0.0);   (370806.9,
3808880.6,   522.1,   1482.1,   0.0);
     (370809.5, 3808845.1,   524.5,   1482.1,   0.0);   (370813.7,
3808830.7,   525.4,   1482.1,   0.0);
     (370789.2, 3808796.9,   529.8,   1482.1,   0.0);   (370801.0,
3808766.4,   529.4,   1482.1,   0.0);
     (370809.5, 3808708.0,   531.5,   1482.1,   0.0);   (370812.8,
3808699.6,   532.0,   1482.1,   0.0);
     (370848.4, 3808709.7,   530.5,   1482.1,   0.0);

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
              Met Version: 22112
   Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.: 23130 Upper air station no.: 3190
                Name: UNKNOWN Name: UNKNOWN

                Year: 2018 Year: 2018

 First 24 hours of scalar data
 YR MO DY JDY HR H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN
ALBEDO REF WS WD HT REF TA HT
- - - -

```
0.35    0.97  314.    7.9  282.4    9.0
 18 01 01   1 10   89.7  0.133  0.759  0.015  170.  117.     -2.3  0.03   2.01
0.27    1.33   19.    7.9  288.8    9.0
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
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```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370795.73   3808683.73       29.87401  (18033101)               370772.52
3808674.46       29.79045  (23071506)
        370799.76   3808653.91       29.38324  (18033101)               370749.30
3808665.18       29.58718  (23071506)
        370767.60   3808645.43       28.53785  (23071506)               370788.75
3808631.46       27.81437  (18033101)
        370815.57   3808629.07       29.24287  (18033101)               370726.09
3808655.91       28.91471  (23071506)
        370744.39   3808636.15       28.55033  (23071506)               370762.69
3808616.40       27.50640  (23071506)
        370786.67   3808608.22       26.95769  (18033101)               370813.49
3808605.83       28.05912  (18033101)
        370633.22   3808618.80       24.08269  (23071506)               370651.53
3808599.05       24.12957  (23071506)
        370669.83   3808579.30       24.50710  (23071506)               370688.13
3808559.55       25.35728  (23071506)
        370706.43   3808539.80       24.98029  (23071506)               370733.67
3808519.25       23.44194  (23071506)
        370760.49   3808516.86       22.05862  (23071506)               370787.31
3808514.46       21.92493  (20121618)
        370814.13   3808512.07       22.43809  (21120318)               370840.95
3808509.67       23.43401  (21120318)
        370540.36   3808581.70       22.17135  (23060306)               370558.66
3808561.95       21.56545  (23060306)
        370576.97   3808542.20       21.29371  (23060306)               370595.27
3808522.45       20.60707  (23060306)
        370613.57   3808502.70       20.21702  (23071506)               370631.87
3808482.95       21.10670  (23071506)
        370650.17   3808463.20       21.88184  (23071506)               370668.47
3808443.44       22.49812  (23071506)
        370689.61   3808429.48       22.71755  (23071506)               370716.43
3808427.09       22.18636  (23071506)
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        370743.25   3808424.69       21.94033  (23071506)                370770.07
3808422.30       22.94640  (18033101)
        370796.89   3808419.90       23.51951  (18033101)                370823.71
3808417.51       23.19508  (18033101)
        370850.53   3808415.11       22.50874  (21120318)                370877.35
3808412.72       20.41533  (21120318)
        370447.50   3808544.60       19.73763  (23060306)                370465.80
3808524.85       19.64159  (23060306)
        370484.10   3808505.10       19.81417  (23060306)                370502.40
3808485.35       19.84709  (23060306)
        370520.71   3808465.60       21.27663  (23060306)                370539.01
3808445.85       21.38976  (23060306)
        370557.31   3808426.09       21.83341  (23071506)                370575.61
3808406.34       22.43123  (23071506)
        370593.91   3808386.59       22.56468  (23071506)                370612.21
3808366.84       22.93832  (23071506)
        370630.51   3808347.09       22.90117  (23071506)                370654.49
3808338.91       21.31353  (23112403)
        370681.31   3808336.52       21.97389  (23071506)                370708.13
3808334.12       21.12410  (20040624)
        370734.95   3808331.73       21.73045  (18033101)                370761.77
3808329.33       22.29607  (18033101)
        370788.60   3808326.94       22.53597  (18033101)                370815.42
3808324.55       22.27863  (18033101)
        370842.24   3808322.15       21.25851  (18033101)                370869.06
3808319.76       21.33858  (21040306)
        370895.88   3808317.36       21.14208  (21040306)                370354.64
3808507.50       20.82936  (21040403)
        370372.94   3808487.75       20.46645  (21040403)                370391.24
3808468.00       20.02405  (23060306)
        370409.54   3808448.25       20.40040  (23060306)                370427.84
3808428.50       20.85747  (23060306)
        370446.14   3808408.74       20.64236  (23060306)                370464.45
3808388.99       21.26371  (23060306)
        370482.75   3808369.24       21.10467  (23060306)                370501.05
3808349.49       20.77003  (23060306)
        370519.35   3808329.74       19.26233  (20041005)                370537.65
3808309.99       19.33433  (20041005)
        370555.95   3808290.24       19.32804  (20040923)                370574.25
3808270.49       20.17172  (23071506)
        370601.50   3808249.94       18.88784  (23112403)                370628.32
3808247.54       19.28040  (20040624)
        370655.14   3808245.15       19.45023  (20040624)                370681.96
3808242.75       19.42780  (20040624)
        370708.78   3808240.36       19.26902  (20040624)                370735.60
3808237.97       20.05807  (18033101)
        370762.42   3808235.57       20.72768  (18033101)                370789.24
3808233.18       21.19494  (18033101)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF CO   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3808155.38 17.36776 (20040624)
370637.90 3808152.98 17.67041 (20040624) 370664.72
3808150.59 17.77233 (20040624)
370691.54 3808148.20 18.00603 (20040624) 370718.36
3808145.80 18.92420 (18033101)
370745.18 3808143.41 20.01241 (18033101) 370772.00
3808141.01 19.55284 (18033101)
370798.82 3808138.62 18.20368 (18033101) 370825.64
3808136.22 18.19789 (21120318)
370852.46 3808133.83 18.66762 (21120318) 370879.28
3808131.44 18.59145 (21120318)
370906.10 3808129.04 16.86783 (21120318) 370932.92
3808126.65 15.29788 (20041003)
370959.74 3808124.25 14.79841 (20041003) 370784.73
3808704.46 31.35620 (23071506)
370779.09 3808743.38 33.90854 (23071506) 370759.99
3808700.88 30.88048 (23071506)
370754.35 3808739.80 32.50149 (23071506) 370735.25
3808697.29 30.65339 (23071506)
370729.61 3808736.21 32.19970 (23071506) 370713.56
3808682.33 29.08165 (23071506)
370707.68 3808713.17 30.73138 (23071506) 370702.04
3808752.09 31.37669 (23071506)
370615.61 3808664.19 24.67194 (23060306) 370608.72
3808698.83 26.15044 (23060306)
370603.08 3808737.75 27.01192 (23060306) 370517.15
3808647.96 21.69483 (23060306)
370526.30 3808613.82 22.07551 (23060306) 370509.75
3808684.49 22.00508 (21040403)
370504.11 3808723.41 22.34976 (21040403) 370418.49
3808632.48 21.50091 (21040403)
370428.25 3808596.06 21.73688 (21040403) 370410.78
3808670.14 20.74643 (21040403)
370405.14 3808709.06 20.23412 (20012517) 370319.72
3808617.38 19.95919 (21040403)
370329.90 3808579.44 20.82180 (21040403) 370340.07
3808541.51 20.96965 (21040403)
370311.82 3808655.80 20.21649 (21040403) 370306.18
3808694.72 20.49344 (21040403)
370220.25 3808604.93 19.06624 (21040403) 370229.41
3808570.79 18.90886 (21040403)
370238.56 3808536.65 19.34067 (21040403) 370247.72
3808502.51 19.69417 (21040403)
370212.85 3808641.46 19.04678 (21040403) 370207.21
3808680.38 19.48026 (21120517)
370771.79 3808772.60 34.98559 (23071506) 370748.49
3808763.53 33.44768 (23071506)
370719.26 3808769.70 32.62226 (23071506) 370768.92
3808811.57 36.50515 (23071506)
370793.46 3808845.41 40.46915 (23071506) 370744.13

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                          INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
             L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
             L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
             L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF CO IN MICROGRAMS/M**3
              **

  X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
 - - -

370443.47 3808976.61 22.05572 (21022423) 370428.89
3808939.87 24.74066 (21040403)
370414.31 3808903.14 24.37738 (21040403) 370399.73
3808866.40 23.01914 (20012517)
370394.84 3808828.41 23.06919 (21040403) 370399.62
3808789.18 22.18969 (20012517)
370404.41 3808749.95 21.33683 (20012517) 370477.61
3809048.63 26.05605 (21102924)
370376.80 3809071.29 21.79975 (21102924) 370361.61
3809033.02 22.85122 (21102924)
370346.42 3808994.75 23.95714 (21120517) 370331.23
3808956.48 23.43831 (21120517)
370316.04 3808918.22 22.02172 (20012517) 370300.86
3808879.95 20.82573 (20012517)
370295.76 3808840.38 20.24013 (20012517) 370300.74
3808799.51 19.89827 (20012517)
370305.73 3808758.65 20.92912 (20012517) 370310.72
3808717.78 20.77628 (21040403)
370396.66 3809107.34 22.66972 (21102924) 370296.14
3809130.76 22.74004 (21102924)
370281.56 3809094.02 23.49130 (21102924) 370266.98
3809057.29 24.02676 (20032005)
370252.40 3809020.55 23.55073 (20041006) 370237.82
3808983.81 21.94108 (20032005)
370223.24 3808947.07 21.50655 (20032005) 370208.66
3808910.34 21.18000 (20032005)
370196.48 3808853.98 20.60212 (21120517) 370201.26
3808814.75 20.07360 (21120517)
370206.05 3808775.52 20.35068 (21120517) 370210.84
3808736.28 20.14550 (21120517)
370315.70 3809166.05 19.40918 (20121108) 370621.82
3808774.33 28.72629 (23060306)
370525.88 3808746.12 23.96126 (21040403) 370429.94
3808717.92 21.86576 (21040403)
370334.00 3808689.72 20.63325 (20012517) 370238.06
3808661.52 19.68523 (21040403)
370781.99 3808878.87 40.73672 (23071506) 370757.06
3808877.08 37.39793 (23071506)
370612.52 3808816.81 29.26663 (23060306) 370316.18
3808779.36 20.27708 (20012517)
370228.12 3808707.51 20.02556 (21120517) 370773.06
3808925.07 38.69922 (23071506)
370748.50 3808920.41 36.27441 (23071506) 370723.93
3808915.75 33.66724 (23112403)
370699.37 3808911.09 30.58220 (20041005) 370772.45
3808952.90 38.11398 (23112403)
370772.28 3808976.25 38.04170 (20040624) 370772.11
3808999.61 38.02773 (20040923)
370771.94 3809022.96 38.08668 (20040923) 370771.78
3809046.31 38.17004 (20040923)

370771.61 3809069.66 38.64889 (20041005) 370771.44
3809093.01 39.38598 (20041005)
370771.27 3809116.37 40.39798 (20041005) 370771.10
3809139.72 41.97257 (20041005)
370770.93 3809163.07 44.01447 (20041005) 370747.45
3808952.72 35.72491 (23112403)
370747.28 3808976.07 35.76163 (20040923) 370747.11
3808999.42 35.82677 (20040923)
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3809046.13 36.12324 (20041005)
370746.61 3809069.48 36.47440 (20041005) 370746.44
3809092.83 37.00347 (20041005)
370746.27 3809116.18 37.75342 (20041005) 370746.10
3809139.54 38.65920 (20041005)
370745.93 3809162.89 39.80091 (20041005) 370722.45
3808952.54 33.95414 (20041005)
↟ *** AERMOD - VERSION 24142 *** *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I *** 08/05/25
*** AERMET - VERSION 22112 *** ***
*** 16:33:39

PAGE 98
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

3809092.65 34.88596 (20041005)
370721.27 3809116.00 35.42365 (20041005) 370721.10
3809139.36 36.12462 (20041005)
370720.93 3809162.71 37.03914 (20041005) 370697.45
3808952.36 31.44096 (20041005)
370697.28 3808975.71 31.56715 (20041005) 370697.12
3808999.06 32.14685 (20041005)
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3809045.77 32.65227 (20041005)
370696.61 3809069.12 32.61203 (20041005) 370696.44
3809092.47 32.99612 (20041005)
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3809139.17 33.85679 (20041005)
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370597.46 3808951.63 25.14587 (20041005) 370597.29
3808974.99 25.30091 (20041005)
370597.12 3808998.34 25.51652 (20041005) 370596.95
3809021.69 25.73836 (20041005)
370596.78 3809045.04 25.97608 (20041005) 370596.61
3809068.39 26.16260 (20041005)
370596.44 3809091.75 26.38007 (20041005) 370596.27
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370596.10 3809138.45 26.62187 (20041005) 370595.94
3809161.80 26.80572 (20041005)
370499.38 3808909.65 27.18087 (21040403) 370497.46
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370497.29 3808974.26 25.93712 (21040403) 370497.12
3808997.61 26.13137 (21040403)
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3809067.67 25.73030 (21022423)
370496.44 3809091.02 26.18820 (21022423) 370496.28
3809114.37 27.00203 (21102924)
370496.11 3809137.73 25.36239 (21102924) 370495.94
3809161.08 23.96495 (21102924)
370397.63 3808926.84 23.47188 (20012517) 370397.46
3808950.19 24.34279 (21120517)
370397.29 3808973.54 23.83352 (21102924) 370397.12
3808996.89 22.56003 (21102924)
370396.95 3809020.24 22.08876 (21102924) 370396.79
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370297.46 3808949.46 21.70238 (20012517) 370297.30
3808972.82 21.77037 (20012517)
370297.13 3808996.17 21.72165 (20012517) 370296.96
3809019.52 23.29671 (20032005)
370296.79 3809042.87 24.35860 (20041006) 370296.62
3809066.22 24.49262 (20041006)
370201.83 3808882.40 21.02111 (20032005) 370197.47

3808948.74   22.14187 (20041006)
        370197.30   3808972.09   22.43563 (20041006)   370197.13
3808995.44   22.82500 (20041006)
        370196.96   3809018.80   21.28588 (21102924)   370196.79
3809042.15   22.24644 (20041006)
        370196.62   3809065.50   23.91193 (20041006)   370196.45
3809088.85   22.69207 (20041006)
        370196.28   3809112.20   23.22494 (20040404)   370196.11
3809135.56   24.04407 (20040404)
        370195.95   3809158.91   24.54427 (20040404)   370770.93
3809206.23   47.07567 (20040923)
        370770.93   3809249.22   54.38084 (21020617)   370745.93
3809206.23   42.56747 (20041005)
        370745.93   3809249.22   53.15745 (21020617)   370720.93
3809206.23   38.84739 (20041005)
        370720.93   3809249.22   43.06915 (21020617)   370695.93
3809206.23   35.47138 (20041005)
        370695.93   3809249.22   35.84570 (20041005)   370595.93
3809184.74   27.16870 (20041005)
        370595.93   3809227.73   28.06780 (20041005)   370595.93
3809270.71   28.78044 (20041005)
        370495.93   3809184.74   25.56593 (21102924)   370495.93
3809227.73   30.71475 (21102924)
        370495.93   3809270.71   32.82957 (20041006)   370395.93
3809184.74   28.20985 (20032005)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370395.93	3809227.73	29.12262	(20041006)	370395.93	3809270.71	24.77526	(21102924)
370295.93	3809184.74	19.13620	(20121108)	370295.93	3809227.73	18.92723	(20121108)
370295.93	3809270.71	18.93812	(20121108)	370195.93	3809184.74	24.41877	(20040404)
370195.93	3809227.73	18.77255	(20121108)	370195.93	3809270.71	16.12243	(21123018)
370795.56	3809245.71	58.91852	(21020617)	370795.19	3809220.72	54.59363	(21020617)
370794.82	3809195.72	51.59582	(18033101)	370794.45	3809170.72	49.34604	(20040624)
370711.95	3809285.78	37.76181	(20041005)	370687.20	3809282.25	34.84936	(20041005)
370673.22	3809245.71	33.30996	(20041005)	370662.45	3809278.71	32.49625	(20041005)
370648.48	3809242.17	31.44499	(20041005)	370664.94	3809211.72	32.29020	(20041005)
370705.46	3809184.03	35.98239	(20041005)	370637.71	3809275.17	30.47298	(20041005)
370549.48	3809228.02	26.79571	(18033101)	370565.94	3809197.57	26.30083	(18033101)
370623.24	3809115.20	28.09942	(20041005)	370655.53	3809102.73	30.13831	(20041005)
370538.71	3809261.02	27.20138	(18033101)	370450.49	3809213.87	29.96950	(20041006)
370466.95	3809183.42	28.30820	(21102924)	370524.56	3809076.82	23.37407	(20041005)
370557.16	3809040.14	24.30357	(20041005)	370621.76	3809015.21	26.88239	(20041005)
370654.05	3809002.74	28.73466	(20041005)	370439.72	3809246.87	26.89095	(21102924)
370351.49	3809199.72	26.16686	(21102924)	370367.95	3809169.27	26.08789	(21102924)
370417.33	3809077.90	21.85648	(21102924)	370433.79	3809047.45	21.15882	(21022423)
370466.71	3808986.54	23.05866	(21022423)	370571.83	3808933.92	25.99147	(23060306)
370652.57	3808902.75	26.87880	(20041005)	370684.87	3808890.29	28.41456	(20041005)
370340.72	3809232.72	23.58261	(21102924)	370252.50	3809185.57	20.24294	(20121108)
370268.96	3809155.12	22.32797	(21102924)	370326.57	3809048.52	24.09150	(21102924)
370343.03	3809018.07	24.15733	(21102924)	370367.72	3808972.39	23.73714	(21102924)

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        370441.16   3808883.78       24.47171  (21040403)                370473.46
3808871.32       25.01275  (21040403)
        370521.90   3808852.62       27.30129  (21040403)                370554.20
3808840.16       26.21624  (21040403)
        370586.50   3808827.69       28.02825  (23060306)                370634.94
3808809.00       29.69595  (23060306)
        370667.24   3808796.53       30.38714  (23060306)                370241.73
3809218.57       25.52288  (20040404)
        370153.51   3809171.42       15.01666  (20121108)                370169.97
3809140.97       17.54157  (20121108)
        370219.34   3809049.60       23.98341  (20041006)                370260.49
3808973.46       21.21384  (21121820)
        370285.18   3808927.78       21.27926  (20012517)                370326.33
3808851.64       20.72078  (20012517)
        370358.94   3808814.95       21.95388  (20012517)                370423.53
3808790.03       22.35476  (20012517)
        370455.83   3808777.56       23.39547  (21040403)                370552.72
3808740.17       24.65296  (23060306)
        370633.46   3808709.01       27.23314  (23060306)                370665.76
3808696.54       27.75537  (23071506)
        370142.74   3809204.42       14.46437  (21123018)                370715.84
3809324.10       43.56350  (23123116)
        370732.34   3809341.87       47.87135  (23122406)                370748.84
3809359.64       54.91381  (23123116)
        370691.09   3809320.56       38.13674  (18012819)                370714.02
3809358.88       45.26016  (20013118)
        370730.52   3809376.65       50.16319  (23123116)                370672.77
3809337.57       37.96149  (18012819)
        370695.70   3809375.89       43.79563  (20013118)                370712.20
3809393.66       48.44353  (23122406)
        370654.45   3809354.59       37.18728  (18012819)                370641.59
3809313.49       32.58102  (20041005)
        370677.38   3809392.90       42.79574  (18012819)                370693.88
3809410.67       49.44775  (21020617)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
```

L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370581.17	3809422.63	35.33943	(20121108)	370568.31	3809381.53	31.41548	(20121108)
370555.46	3809340.44	29.35559	(20121108)	370542.60	3809299.34	27.23347	(20121108)
370604.10	3809460.95	46.50847	(21020617)	370507.30	3809488.80	36.56353	(21020617)
370500.29	3809466.39	32.61013	(20121108)	370493.28	3809443.97	30.92596	(20121108)
370486.27	3809421.55	29.52413	(20121108)	370479.25	3809399.14	28.45713	(20121108)
370472.24	3809376.72	27.31780	(20121108)	370465.23	3809354.31	26.13090	(20121108)
370458.22	3809331.89	24.99560	(20121108)	370451.20	3809309.47	24.15892	(20121108)
370444.19	3809287.06	24.34517	(20121108)	370514.32	3809511.22	42.42884	(21020617)
370530.82	3809528.99	50.34828	(21020617)	370434.18	3809557.35	39.47916	(21020617)
370427.32	3809535.43	33.98824	(21020617)	370420.47	3809513.51	29.72224	(21020617)
370413.61	3809491.59	27.33486	(21123018)	370406.75	3809469.67	26.03594	(21123018)
370399.90	3809447.75	24.73857	(21123018)	370393.04	3809425.84	23.83104	(20121108)
370386.18	3809403.92	23.60058	(20121108)	370379.33	3809382.00	23.96488	(20121108)
370372.47	3809360.08	26.70370	(21102924)	370365.61	3809338.16	31.30312	(20040404)
370358.76	3809316.25	31.06053	(20040404)	370351.90	3809294.33	30.28947	(20040404)
370345.04	3809272.41	29.35004	(20040404)	370441.04	3809579.26	45.42283	(23123116)
370360.61	3809624.48	41.09463	(23123116)	370353.47	3809601.64	35.28827	(23123116)
370346.33	3809578.81	30.03659	(23123116)	370339.19	3809555.98	26.82933	(21123018)
370332.04	3809533.15	25.95640	(21123018)	370324.90			

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3809510.32       25.01841  (21123018)
        370317.76   3809487.49       24.05514  (21123018)                370310.62
3809464.66       23.13765  (21123018)
        370303.47   3809441.82       23.74564  (21123018)                370296.33
3809418.99       29.70450  (20040404)
        370289.19   3809396.16       31.30147  (18010717)                370282.05
3809373.33       30.25634  (21110705)
        370274.90   3809350.50       28.13190  (20040404)                370267.76
3809327.67       20.05357  (20121108)
        370260.62   3809304.83       17.47746  (21123018)                370253.48
3809282.00       16.92955  (20121108)
        370246.33   3809259.17       17.49720  (20121108)                370367.76
3809647.31       46.48236  (23123116)
        370384.26   3809665.08       53.05828  (23123116)                370400.76
3809682.85       59.95350  (23123116)
        370287.46   3809692.93       33.95026  (23123116)                370280.45
3809670.52       31.95111  (23123116)
        370273.44   3809648.10       29.68813  (23123116)                370266.42
3809625.69       27.17967  (23123116)
        370259.41   3809603.27       24.55563  (23123116)                370252.40
3809580.85       21.97223  (23123116)
        370245.39   3809558.44       21.55389  (21123018)                370238.37
3809536.02       23.31536  (21123018)
        370231.36   3809513.60       28.43486  (18121017)                370224.35
3809491.19       29.78618  (18121017)
        370217.34   3809468.77       22.74519  (21123018)                370210.32
3809446.35       22.48334  (21123018)
        370203.31   3809423.94       26.91466  (23120801)                370196.30
3809401.52       21.51025  (18021618)
        370189.29   3809379.11       18.30310  (21123018)                370182.27
3809356.69       17.64286  (21123018)
        370175.26   3809334.27       17.14717  (21123018)                370168.25
3809311.86       16.64472  (21123018)
        370161.23   3809289.44       16.14120  (21123018)                370154.22
3809267.02       15.66897  (21123018)
        370147.21   3809244.61       15.22686  (21123018)                370294.48
3809715.35       35.79229  (23123116)
        370310.98   3809733.12       39.03321  (23123116)                370327.48
3809750.89       42.83983  (23123116)
        370741.32   3809400.65       60.23910  (22022008)                370266.37
3809393.82       30.66246  (18010717)
        370166.66   3809372.92       17.64000  (21123018)                370571.99
3809171.50       25.89734  (20041005)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370538.15	3809196.32	25.44770	(18033101)	370436.80	3809022.62	21.84876	(21022423)
370864.14	3809066.86	46.30520	(18012819)	370901.29	3808974.02	39.64237	(20100402)
370938.44	3808881.18	34.15171	(20013118)	370666.40	3809421.43	47.37871	(21020617)
370646.86	3809432.94	46.98013	(21020617)	370627.31	3809444.45	46.46670	(21020617)
370568.68	3809478.97	44.47525	(21020617)	370549.13	3809490.48	43.72025	(21020617)
370490.50	3809525.00	40.81853	(21020617)	370653.72	3809399.89	40.61306	(18012819)
370634.17	3809411.40	39.53567	(18012819)	370614.63	3809422.90	39.08746	(21020617)
370575.54	3809445.92	38.19258	(21020617)	370555.99	3809457.42	37.57235	(21020617)
370536.45	3809468.93	36.97136	(21020617)	370477.81	3809503.45	35.12823	(21020617)
370676.77	3809361.76	39.96722	(18012819)	370641.03	3809378.35	37.63182	(18012819)
370621.49	3809389.85	36.42813	(18012819)	370601.94	3809401.36	35.09285	(20022622)
370543.31	3809435.88	33.42736	(20121108)	370523.76	3809447.39	32.98807	(20121108)
370465.13	3809481.91	30.38718	(21020617)	370628.35	3809356.80	34.74354	(18012819)
370608.81	3809368.31	33.26913	(20022622)	370550.17	3809402.83	31.94158	(20121108)

370530.63 3809414.34 31.35933 (20121108) 370511.08
3809425.84 30.33458 (20121108)
370452.45 3809460.37 27.53806 (20121108) 370618.74
3809252.35 29.57625 (20041005)
370558.07 3809282.14 27.47609 (18030901) 370518.98
3809305.15 33.97042 (21102924)
370499.44 3809316.66 33.09889 (21102924) 370440.80
3809351.18 24.89321 (20121108)
370421.26 3809362.68 24.36518 (20121108) 370401.71
3809374.19 23.82759 (20121108)
370632.76 3809145.87 28.86886 (20041005) 370654.34
3809139.10 30.26582 (20041005)
370546.43 3809172.95 24.98745 (20041005) 370370.52
3809276.51 30.49430 (20041006)
370560.44 3809066.46 24.73759 (20041005) 370625.19
3809046.16 27.53007 (20041005)
370646.78 3809039.39 28.73285 (20041005) 370456.60
3809109.79 25.86793 (21102924)
370437.06 3809121.29 27.13605 (21102924) 370339.33
3809178.83 20.30022 (20121108)
370319.79 3809190.34 19.46074 (20121108) 370574.46
3808959.98 26.05093 (23060306)
370794.94 3808953.51 41.75919 (18033101) 370862.01
3808963.82 42.65577 (18033101)
370347.23 3809058.13 23.45941 (21102924) 370249.51
3809115.67 24.60204 (20032005)
370545.31 3808867.04 27.10245 (21040403) 370566.89
3808860.27 27.26821 (21040403)
370631.64 3808839.96 29.13461 (23060306) 370675.58
3808836.63 29.16566 (20041005)
370899.16 3808870.97 36.47193 (20100402) 370374.68
3808925.93 23.13737 (20012517)
370355.13 3808937.44 23.20816 (21120517) 370471.09
3809541.06 41.93342 (20040404)
370454.86 3809522.04 35.46254 (21020617) 370407.26
3809562.65 34.65543 (23123116)
370391.04 3809543.64 29.47498 (21123018) 370390.67
3809511.08 27.60115 (21123018)
370357.49 3809407.94 22.07448 (21123018) 370325.76
3809435.01 22.88344 (21123018)
370322.63 3809308.23 22.79913 (20121108) 370292.58
3809331.87 26.87554 (20040404)
370244.99 3809372.48 27.28211 (21110705) 370271.89
3809222.05 19.31050 (20121108)
370221.16 3809135.88 24.99783 (20041006) 370115.17
3809220.34 14.59883 (21123018)
370127.89 3809080.01 15.33524 (20121108) 370156.25
3809059.81 16.78126 (20121108)
370097.85 3809103.66 16.77913 (20121108) 370066.12
3809130.73 14.52432 (20121108)

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370389.17   3809588.81   38.51457 (23123116)   370374.05
3809564.46   30.62442 (23123116)
        370359.71   3809543.13   27.82458 (21123018)   370272.16
3809494.82   22.57732 (21123018)
        370287.25   3809476.31   23.68807 (21123018)   370257.84
3809516.34   22.21469 (21123018)
        370185.54   3809445.35   19.05158 (21123018)   370219.51
3809403.71   30.07884 (18010717)
        370170.28   3809468.03   18.44363 (21123018)   370097.73
3809397.36   16.27458 (21123018)
        370114.20   3809377.17   16.55937 (21123018)   370130.67
3809356.98   16.72301 (21123018)
        370147.14   3809336.79   16.76120 (21123018)   370082.72
3809419.72   15.84939 (21123018)
        370010.65   3809348.46   14.47529 (21123018)   370028.07
3809327.11   14.78091 (21123018)
        370045.49   3809305.76   14.99998 (21123018)   370062.91
3809284.40   17.15203 (21123018)
        370080.33   3809263.05   18.02068 (20040404)   370097.75

3809241.69 15.17917 (21123018)
  369995.17 3809371.41 14.11411 (21123018) 369922.87
3809300.42 13.60664 (21123018)
  369939.86 3809279.60 20.47042 (18010717) 369956.84
3809258.78 22.69921 (18010717)
  369973.83 3809237.96 22.42021 (18010717) 369990.81
3809217.14 23.05976 (18010317)
  370007.80 3809196.32 22.92087 (21110406) 370024.78
3809175.50 20.66643 (21110705)
  370041.77 3809154.68 14.94799 (20040404) 369907.61
3809323.10 12.58695 (21123018)
  370401.18 3809644.27 56.70589 (23123116) 370376.18
3809701.38 52.57187 (23123116)
  370351.18 3809663.31 43.73433 (23123116) 370351.18
3809701.38 45.85610 (23123116)
  370330.33 3809609.13 33.00275 (23123116) 370326.18
3809644.27 36.86794 (23123116)
  370326.18 3809682.34 39.65522 (23123116) 370230.33
3809609.13 22.80022 (23123116)
  370226.18 3809644.27 24.86410 (23123116) 370226.18
3809682.34 26.75639 (23123116)
  370130.85 3809607.11 17.20840 (23123116) 370140.18
3809570.88 16.58381 (22012218)
  370149.51 3809534.65 17.11364 (21123018) 370158.84
3809498.42 17.94971 (21123018)
  370126.18 3809644.27 18.62755 (23123116) 370126.18
3809682.34 19.92564 (23123116)
  370030.70 3809607.66 13.72853 (23123116) 370039.75
3809572.53 13.45183 (22012218)
  370048.80 3809537.39 14.13971 (22012218) 370057.85
3809502.26 14.50767 (22012218)
  370066.90 3809467.13 14.97306 (21123018) 370026.18
3809644.27 14.72366 (23123116)
  370026.18 3809682.34 15.63915 (23123116) 369930.62
3809607.98 11.29902 (23123116)
  369939.51 3809573.47 10.77849 (22012218) 369948.40
3809538.96 11.52193 (22012218)
  369957.29 3809504.46 12.10872 (22012218) 369966.18
3809469.95 12.51699 (22012218)
  369975.06 3809435.44 12.85933 (22012218) 369983.95
3809400.94 13.57852 (21123018)
  369926.18 3809644.27 12.01810 (23123116) 369926.18
3809682.34 12.68417 (23123116)
  369830.85 3809607.11 9.46219 (23123116) 369840.18
3809570.88 9.00862 (22012218)
  369849.51 3809534.65 9.77744 (22012218) 369858.84
3809498.42 10.45306 (22012218)
  369868.18 3809462.19 10.96329 (22012218) 369877.51
3809425.95 11.32172 (22012218)
  369886.84 3809389.72 11.54372 (22012218) 369896.17

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370326.12   3809404.20   24.36070 (20121108)   370409.52
3809403.37   24.73447 (20121108)
        370434.36   3809408.55   26.20377 (20121108)   370459.20
3809413.74   27.77968 (20121108)
        370084.65   3809450.52   15.79653 (21123018)   370106.87
3809436.12   16.61913 (21123018)
        370129.09   3809421.72   17.32657 (21123018)   370151.31
3809407.32   17.82080 (21123018)
        370217.96   3809364.11   19.59375 (21123018)   370240.18
3809349.71   19.57581 (20121108)

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        370380.90   3809302.92       24.74438  (20121108)                370406.82
3809308.33       22.90842  (20121108)
        370523.46   3809332.69       28.36233  (20121108)                370588.26
3809346.22       29.72591  (20121108)
        370013.33   3809386.55       14.31995  (21123018)                370035.36
3809372.27       14.84810  (21123018)
        370057.38   3809358.00       15.31606  (21123018)                370079.41
3809343.72       15.66337  (21123018)
        370101.44   3809329.44       15.94823  (21123018)                370123.47
3809315.16       16.09418  (21123018)
        370222.59   3809250.91       17.93423  (20121108)                370374.94
3809207.21       29.04941  (20041006)
        370426.33   3809217.94       29.37281  (21102924)                370529.12
3809239.41       26.16646  (18033101)
        370567.66   3809247.45       27.75660  (18033101)                369930.96
3809329.74       13.69407  (21123018)
        369952.87   3809315.54       21.64093  (18121017)                369974.77
3809301.35       16.73126  (21123018)
        369996.67   3809287.15       16.17402  (21123018)                370018.57
3809272.95       22.30170  (18010717)
        370040.47   3809258.76       23.86104  (18010717)                370062.37
3809244.56       23.33143  (18021520)
        370305.12   3809098.16       22.86945  (21102924)                370330.67
3809103.50       20.19119  (21102924)
        370356.22   3809108.83       20.26468  (20121108)                370471.19
3809132.84       26.70837  (21102924)
        370522.29   3809143.51       23.84223  (20041005)                370547.84
3809148.85       24.65998  (20041005)
        370650.03   3809170.19       30.30911  (20041005)                370675.58
3809175.52       32.55644  (20041005)
        370319.16   3809706.25       39.42048  (23123116)                370303.85
3809664.90       34.86916  (23123116)
        370199.63   3809671.75       24.15582  (23123116)                370194.38
3809698.88       24.73037  (23123116)
        370099.80   3809665.85       18.15110  (23123116)                370094.55
3809692.98       18.62846  (23123116)
        370000.27   3809659.10       14.29213  (23123116)                369994.73
3809687.08       14.68151  (23123116)
        369900.38   3809653.38       11.61376  (23123116)                369909.64
3809626.54       11.28737  (23123116)
        369894.90   3809681.18       11.92461  (23123116)                369800.51
3809647.59       12.95693  (23121421)
        369809.69   3809620.99        9.33253  (23123116)                369795.08
3809675.28        9.73108  (23123116)
        370370.90   3809736.56       52.75749  (23123116)                370372.69
3809760.56       54.90955  (23123116)
        370374.49   3809784.57       57.71585  (23123116)                370376.29
3809808.58       59.37946  (23123116)
        370378.09   3809832.59       54.66610  (23123116)                370379.88
3809856.60       47.62778  (23123116)
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        370381.68   3809880.61       42.73034  (23123116)                370383.48
3809904.62       38.60748  (23123116)
        370347.76   3809762.43       48.03151  (23123116)                370349.56
3809786.44       49.86781  (23123116)
        370351.36   3809810.45       50.00899  (23123116)                370353.16
3809834.46       46.74321  (23123116)
        370354.95   3809858.47       41.90606  (23123116)                370356.75
3809882.47       37.75802  (23123116)
        370358.55   3809906.48       34.14310  (23123116)                370324.63
3809788.31       43.40242  (23123116)
        370326.43   3809812.31       43.12092  (23123116)                370328.23
3809836.32       40.72954  (23123116)
        370330.02   3809860.33       37.22380  (23123116)                370331.82
3809884.34       33.77355  (23123116)
        370333.62   3809908.35       30.64684  (23123116)                370297.90
3809766.16       37.89078  (23123116)
        370299.70   3809790.17       37.25530  (23123116)                370301.50
3809814.18       36.07062  (23123116)
        370303.30   3809838.19       35.13490  (23123116)                370305.09
3809862.20       33.25393  (23123116)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        370306.89   3809886.21       30.40542  (23123116)                370308.69
```

3809910.22 27.77541 (23123116)
370194.59 3809725.61 25.41419 (23123116) 370196.39
3809749.62 25.90110 (23123116)
370198.18 3809773.63 26.04139 (23123116) 370199.98
3809797.64 25.36733 (23123116)
370201.78 3809821.65 31.51615 (23121407) 370203.58
3809845.66 32.81449 (23120522)
370205.37 3809869.66 29.84936 (23120522) 370207.17
3809893.67 21.41804 (21091521)
370208.97 3809917.68 21.77949 (21091521) 370094.87
3809733.08 19.29459 (23123116)
370096.66 3809757.09 19.51241 (23123116) 370098.46
3809781.10 19.51568 (23123116)
370100.26 3809805.10 19.29477 (23123116) 370102.06
3809829.11 18.86363 (23123116)
370103.85 3809853.12 18.05237 (23123116) 370105.65
3809877.13 17.03126 (23123116)
370107.45 3809901.14 16.19500 (23123116) 370109.25
3809925.15 17.09650 (21091521)
369995.01 3809722.72 15.15844 (23123116) 369996.94
3809764.55 15.37923 (23123116)
369998.74 3809788.56 15.32823 (23123116) 370000.54
3809812.57 15.13716 (23123116)
370002.34 3809836.58 14.82303 (23123116) 370004.13
3809860.59 14.41979 (23123116)
370005.93 3809884.60 13.96965 (23123116) 370007.73
3809908.61 13.54265 (23123116)
370009.53 3809932.61 13.44231 (20102003) 369895.25
3809725.73 12.36688 (23123116)
369897.22 3809772.02 12.47945 (23123116) 369899.02
3809796.03 12.44108 (23123116)
369900.82 3809820.04 12.30256 (23123116) 369902.62
3809844.04 12.08925 (23123116)
369904.41 3809868.05 11.83242 (23123116) 369906.21
3809892.06 11.56606 (23123116)
369908.01 3809916.07 11.33623 (23123116) 369909.81
3809940.08 11.19939 (23123116)
369795.55 3809735.43 10.24967 (23123116) 369797.50
3809779.48 10.17693 (23123116)
369799.30 3809803.49 10.13028 (23123116) 369801.10
3809827.50 10.44566 (18120420)
369802.89 3809851.51 12.80341 (21021922) 369804.69
3809875.52 13.22434 (23012406)
369806.49 3809899.53 10.65767 (21040403) 369808.29
3809923.54 9.54506 (23123116)
369810.08 3809947.55 11.04153 (20041006) 370404.61
3809927.46 37.48839 (23123116)
370386.26 3809944.44 31.38712 (23042824) 370422.82
3809955.55 35.24066 (22022008)
370382.47 3809969.15 31.37482 (22022008) 370346.78

3809938.57   28.95877 (23042824)
        370419.02   3809980.26   35.61135 (22022008)   370373.82
3809991.28   32.44936 (22022008)
        370326.23   3809950.51   27.69279 (23042824)   370415.22
3810004.97   38.25421 (22022008)
        370252.83   3810018.42   27.11014 (22022008)   370235.28
3809978.13   24.07665 (23042824)
        370400.04   3810103.81   42.29282 (22022008)   370343.45
3810188.96   27.30773 (21020823)
        370304.63   3810168.34   29.76860 (21040923)   370265.82
3810147.72   35.46258 (21040224)
        370161.88   3810046.04   25.42139 (22022008)   370144.34
3810005.74   20.66728 (21091521)
        370126.79   3809965.44   18.98130 (21091521)   370384.85
3810202.65   28.70787 (21020823)
        370328.26   3810287.80   24.67998 (21020823)   370289.45
3810267.18   23.19910 (21020823)
        370250.64   3810246.56   22.18421 (21040923)   370211.82
3810225.94   22.54537 (21091522)
        370173.01   3810205.32   24.25943 (22051802)   370062.16
3810053.50   20.87213 (22022008)
        370044.62   3810013.21   16.97753 (22022008)   370027.07
3809972.91   15.15344 (20102003)
        370369.67   3810301.49   26.07803 (21020823)   370313.08
3810386.64   22.58970 (21020823)
        370274.26   3810366.02   21.34029 (21020823)   370235.45
3810345.40   20.02794 (21020823)
        370196.64   3810324.78   19.20599 (21040923)   370157.83
3810304.16   19.14484 (21040923)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370119.01	3810283.54	19.59527	(21091522)	370080.20	3810262.92	20.29381	(22051902)
370032.62	3810222.15	22.88449	(22051902)	370015.07	3810181.86	29.49474	(23042824)
369971.21	3810081.12	29.59995	(22022008)	369953.67	3810040.82	19.38222	(22022008)
369936.12	3810000.52	14.56254	(22022008)	370354.48	3810400.33	23.38402	(21020823)
370297.89	3810485.48	21.49389	(21020823)	370259.08	3810464.86	21.11768	(21020823)
370220.27	3810444.24	19.71015	(21020823)	370181.45	3810423.62	18.11651	(21020823)
370142.64	3810403.00	16.96764	(21040923)	370103.83	3810382.38	16.79529	(21040923)
370065.02	3810361.76	16.91197	(21091522)	370026.20	3810341.14	17.20982	(21091522)
369987.39	3810320.52	17.80864	(22051902)	369959.21	3810290.06	18.56835	(22051902)
369941.67	3810249.77	19.88081	(23042824)	369924.12	3810209.47	21.45097	(21091521)
369906.58	3810169.18	22.99229	(21091521)	369845.17	3810028.14	21.92456	(21020617)
369827.63	3809987.84	11.93770	(21102924)	370339.30	3810499.17	21.14209	(21020823)
370405.81	3809901.66	44.13078	(23123116)	370233.63	3809870.41	26.55837	(23012406)
370135.23	3809852.55	19.31463	(23123116)	370036.84	3809834.69	16.02024	(23123116)
369938.45	3809816.83	13.26461	(23123116)	369840.06	3809798.97	11.02336	(23123116)
370358.30	3809959.89	29.62983	(23042824)	370232.02	3809954.66	23.11286	(21091521)
370231.13	3809921.84	22.65359	(21091521)	370133.76	3809941.48	18.69775	(21091521)
370132.81	3809906.33	17.34727	(21091521)	370035.93	3809944.46	14.62291	(20102003)
370034.94	3809908.00	14.26169	(23123116)	370033.96	3809871.54	15.08615	(23123116)
369938.77	3809972.17	12.86027	(22022008)	369937.85	3809937.99	11.71189	(23123116)
369936.92	3809903.81	12.03303	(23123116)	369935.99	3809869.63	12.49765	(23123116)

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        369840.48   3809958.22       11.84057  (21040403)                369839.53
3809923.06       10.01645  (23123116)
        369838.58   3809887.90       10.33700  (23123116)                369837.63
3809852.74       10.66228  (23123116)
        370451.81   3809966.65       39.07132  (22022008)                370452.90
3809991.62       40.34643  (22022008)
        370434.53   3810017.45       43.53759  (22022008)                370403.31
3810032.38       46.95608  (22022008)
        370343.23   3809979.84       29.27587  (23042824)                370421.52
3810136.59       35.08745  (21122216)
        370384.60   3810125.10       33.58502  (21122216)                370347.67
3810113.62       38.12077  (22022008)
        370459.45   3810141.48       37.95962  (21122216)                370426.73
3810236.75       29.89458  (21020823)
        370391.48   3810225.79       28.73631  (21020823)                370356.23
3810214.83       27.20258  (21020823)
        370320.98   3810203.86       26.12378  (21020823)                370285.74
3810192.90       28.08167  (21020823)
        370240.39   3810166.49       31.59043  (22051802)                370463.81
3810241.38       30.56683  (21020823)
        370430.25   3810336.40       25.97549  (21020823)                370393.33
3810324.91       25.95582  (21020823)
        370301.01   3810296.20       23.24987  (21020823)                370264.08
3810284.71       21.76264  (21020823)
        370227.16   3810273.23       21.05965  (21040923)                370179.65
3810245.56       21.36964  (21091522)
        370147.92   3810197.00       25.44985  (22051802)                370468.18
3810341.29       25.77361  (21020823)
        370435.13   3810436.46       23.16747  (21020823)                370399.23
3810425.29       23.42929  (21020823)
        370255.62   3810380.63       20.56989  (21020823)                370219.72
3810369.47       19.25632  (21020823)
        370183.82   3810358.30       18.14390  (21040923)                370147.92
3810347.13       18.05170  (21040923)
        370119.69   3810325.81       18.20449  (21091522)                370099.12
3810294.34       19.06512  (21091522)
        370057.98   3810231.40       22.19811  (22051902)                370037.41
3810199.93       26.28310  (23042824)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370472.54   3810441.19       22.49700  (21020823)               370438.98
3810536.21       19.80846  (21020823)
        370402.05   3810524.72       20.41737  (21020823)               370365.13
3810513.24       20.79276  (21020823)
        370272.81   3810484.52       21.11810  (21020823)               370235.88
3810473.04       20.44943  (21020823)
        370198.96   3810461.55       19.13866  (21020823)               370162.03
3810450.07       17.59510  (21020823)
        370125.10   3810438.58       16.35229  (21040923)               370088.18
3810427.10       16.23726  (21040923)
        370059.14   3810405.17       16.11601  (21040923)               370037.98
3810372.80       16.45113  (21091522)
        369985.09   3810291.87       18.73662  (22051902)               369963.93
3810259.50       19.76502  (22051902)
        369942.77   3810227.13       21.25357  (23042824)               369889.88
3810146.20       30.71547  (23123116)
        370476.90   3810541.10       19.04448  (21020823)               370474.63
3809964.91       43.24598  (21122216)
        370476.55   3809989.83       43.20355  (22022008)               370478.46
3810014.76       47.74260  (22022008)
        370488.04   3810139.39       41.72497  (21122216)               370495.70
3810239.10       30.76296  (21020823)
        370503.36   3810338.80       25.39016  (21020823)               370511.02
3810438.51       21.45434  (21020823)
        370518.68   3810538.22       18.14655  (21020823)               370509.42
3809980.35       49.94380  (21122216)
        370549.44   3809984.71       61.19942  (22022008)               370573.98
3809984.15       71.85437  (22022008)
        370508.28   3810153.66       42.33977  (21122216)               370553.46
3810159.66       45.43222  (21122216)
        370577.99   3810159.10       46.26303  (21122216)               370602.53
3810158.54       45.67823  (21122216)
        370531.22   3810260.20       29.77606  (21122216)               370555.75
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3810259.64       30.26838  (21122216)
        370580.29   3810259.07       30.09439  (21122216)                370604.83
3810258.51       29.26672  (21122216)
        370533.51   3810360.17       23.63639  (21020823)                370558.05
3810359.61       22.86386  (21020823)
        370582.58   3810359.05       22.27329  (21020823)                370607.12
3810358.48       21.60151  (21020823)
        370381.01   3810410.92       23.40416  (21020823)                370535.81
3810460.15       20.38994  (21020823)
        370560.34   3810459.58       19.77077  (21020823)                370584.88
3810459.02       19.16858  (21020823)
        370609.42   3810458.46       18.55631  (21020823)                370538.10
3810560.12       17.07758  (21020823)
        370562.64   3810559.56       16.47527  (21020823)                370587.18
3810559.00       15.89499  (21020823)
        370611.71   3810558.43       15.46663  (18051806)                370636.30
3810158.59       41.76056  (21122216)
        370636.30   3810258.59       27.63592  (21122216)                370636.30
3810358.59       20.82178  (21020823)
        370636.30   3810458.59       17.87253  (21020823)                370636.30
3810558.59       15.33733  (18051806)
        370628.50   3809965.20       72.65275  (22022008)                370604.05
3809959.96       70.09127  (22022008)
        370264.36   3809874.76       26.77444  (23012406)                370166.58
3809853.80       28.62999  (23120522)
        370068.81   3809832.84       17.29057  (23123116)                370574.99
3809959.21       65.65217  (22022008)
        370534.87   3809384.19       30.61096  (20121108)                370447.55
3809499.67       31.02152  (21020617)
        370501.33   3809947.91       58.97368  (21122216)                370438.06
3809603.68       53.31354  (23123116)
        370401.99   3809827.97       66.19559  (23123116)                370298.85
3809939.14       26.46669  (23042824)
        370243.90   3809844.43       35.18518  (23120522)                370260.00
3809822.67       37.16129  (23120522)
        370276.09   3809800.90       34.31536  (21021922)                370135.93
3809827.51       20.50774  (23123116)
        370152.79   3809804.71       22.22843  (23123116)                370169.65
3809781.91       23.77434  (23123116)
        370220.24   3809713.50       27.27888  (23123116)                370249.97
3809684.76       29.14102  (23123116)
        370035.10   3809800.93       16.51279  (23123116)                370052.46
3809777.46       17.42486  (23123116)
        370069.82   3809753.99       18.23135  (23123116)                370156.61
3809636.62       19.84658  (23123116)
        370187.22   3809607.03       19.94140  (23123116)                369942.21
3809763.62       13.69229  (23123116)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369959.07	3809740.82	14.14740	(23123116)	370043.38	3809626.81	14.75144	(23123116)
370060.24	3809604.01	14.49569	(23123116)	370077.11	3809581.21	14.30334	(22012218)
370093.97	3809558.40	15.15001	(22012218)	370123.70	3809529.66	16.05444	(22012218)
369928.28	3809788.56	13.22810	(23123116)	370369.81	3810015.22	36.23361	(22022008)
370345.98	3810017.62	34.62144	(22022008)	370322.15	3810020.02	33.04259	(22022008)
370319.65	3809995.14	28.78832	(22022008)	370359.94	3809438.31	23.37702	(21123018)
370298.00	3810008.00	28.90665	(22022008)	370395.85	3809750.99	62.11559	(23123116)
370467.00	3809564.08	49.53676	(18010717)	370292.88	3809981.50	26.73320	(23042824)
370272.34	3809954.88	25.04114	(23042824)	370274.23	3809929.95	25.16160	(21091521)
370281.77	3809830.23	38.14529	(23120522)	370266.89	3809728.82	32.55704	(23123116)
370296.84	3809630.80	31.08290	(23123116)	370229.12	3810008.08	24.33535	(22022008)
370213.97	3809988.20	23.24873	(21091521)	370198.81	3809968.31	22.16964	(21091521)

370200.70 3809943.39 21.74456 (21091521) 370165.89
3809961.97 21.89776 (21091521)
370123.78 3809771.19 20.94356 (23123116) 370164.67
3809759.09 23.55254 (23123116)
370226.00 3809740.93 28.41947 (23123116) 370043.78
3809697.39 16.56943 (23123116)
370148.62 3809666.35 20.63313 (23123116) 369962.53
3809623.96 12.41226 (23123116)
370005.12 3809611.35 13.14088 (23123116) 370111.60
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370175.49 3809560.92 18.29229 (21123018) 370218.08
3809548.31 27.23676 (18121017)
369901.07 3809544.67 10.49554 (22012218) 369982.85
3809520.46 12.54090 (22012218)
370023.73 3809508.36 13.57564 (22012218) 370085.07
3809490.20 15.27860 (21123018)
370125.95 3809478.10 16.81056 (21123018) 369862.86
3809564.26 9.49696 (22012218)
370199.04 3810010.39 25.79006 (21040224) 370180.04
3809987.73 21.69591 (21091521)
370173.34 3809938.18 22.93966 (20102003) 370283.74
3809745.91 35.24457 (23123116)
370146.56 3809739.98 22.23903 (23123116) 370179.61
3809638.10 21.23854 (23123116)
370152.83 3809439.90 18.05776 (21123018) 370334.32
3809457.31 23.52420 (21123018)
370379.69 3809461.66 24.89588 (21123018) 370435.76
3809480.59 27.52049 (20121108)
370170.12 3810018.60 24.58100 (21040224) 370121.67
3809994.77 19.54363 (21091521)
370105.06 3809976.08 18.22422 (21091521) 370071.53
3809879.69 16.02871 (23123116)
369972.17 3809826.61 14.07103 (23123116) 369938.64
3809730.22 13.51066 (23123116)
369974.01 3809713.97 14.40629 (23123116) 370062.44
3809673.37 16.78497 (23123116)
369872.20 3809655.48 11.05853 (23123116) 369978.31
3809606.75 12.33163 (23123116)
369805.76 3809580.75 8.56685 (22012218) 369929.55
3809523.90 11.33516 (22012218)
370000.29 3809491.41 13.12395 (22012218) 370035.66
3809475.17 13.91962 (22012218)
369772.85 3809602.41 17.15267 (23121421) 370271.87
3809767.40 34.00565 (23123116)
370314.34 3809567.93 25.49613 (21123018) 370091.74
3810006.93 18.69502 (21091521)
370100.58 3809953.84 17.32045 (21091521) 370075.81
3809933.64 15.82909 (21091521)
370052.79 3809733.98 17.39958 (23123116) 370068.97
3809639.87 16.06179 (23123116)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370065.94	3809965.21	16.36951	(21091521)	370020.77	3810016.63	16.81295	(22022008)
370007.20	3809987.47	15.07874	(20102003)	369989.43	3810023.85	17.10852	(22022008)
369962.35	3809887.92	12.81962	(23123116)	369899.57	3809979.96	12.36832	(22022008)
369863.66	3809854.96	11.15909	(23123116)	369963.93	3809770.85	14.30867	(23123116)
370015.98	3809746.37	16.03592	(23123116)	369750.14	3809840.34	14.28880	(23012406)
369775.14	3809809.42	16.43142	(21021922)	369825.15	3809747.57	10.88230	(23123116)
369868.15	3809708.19	11.61743	(23123116)	369958.11	3809665.88	13.23398	(23123116)
369728.75	3809873.99	8.81836	(23123116)	369659.50			

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3809797.42        8.32445  (23123116)
        369682.94   3809768.43        8.65836  (23123116)                369706.38
3809739.44        8.83313  (23123116)
        369729.83   3809710.45       21.44388  (22012220)                369753.27
3809681.46       21.54700  (23121022)
        369776.71   3809652.47       22.22198  (23121119)                369855.90
3809606.24        9.85880  (23123116)
        369889.64   3809590.37       10.09703  (23123116)                369973.98
3809550.70       11.93489  (22012218)
        369638.90   3809830.10        7.99457  (23123116)                369569.98
3809753.11        7.36023  (23123116)
        369594.09   3809723.30        7.53045  (23123116)                369618.20
3809693.48        7.62100  (23123116)
        369642.32   3809663.66        7.59720  (23123116)                369666.43
3809633.84        7.58998  (23123116)
        369690.54   3809604.02        7.47375  (22012218)                369714.65
3809574.21       20.28449  (23022506)
        369744.05   3809551.14       21.74357  (23022506)                369778.75
3809534.82       10.31802  (22012218)
        369813.45   3809518.49       10.21719  (22012218)                369882.85
3809485.85       10.96751  (22012218)
        369917.55   3809469.53       11.70139  (22012218)                369549.04
3809786.21        7.16483  (23123116)
        370070.79   3810030.88       18.92851  (22022008)                370176.42
3809804.29       23.68865  (23123116)
        370010.76   3810053.84       20.58024  (22022008)                369982.90
3809984.21       14.38118  (20102003)
        369976.57   3809793.17       14.57629  (23123116)                370078.65
3809796.01       18.40026  (23123116)
        370129.69   3809797.42       21.01131  (23123116)                369941.31
3809700.38       13.31622  (23123116)
        370011.88   3809702.34       15.48642  (23123116)                370117.75
3809705.28       20.04404  (23123116)
        370153.04   3809706.26       22.08485  (23123116)                370085.81
3809612.58       15.68497  (23123116)
        369884.65   3809515.18       10.65922  (22012218)                370078.74
3809520.57       14.93781  (22012218)
        370184.60   3809523.52       31.26751  (18011022)                369995.05
3810077.05       25.70457  (22022008)
        369949.35   3810063.04       24.87349  (22022008)                369924.35
3810063.04       28.88309  (21020617)
        369960.07   3810002.60       15.03347  (22022008)                369824.96
3810061.03       24.84612  (23123116)
        369849.52   3809980.95       11.86281  (21020617)                369867.48
3809954.42       10.46310  (22022008)
        369820.05   3810095.66       41.77327  (23123116)                369725.21
3810060.23       15.36886  (23123116)
        369735.52   3810026.60       11.85873  (23123116)                369745.84
3809992.96        9.36240  (23123116)
        369756.15   3809959.33       10.73945  (21110705)                369766.46
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3809925.69   11.06654 (20041006)
        369867.51   3809831.63   11.46009 (23123116)   369720.05
3810095.66   17.06039 (23123116)
        369625.34   3810059.80   10.48470 (23123116)   369635.92
3810025.30   9.64860 (23123116)
        369646.50   3809990.81   8.63641 (23123116)   369657.08
3809956.31   8.04103 (23123116)
        369667.65   3809921.81   7.96327 (23123116)   369678.23
3809887.31   8.17424 (23123116)
        369702.86   3809841.50   8.68436 (23123116)   369730.96
3809818.86   9.10973 (23123116)
        369773.11   3809784.90   17.25015 (21021922)   369843.36
3809728.31   11.21059 (23123116)
        369620.05   3810095.66   10.68111 (23123116)   369525.42
3810059.53   7.97805 (23123116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369536.17   3810024.50   7.85858 (23123116)   369546.91
3809989.46   7.53949 (23123116)
        369557.65   3809954.42   7.25567 (23123116)   369568.40
3809919.39   7.15312 (23123116)
        369579.14   3809884.35   7.23571 (23123116)   369589.89
3809849.31   7.42331 (23123116)

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        369600.63   3809814.28        7.63086  (23123116)                369620.27
3809785.26        7.89464  (23123116)
        369648.81   3809762.27        8.22161  (23123116)                369677.35
3809739.28        8.54550  (23123116)
        369705.89   3809716.29        8.67582  (23123116)                369520.05
3810095.66        7.81005  (23123116)
        369425.48   3810059.35        6.45551  (23123116)                369436.34
3810023.94        6.57167  (23123116)
        369447.19   3809988.54        6.54640  (23123116)                369458.05
3809953.13        6.47607  (23123116)
        369468.91   3809917.73        6.46766  (18120420)                369479.76
3809882.32        6.52813  (18120420)
        369490.62   3809846.91        6.59556  (23123116)                369501.48
3809811.51        6.72596  (23123116)
        369512.34   3809776.10        6.83815  (23123116)                369537.61
3809729.08        7.00282  (23123116)
        369566.45   3809705.85        7.18998  (23123116)                369595.29
3809682.62        7.34561  (18120420)
        369420.05   3810095.66        6.19149  (23123116)                369901.74
3810040.28       23.25988  (21020617)
        369880.48   3810031.82       22.99145  (21020617)                369932.24
3810025.51       17.08253  (22022008)
        369910.99   3810017.05       15.71785  (22022008)                369889.73
3810008.59       15.62661  (21020617)
        369868.47   3810000.13       15.22243  (21020617)                370114.35
3809506.03       15.86325  (21123018)
        369860.70   3809758.27       11.59082  (23123116)                369776.13
3809755.26       14.17426  (23121024)
        369843.71   3809660.20       10.54152  (23123116)                369773.90
3809557.07        9.54587  (22012218)
        369913.08   3809570.38       10.28887  (22012218)                369965.27
3809575.37       11.32955  (22012218)
        370000.06   3809578.70       12.22328  (22012218)                369755.38
3809458.85       11.57813  (22012218)
        369790.55   3809462.21       11.01160  (22012218)                369825.71
3809465.58       10.31253  (22012218)
        369720.04   3809460.55       16.78807  (23022507)                369809.69
3810039.14       14.35210  (18101717)
        369799.53   3810060.29       22.57133  (23123116)                369787.15
3810028.32       12.43459  (23123116)
        369776.99   3810049.47       17.06158  (23123116)                369775.56
3810004.00        9.98620  (23123116)
        369802.35   3809983.40        9.51876  (23123116)                369754.46
3810038.64       13.90285  (23123116)
        369695.72   3809909.41        8.26951  (23123116)                369752.57
3809872.46        9.37316  (20041006)
        369773.70   3809862.98       19.03950  (23121407)                369605.58
3809866.11        7.51812  (23123116)
        369620.17   3809848.12        7.72637  (23123116)                369691.61
3809793.19        8.73355  (23123116)
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        369712.74   3809783.70        9.02015  (23123116)               369733.87
3809774.22        9.20405  (23123116)
        369755.00   3809764.74       20.03749  (21021922)               369530.03
3809804.82        6.97437  (23123116)
        369630.65   3809713.91        7.89596  (23123116)               369651.78
3809704.43        8.06418  (23123116)
        369672.91   3809694.95        8.19683  (23123116)               369694.04
3809685.47       12.47654  (23121421)
        369715.18   3809675.99       20.30917  (23121022)               369736.31
3809666.50       22.39501  (23121119)
        369396.12   3809815.48        6.10369  (18120420)               369410.71
3809797.49        6.15649  (18120420)
        369425.30   3809779.51        6.20404  (18120420)               369439.89
3809761.52        6.25444  (23123116)
        369454.48   3809743.53        6.33853  (23123116)               369469.07
3809725.55        6.41121  (23123116)
        369483.66   3809707.56        6.46958  (23123116)               369498.25
3809689.58        6.51111  (23123116)
        369512.84   3809671.59        6.53423  (23123116)               369548.57
3809644.12        6.64312  (18120420)
        369569.70   3809634.64        6.74182  (23123116)               369590.83
3809625.16        6.84099  (23123116)
        369611.96   3809615.68        6.93271  (23123116)               369633.09
3809606.19        7.01574  (23123116)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)	CONC	(YYMMDDHH)		
369654.22	3809596.71	7.10056	(23123116)	369675.35
3809587.23	7.17435	(23123116)		
369381.52	3809833.47	6.04816	(18120420)	369371.36
3809854.62	6.00629	(18120420)		
369305.98	3809772.18	5.65162	(18120420)	369320.57
3809754.19	5.68154	(18120420)		
369335.16	3809736.21	5.70293	(18120420)	369349.75
3809718.22	5.71908	(18120420)		
369364.34	3809700.23	5.72478	(18120420)	369378.93
3809682.25	5.72141	(18120420)		
369393.52	3809664.26	5.71533	(18120420)	369408.11
3809646.28	5.72190	(18120420)		
369422.71	3809628.29	5.72404	(18120420)	369437.30
3809610.30	5.71449	(18120420)		
369451.89	3809592.32	5.70753	(18120420)	369487.61
3809564.85	5.71635	(18120420)		
369508.74	3809555.37	5.77901	(18120420)	369529.87
3809545.89	5.96857	(18123117)		
369551.00	3809536.40	6.25321	(18123117)	369572.13
3809526.92	6.62037	(18123117)		
369593.26	3809517.44	7.37735	(22012218)	369614.39
3809507.96	8.25653	(22012218)		
369635.52	3809498.48	14.06353	(20122707)	369656.65
3809488.99	19.95845	(20122707)		
369677.78	3809479.51	21.48439	(18122108)	369698.91
3809470.03	21.56949	(18122108)		
369291.39	3809790.17	5.61573	(18120420)	369281.23
3809811.32	5.59161	(18120420)		
369775.25	3810088.68	25.44101	(23123116)	369752.71
3810077.86	20.20067	(23123116)		
369759.46	3810117.78	20.90333	(23123116)	369736.05
3810126.56	17.15727	(23123116)		
369635.68	3810121.77	10.88730	(23123116)	369642.43
3810161.68	9.80556	(23081103)		
369542.13	3810155.11	7.90373	(23122102)	369544.03
3810112.33	8.15108	(23123116)		
369545.93	3810069.55	8.43811	(23123116)	369548.80
3810196.81	8.51594	(23081103)		
369448.48	3810190.72	7.16697	(23122102)	369450.34
3810148.89	6.78853	(23122102)		
369452.20	3810107.06	6.51781	(23123116)	369454.06
3810065.23	6.81713	(23123116)		
369455.17	3810231.94	7.55667	(23081103)	369354.84
3810226.12	6.70396	(23122102)		
369356.68	3810184.84	6.26849	(23122102)	369358.51
3810143.56	5.91028	(23122102)		
369360.35	3810102.28	5.62528	(18041919)	369362.19

3810061.01   5.75702 (23123116)
        369364.02   3810019.73   5.86526 (23123116)   369365.86
3809978.45   5.86372 (18120420)
        369367.69   3809937.17   5.94976 (18120420)   369369.53
3809895.89   5.98742 (18120420)
        369361.54   3810267.07   7.16195 (23081103)   369261.25
3810260.50   6.20151 (23122102)
        369263.15   3810217.72   6.01586 (23122102)   369265.05
3810174.94   5.77865 (23122102)
        369266.96   3810132.16   5.43182 (18041919)   369268.86
3810089.38   5.29139 (18041919)
        369270.76   3810046.60   5.19721 (18120420)   369272.66
3810003.82   5.30718 (18120420)
        369274.57   3809961.04   5.44621 (18120420)   369276.47
3809918.26   5.52679 (18120420)
        369278.37   3809875.48   5.60178 (18120420)   369267.92
3810302.19   6.45484 (23122102)
        369835.81   3810124.85   30.98392 (23123116)   369855.27
3810137.12   28.87787 (23123116)
        369792.94   3810121.36   25.50891 (23123116)   369822.47
3810145.99   21.23585 (23123116)
        369841.93   3810158.26   19.31966 (23123116)   369779.61
3810142.51   18.60122 (23123116)
        369809.14   3810167.14   17.31028 (23081103)   369828.60
3810179.41   17.95637 (21091521)
        369762.91   3810159.53   14.75930 (23081103)   369795.80
3810188.29   16.64055 (23081103)
        369815.26   3810200.56   17.22895 (23081103)   369709.58
3810244.12   13.87684 (23081103)
        369682.72   3810211.15   12.43069 (23081103)   369742.47
3810272.88   14.77681 (23081103)
        369761.93   3810285.15   15.05603 (23081103)   369656.24
3810328.71   13.01822 (23081103)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369629.38	3810295.74	12.37640	(23081103)	369602.52	3810262.76	11.27890	(23081103)
369575.66	3810229.79	9.89838	(23081103)	369689.13	3810357.47	13.37536	(23081103)
369708.59	3810369.74	13.56001	(23042824)	369602.91	3810413.30	12.19212	(20032003)
369576.05	3810380.32	11.85136	(20032003)	369549.19	3810347.35	11.24223	(23081103)
369522.32	3810314.38	10.39234	(23081103)	369495.46	3810281.40	9.30508	(23081103)
369635.80	3810442.06	12.46259	(22051902)	369655.26	3810454.33	12.86861	(22051902)
369548.61	3810496.71	14.45623	(23042824)	369534.22	3810479.05	12.91891	(23042824)
369519.83	3810461.38	12.36368	(23042824)	369505.44	3810443.72	11.73413	(21091521)
369491.05	3810426.05	11.72167	(21091521)	369476.66	3810408.39	10.99478	(20032003)
369462.27	3810390.72	10.46023	(20032003)	369447.88	3810373.06	10.10913	(20032003)
369433.49	3810355.39	9.64962	(23081103)	369419.10	3810337.73	9.17152	(23081103)
369404.71	3810320.06	8.76363	(23081103)	369390.32	3810302.40	8.20554	(23081103)
369375.93	3810284.73	7.56476	(23081103)	369563.00	3810514.38	19.66979	(21040224)
369582.46	3810526.65	18.97920	(21040224)	369601.92	3810538.92	18.33321	(21091724)
369495.45	3810581.51	21.75047	(21040602)	369481.23	3810564.05	21.77884	(21040602)
369467.01	3810546.59	21.80564	(22080404)	369438.56	3810511.68	21.54380	(22080404)
369424.34	3810494.22	20.83487	(22080404)	369410.12	3810476.77	19.80156	(20102003)
369395.90	3810459.31	17.14893	(20102003)	369381.68	3810441.85	11.26856	(21091521)
369353.24	3810406.94	9.57388	(23081103)	369339.02	3810389.48	9.01705	(23081103)

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        369324.80   3810372.02        8.39290  (23081103)                369310.58
3810354.57        7.91051  (23081103)
        369296.36   3810337.11        7.43111  (23081103)                369509.67
3810598.96       22.36706  (21040602)
        369529.13   3810611.23       23.36758  (21040602)                369548.59
3810623.50       23.18600  (21040602)
        369674.57   3810067.46       12.76206  (23123116)                369577.56
3810043.21        8.87067  (23123116)
        369480.54   3810018.96        7.05937  (23123116)                369383.53
3809994.70        6.01565  (23123116)
        369865.16   3810163.19       20.67433  (21091521)                369851.58
3810184.17       19.08879  (21091521)
        369837.99   3810205.16       18.00999  (21091521)                369824.40
3810226.14       17.26065  (21091521)
        369676.32   3810175.79       11.28941  (23081103)                369674.33
3810145.32       11.46846  (23123116)
        369672.33   3810114.85       12.95967  (23123116)                369770.06
3810310.09       14.92673  (23042824)
        369582.02   3810193.09        9.11063  (23081103)                369579.85
3810159.85        8.46289  (23122102)
        369577.68   3810126.61        8.73981  (23123116)                369575.50
3810093.37        9.18316  (23123116)
        369715.71   3810394.03       13.68929  (22051902)                369490.13
3810247.13        8.49083  (23081103)
        369488.01   3810214.63        7.79015  (23122102)                369485.88
3810182.13        7.50276  (23122102)
        369483.75   3810149.63        7.15296  (23122102)                369481.63
3810117.13        6.84924  (23123116)
        369479.50   3810084.63        7.13424  (23123116)                369477.38
3810052.13        7.15527  (23123116)
        369661.36   3810477.97       12.89399  (22051902)                369395.91
3810265.54        7.33814  (23081103)
        369393.69   3810231.68        6.94259  (23122102)                369391.48
3810197.83        6.68070  (23122102)
        369389.26   3810163.97        6.35497  (23122102)                369387.05
3810130.11        6.01118  (23122102)
        369384.84   3810096.26        5.77007  (23123116)                369381.51
3810045.48        5.99807  (23123116)
        369607.02   3810561.91       15.15348  (23042824)                369302.94
3810303.14        6.86315  (23081103)
        369300.77   3810269.90        6.55445  (23122102)                369298.59
3810236.67        6.40374  (23122102)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369296.42	3810203.43	6.26081	(23122102)	369294.24	3810170.19	5.96853	(23122102)
369292.07	3810136.95	5.56160	(23122102)	369289.90	3810103.71	5.34261	(18041919)
369287.72	3810070.47	5.15319	(18041919)	369552.67	3810645.86	22.56888	(21040602)
369879.10	3810188.17	20.41630	(21091521)	369887.52	3810212.35	19.78820	(21091521)
369862.76	3810208.76	18.88253	(21091521)	369893.20	3810236.14	19.24822	(21091521)
369865.68	3810232.14	18.51704	(21091521)	369921.41	3810332.08	16.96239	(22051902)
369893.89	3810328.08	16.72811	(22051902)	369866.37	3810324.08	16.35220	(22051902)
369838.85	3810320.08	15.95177	(22051902)	369811.34	3810316.08	15.49738	(18091104)
369949.56	3810329.85	17.30596	(22051902)	369948.81	3810427.90	15.08054	(21091522)
369919.68	3810423.66	14.99290	(21091522)	369890.54	3810419.43	14.89733	(22051902)
369861.40	3810415.20	14.90069	(22051902)	369832.26	3810410.96	14.83027	(22051902)
369803.12	3810406.73	14.68262	(22051902)	369773.99	3810402.50	14.46643	(22051902)
369744.85	3810398.26	14.12410	(22051902)	369977.77	3810425.78	15.24635	(21091522)
369977.24	3810523.87	14.01706	(21040923)	369948.52	3810519.69	13.96565	(21040923)
369919.81	3810515.52	13.81657	(21091522)	369891.09			

```
3810511.35       13.85475  (21091522)
        369862.37   3810507.18       13.79495  (21091522)                369833.66
3810503.01       13.66342  (21091522)
        369804.94   3810498.83       13.52120  (22091303)                369776.23
3810494.66       13.42949  (22051902)
        369747.51   3810490.49       13.36753  (22051902)                369718.79
3810486.32       13.28738  (22051902)
        369690.08   3810482.14       13.13390  (22051902)                370005.98
3810521.72       14.41259  (21040923)
        370005.06   3810619.75       12.93715  (22091106)                369975.58
3810615.46       12.75607  (21040923)
        369946.09   3810611.18       12.78564  (21040923)                369916.61
3810606.90       12.86119  (21040923)
        369887.12   3810602.61       12.69732  (21040923)                369857.64
3810598.33       12.45097  (21040923)
        369828.15   3810594.04       12.33608  (21091522)                369798.67
3810589.76       12.38096  (21091522)
        369769.18   3810585.48       12.18574  (21091522)                369739.70
3810581.19       12.05536  (21091522)
        369710.21   3810576.91       11.98539  (22091303)                369680.73
3810572.62       12.00307  (22051902)
        369651.24   3810568.34       12.04537  (22051902)                370034.19
3810617.66       13.77207  (21020823)
        370033.45   3810715.71       14.10332  (21020823)                370004.31
3810711.48       13.38836  (21020823)
        369975.17   3810707.24       12.58869  (21020823)                369946.03
3810703.01       11.94177  (22091106)
        369916.90   3810698.78       11.90529  (21040923)                369887.76
3810694.54       11.96254  (21040923)
        369858.62   3810690.31       13.00294  (21040923)                369829.48
3810686.08       13.80421  (21040923)
        369800.34   3810681.84       11.65462  (21040923)                369771.20
3810677.61       11.27363  (21040923)
        369742.07   3810673.38       12.02851  (21091522)                369712.93
3810669.14       18.97021  (23042902)
        369683.79   3810664.91       20.63613  (23042902)                369654.65
3810660.68       16.77924  (22041701)
        369625.51   3810656.44       14.14952  (22051802)                369596.38
3810652.21       17.08107  (22110205)
        370062.40   3810713.60       14.77992  (21020823)                369930.01
3810171.21       24.40915  (21091521)
        369915.70   3810246.99       19.46805  (23042824)                369793.01
3810520.75       13.10976  (22091303)
        369735.76   3810604.68       11.96741  (21091522)                369678.51
3810688.60       22.31439  (22091103)
        369711.22   3810703.26       21.06707  (22091103)                369951.02
3810180.10       25.18617  (21091521)
        369974.71   3810185.52       26.19298  (21091521)                370069.48
3810207.18       27.14995  (22051902)
        369969.14   3810209.89       23.53211  (23042824)                369992.83
```

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369987.26   3810239.68   21.22086 (22051902)   370010.95
3810245.09   21.04232 (22051902)
        370034.64   3810250.51   20.81600 (22051902)   370058.34
3810255.92   20.61464 (22051902)
        370005.38   3810269.46   19.78620 (22051902)   370029.07
3810274.88   19.63831 (22051902)
        370052.76   3810280.30   19.42376 (22051902)   369935.71
3810356.12   16.33488 (22051902)
        369959.40   3810361.53   16.22398 (22051902)   369983.10
3810366.95   16.17605 (21091522)
        370006.79   3810372.36   16.25721 (21091522)   369871.12
3810441.96   14.33641 (22091303)
        369913.43   3810453.60   14.47457 (21091522)   369937.12
3810459.02   14.60900 (21091522)
        369960.81   3810464.43   14.56123 (21091522)   369984.50
3810469.85   14.77968 (21040923)
        370008.19   3810475.27   15.15451 (21040923)   369848.84
3810539.44   12.89815 (21091522)
        369891.14   3810551.09   12.87292 (21040923)   369914.83
3810556.50   13.15354 (21040923)

```
        369938.53   3810561.92       13.26518  (21040923)                369962.22
3810567.33       13.30465  (21040923)
        369985.91   3810572.75       13.36449  (21040923)                369826.55
3810636.93       11.97325  (21040923)
        369789.33   3810624.47       11.86612  (21091522)                369868.86
3810648.57       12.27184  (21040923)
        369892.55   3810653.99       12.34517  (21040923)                369916.24
3810659.40       12.36691  (21040923)
        369939.93   3810664.82       12.22208  (21040923)                369963.62
3810670.24       12.22501  (22091106)
        369800.55   3810733.17       13.62091  (21040923)                369778.22
3810725.69       11.62202  (21040923)
        369755.88   3810718.22       11.37893  (21040923)                369733.55
3810710.74       13.35394  (20090103)
        369822.88   3810740.64       19.06164  (22051705)                369846.57
3810746.06       18.13070  (22051705)
        369870.26   3810751.47       12.14236  (22091106)                369893.96
3810756.89       11.82369  (22091106)
        369917.65   3810762.31       11.82245  (21020823)                369941.34
3810767.72       12.49624  (21020823)
        370097.17   3810203.36       25.77742  (22051902)                370086.30
3810231.53       22.15000  (22051902)
        370119.30   3810223.91       22.78572  (22051802)                370108.42
3810252.08       20.89673  (22051802)
        370136.55   3810373.87       17.33468  (21040923)                370125.75
3810475.14       16.70448  (21020823)
        370092.16   3810475.17       15.80776  (21040923)                370058.58
3810475.21       15.60206  (21040923)
        370148.76   3810572.57       16.84340  (21020823)                370116.19
3810572.61       15.91800  (21020823)
        370083.62   3810572.64       14.99237  (21020823)                370051.05
3810572.68       14.06595  (21020823)
        370018.48   3810572.72       13.60720  (21040923)                370181.55
3810568.74       17.66806  (21020823)
        370171.55   3810670.01       17.13842  (21020823)                370139.56
3810670.04       16.59381  (21020823)
        370107.57   3810670.08       15.93340  (21020823)                370075.58
3810670.11       15.08461  (21020823)
        370043.60   3810670.15       14.23641  (21020823)                370011.61
3810670.18       13.40194  (21020823)
        370204.04   3810666.18       17.59707  (21020823)                370193.25
3810767.45       17.36147  (21020823)
        370159.66   3810767.48       19.83972  (21020823)                370126.07
3810767.52       18.94888  (21020823)
        370092.49   3810767.56       16.45409  (21020823)                370058.90
3810767.59       14.73065  (21020823)
        370025.31   3810767.63       14.06483  (21020823)                369991.72
3810767.67       13.29029  (21020823)
        370226.54   3810763.62       16.85713  (21020823)                369889.95
3810626.19       12.57638  (21040923)
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        370209.86   3810583.37   18.14856 (21020823)   370245.40
3810576.61   18.82778 (21020823)
        370032.52   3810649.52   13.88631 (21020823)   369996.88
3810643.69   12.76771 (21020823)
        369961.23   3810637.86   12.47950 (21040923)   369925.59
3810632.02   12.66144 (21040923)
        370228.55   3810681.61   17.59230 (21020823)   370264.09
3810674.85   17.82345 (21020823)
        370035.24   3810745.15   14.19436 (21020823)   369999.91
3810739.37   13.37323 (21020823)
        369964.58   3810733.58   12.50068 (21020823)   369929.25

3810727.80 11.72936 (22091106)
369893.92 3810722.02 11.84709 (21040923) 370247.23
3810779.85 16.36807 (21020823)
370282.77 3810773.09 16.16264 (21020823) 370197.71
3810206.90 24.20038 (22051802)
370201.05 3810256.79 21.10052 (21040923) 370202.72
3810281.74 20.45594 (21040923)
370196.72 3810382.36 18.27692 (21020823) 370210.76
3810782.32 16.77926 (21020823)
370233.35 3810215.24 24.21238 (21091522) 370261.27
3810183.94 29.94677 (22051802)
370265.97 3810216.23 24.35720 (21040923) 370284.63
3810232.88 23.14449 (21020823)
370328.30 3810323.40 24.34321 (21020823) 370294.33
3810340.00 22.54816 (21020823)
370401.39 3810390.72 24.42902 (21020823) 370327.27
3810426.95 22.79597 (21020823)
370290.21 3810445.06 22.09382 (21020823) 370433.88
3810366.01 25.08053 (21020823)
370458.30 3810465.94 22.09294 (21020823) 370422.07
3810483.65 21.89699 (21020823)
370385.83 3810501.36 21.24863 (21020823) 370331.48
3810527.93 20.34003 (21020823)
370295.24 3810545.64 19.83414 (21020823) 370522.46
3810416.93 21.73166 (21020823)
370551.29 3810523.53 17.74065 (21020823) 370497.65
3810549.75 18.33735 (21020823)
370461.89 3810567.23 18.52763 (21020823) 370426.13
3810584.71 18.63875 (21020823)
370390.37 3810602.19 18.63808 (21020823) 370354.61
3810619.67 18.36485 (21020823)
370318.85 3810637.14 18.24566 (21020823) 370283.09
3810654.62 18.15880 (21020823)
370583.13 3810499.14 18.00271 (21020823) 370625.26
3810590.42 14.84159 (18051806)
370588.20 3810608.53 14.80910 (18051806) 370551.14
3810626.65 14.95281 (21020823)
370514.08 3810644.76 15.30653 (21020823) 370477.02
3810662.87 15.57569 (21020823)
370439.96 3810680.99 15.91093 (21020823) 370402.91
3810699.10 16.18784 (21020823)
370365.85 3810717.22 16.36867 (21020823) 370328.79
3810735.33 16.38843 (21020823)
370657.75 3810565.71 15.15515 (21041304) 370310.12
3810228.19 24.64052 (21020823)
370352.14 3810424.69 23.15310 (21020823) 370419.69
3810508.14 20.65922 (21020823)
370412.78 3810615.28 18.11288 (21020823) 370450.01
3810603.44 17.74575 (21020823)
370405.87 3810722.42 15.59097 (21020823) 370443.10

3810710.57   15.16733 (21020823)
        370480.33   3810698.73   14.63082 (21020823)   370315.59
3810145.14   30.63420 (22051802)
        370332.76   3810163.31   28.16730 (21040923)   370365.16
3810167.10   29.41408 (21020823)
        370420.43   3810281.39   28.04866 (21020823)   370471.57
3810364.41   24.89382 (21020823)
        370556.08   3810427.76   20.46651 (21020823)   370487.89
3810467.95   21.47714 (21020823)
        370588.36   3810403.33   20.59289 (21020823)   370624.37
3810500.68   16.88773 (21020823)
        370589.50   3810521.23   16.96124 (21020823)   370502.32
3810572.61   17.59383 (21020823)
        370657.04   3810476.01   16.89303 (21020823)   370692.78
3810573.52   15.29626 (21041304)
        370657.37   3810594.39   14.68798 (21041304)   370621.96
3810615.26   14.50259 (18051806)
        370586.56   3810636.13   14.44596 (18051806)   370551.15
3810656.99   14.29633 (18051806)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370515.74   3810677.86   14.35771 (21020823)   370725.72
3810548.70   15.81742 (21041304)

370339.70 3810134.90 31.83132 (22051802) 370363.06 3810132.36 32.17162 (22051802)
370389.11 3810154.67 31.45299 (21020823) 370391.81 3810179.53 30.07012 (21020823)
370415.16 3810176.99 31.29240 (21020823) 370438.51 3810174.45 32.67064 (21020823)
370417.86 3810201.84 30.29286 (21020823) 370441.21 3810199.30 31.47966 (21020823)
370405.32 3810303.80 26.86807 (21020823) 370452.02 3810298.72 27.72310 (21020823)
370439.47 3810400.67 23.80562 (21020823) 370462.82 3810398.13 23.70362 (21020823)
370450.28 3810500.09 20.59072 (21020823) 370473.63 3810497.55 20.31232 (21020823)
370484.43 3810596.96 17.38858 (21020823) 370469.75 3810120.80 41.99419 (21122216)
370475.10 3810170.51 35.65450 (21122216) 370477.78 3810195.37 33.14291 (21020823)
370488.48 3810294.79 27.74778 (21020823) 370499.18 3810394.22 23.05479 (21020823)
370509.88 3810493.65 19.79667 (21020823) 370520.59 3810593.07 16.55418 (21020823)
370549.62 3810690.52 13.77604 (18051806) 370336.44 3810228.20 25.96284 (21020823)
370169.71 3810339.59 18.51386 (21040923) 370090.78 3810401.00 16.48962 (21040923)
370029.62 3810485.25 15.25728 (21040923) 370526.89 3810167.63 42.19032 (21122216)
370500.67 3810191.77 35.88037 (21122216) 370526.05 3810192.62 37.98063 (21122216)
370499.83 3810216.75 32.68154 (21122216) 370525.21 3810217.60 34.27404 (21122216)
370399.31 3810267.15 27.97145 (21020823) 370377.72 3810256.14 27.36761 (21020823)
370356.13 3810245.13 26.69900 (21020823) 370496.49 3810316.70 26.46510 (21020823)
370521.87 3810317.55 25.94672 (21020823) 370482.34 3810411.14 22.75411 (21020823)
370395.97 3810367.09 25.00896 (21020823) 370374.37 3810356.08 24.81436 (21020823)
370352.78 3810345.07 24.62695 (21020823) 370277.20 3810306.53 22.08140 (21020823)
370400.22 3810470.91 22.65580 (21020823) 370377.82 3810459.49 23.01166 (21020823)
370355.43 3810448.07 23.21639 (21020823) 370299.44 3810419.53 22.03812 (21020823)
370277.05 3810408.11 21.35989 (21020823) 370489.79 3810516.59 19.35190 (21020823)
370397.53 3810571.19 19.37059 (21020823) 370375.30 3810559.86 19.77661 (21020823)

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        370353.07   3810548.52       20.06180  (21020823)               370308.61
3810525.85       20.22068  (21020823)
        370286.38   3810514.52       20.15874  (21020823)               370253.04
3810497.52       20.17749  (21020823)
        370499.13   3810616.95       16.41684  (21020823)               370394.61
3810671.36       16.97077  (21020823)
        370372.49   3810660.08       17.53399  (21020823)               370350.37
3810648.80       17.95257  (21020823)
        370295.07   3810620.60       18.60928  (21020823)               370272.95
3810609.32       18.72356  (21020823)
        370162.35   3810552.92       17.17488  (21020823)               370140.23
3810541.64       16.50056  (21020823)
        370118.11   3810530.36       15.92556  (21020823)               370095.99
3810519.08       15.34485  (21020823)
        370073.87   3810507.80       14.98736  (21040923)               370495.79
3810716.90       13.82513  (21020823)
        370547.88   3810133.53       50.40269  (21122216)               370567.34
3810109.84       56.27877  (21122216)
        370586.66   3810125.71       53.78827  (21122216)               370548.33
3810188.20       39.86091  (21122216)
        370593.81   3810190.35       39.45976  (21122216)               370554.92
3810211.72       36.20803  (21122216)
        370671.09   3810253.82       26.40957  (21122216)               370635.03
3810281.46       25.64903  (21122216)
        370596.14   3810302.83       25.32329  (21122216)               370566.43
3810308.72       25.44022  (21122216)
        370692.83   3810232.76       27.37328  (21122216)               370748.36
3810317.30       21.27393  (21122216)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370724.32	3810335.72	20.43287	(21122216)	370700.28	3810354.15	19.73870	(21122216)
370676.24	3810372.57	19.40451	(21020823)	370637.35	3810393.94	19.64028	(21020823)
370770.11	3810296.24	22.39551	(21122216)	370825.63	3810380.77	18.45676	(21041304)
370801.59	3810399.20	17.96663	(21041304)	370777.55	3810417.62	17.98221	(21041304)
370753.52	3810436.04	17.64813	(21041304)	370729.48	3810454.47	17.27094	(21041304)
370705.44	3810472.89	17.01069	(21041304)	370678.57	3810485.05	16.72468	(21041304)
370530.03	3810514.49	18.53938	(21020823)	370847.38	3810359.71	18.99398	(21041304)
370902.90	3810444.25	17.06684	(21041204)	370878.86	3810462.67	16.92177	(21041204)
370854.83	3810481.09	17.03369	(21041304)	370830.79	3810499.52	16.84544	(21041304)
370806.75	3810517.94	16.50571	(21041304)	370782.71	3810536.37	16.16032	(21041304)
370758.68	3810554.79	15.79669	(21041304)	370719.78	3810576.16	15.39350	(21041304)
370924.65	3810423.19	17.39683	(21041204)	370980.17	3810507.72	15.48129	(21041204)
370956.14	3810526.14	15.72340	(21041204)	370932.10	3810544.57	16.14933	(21041204)
370908.06	3810562.99	15.98104	(21041204)	370884.02	3810581.42	16.31625	(21041204)
370859.99	3810599.84	15.95550	(21041304)	370835.95	3810618.27	15.10859	(21041304)
370811.91	3810636.69	14.58141	(21041304)	370787.87	3810655.12	14.36218	(21041304)
370761.00	3810667.27	14.20222	(21041304)	370731.29	3810673.16	14.10219	(21041304)
370701.58	3810679.05	13.93853	(21041304)	370671.87	3810684.94	13.73109	(21041304)
370642.17	3810690.83	13.57948	(21041304)	370612.46	3810696.71	13.32392	(18051806)
370582.75	3810702.60	13.44738	(18051806)	370538.19	3810711.44	13.46085	(18051806)
371001.92	3810486.66	15.28220	(21041204)	370553.81	3810393.91	21.72644	(21020823)
370555.75	3810493.90	18.80336	(21020823)	370557.68			

3810593.88   15.59499 (21020823)
        370620.55   3810108.03   57.71437 (21122216)   370657.78
3810091.96   54.37650 (21122216)
        370630.46   3810130.99   49.18257 (21122216)   370667.69
3810114.91   45.89466 (21122216)
        370658.98   3810145.90   40.83752 (21122216)   370696.21
3810129.83   38.54279 (21122216)
        370631.66   3810184.93   36.94954 (21122216)   370668.89
3810168.85   35.55309 (21122216)
        370706.12   3810152.78   34.75904 (21122216)   370671.30
3810276.74   24.67198 (21122216)
        370708.53   3810260.66   24.94401 (21122216)   370745.76
3810244.59   25.79964 (21122216)
        370729.56   3810360.51   19.21478 (21122216)   370766.79
3810344.43   19.79283 (21122216)
        370769.20   3810452.31   17.55370 (21041304)   370806.43
3810436.24   17.72545 (21041304)
        370808.84   3810544.12   16.04584 (21041304)   370846.07
3810528.05   16.26986 (21041304)
        370867.09   3810627.89   15.52908 (21041204)   370904.32
3810611.82   16.16436 (21041204)
        370683.34   3810079.43   51.36182 (21122216)   370701.61
3810062.74   51.39609 (21122216)
        370719.87   3810046.06   53.38902 (21122216)   370738.14
3810029.37   56.37156 (21122216)
        370756.41   3810012.68   61.00508 (21122216)   370774.67
3809996.00   68.11177 (21122216)
        370700.20   3810097.89   43.39058 (21122216)   370718.47
3810081.20   44.64305 (21122216)
        370736.73   3810064.51   47.56641 (21122216)   370755.00
3810047.83   51.43613 (21122216)
        370773.27   3810031.14   56.62319 (21122216)   370791.53
3810014.46   62.62903 (21122216)
        370717.06   3810116.34   38.80169 (21122216)   370735.33
3810099.66   40.55917 (21122216)
        370753.60   3810082.97   43.69236 (21122216)   370771.86
3810066.29   47.88591 (21122216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010

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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370790.13   3810049.60       52.58751  (21122216)               370808.39
3810032.91       57.98937  (21122216)
        370733.93   3810134.80       35.93004  (21122216)               370752.19
3810118.12       37.92938  (21122216)
        370770.46   3810101.43       40.67013  (21122216)               370788.72
3810084.74       44.54971  (21122216)
        370806.99   3810068.06       48.77818  (21122216)               370825.26
3810051.37       53.41773  (21122216)
        370782.83   3810220.62       27.72198  (21122216)               370819.64
3810191.95       30.20310  (21122216)
        370837.90   3810175.26       31.79672  (21122216)               370856.17
3810158.58       33.77859  (21122216)
        370874.43   3810141.89       35.99496  (21122216)               370892.70
3810125.20       38.41877  (21122216)
        370852.13   3810293.25       21.99423  (21122216)               370818.77
3810314.82       21.05282  (21122216)
        370887.08   3810265.78       23.35743  (21122216)               370905.35
3810249.09       24.17718  (21122216)
        370923.61   3810232.41       25.05060  (21122216)               370941.88
3810215.72       26.04948  (21122216)
        370960.15   3810199.04       27.42816  (21122216)               370917.72
3810368.28       18.74483  (21041204)
        370880.65   3810392.25       18.19374  (21041204)               370843.58
3810416.22       17.75827  (21041304)
        370954.53   3810339.61       19.29478  (21041204)               370972.79
3810322.92       19.51859  (21041204)
        370991.06   3810306.24       19.70208  (21041204)               371009.33
3810289.55       19.64127  (21041204)
        371027.59   3810272.87       19.37245  (21041204)               370983.85
3810442.97       16.41939  (21041204)
        370963.99   3810455.81       16.46572  (21041204)               370944.12
3810468.65       16.47882  (21041204)
        370924.26   3810481.49       16.44968  (21041204)               370904.40
3810494.33       16.53663  (21041204)
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        370884.54   3810507.17       16.53041  (21041204)               371003.71
3810430.13       16.28207  (21041204)
        371021.97   3810413.44       16.17962  (21041204)               371040.24
3810396.76       16.12183  (21041204)
        371058.50   3810380.07       15.98515  (21041204)               371076.77
3810363.38       15.67489  (21041204)
        371095.04   3810346.70       15.24795  (21041204)               371052.62
3810515.94       13.58993  (21041204)
        371015.54   3810539.91       14.38794  (21041204)               370978.47
3810563.88       15.71236  (21041204)
        370941.40   3810587.85       16.52641  (21041204)               371089.42
3810487.27       12.70166  (21041204)
        371107.68   3810470.59       12.26045  (21041204)               371125.95
3810453.90       11.76354  (21041204)
        371144.22   3810437.22       11.14185  (18050118)               371162.48
3810420.53       11.79957  (18050118)
        370823.63   3810014.70       64.31197  (21122216)               370847.04
3810018.89       64.03644  (21122216)
        370870.44   3810023.07       64.26503  (21122216)               370893.85
3810027.26       63.26021  (21122216)
        370917.25   3810031.44       62.53940  (21122216)               370940.66
3810035.63       62.37946  (21122216)
        370964.07   3810039.81       60.57573  (21122216)               370987.47
3810044.00       58.31606  (21122216)
        371010.88   3810048.18       56.77174  (21122216)               370866.04
3810047.68       55.20916  (21122216)
        370889.45   3810051.87       54.12993  (21122216)               370912.86
3810056.05       53.27353  (21122216)
        370936.26   3810060.24       53.05827  (21122216)               370959.67
3810064.42       53.07023  (21122216)
        370983.07   3810068.61       51.96857  (21122216)               371006.48
3810072.79       50.18168  (21122216)
        370861.64   3810072.29       48.70438  (21122216)               370885.05
3810076.48       47.70732  (21122216)
        370908.46   3810080.66       46.68195  (21122216)               370931.86
3810084.85       45.63388  (21122216)
        370955.27   3810089.03       45.15701  (21122216)               370978.67
3810093.21       44.81358  (21122216)
        371002.08   3810097.40       43.72628  (21122216)               370833.84
3810092.72       44.11182  (21122216)
        370857.24   3810096.90       43.55798  (21122216)               370880.65
3810101.09       42.47072  (21122216)
        370904.06   3810105.27       41.66216  (21122216)               370927.46
3810109.46       40.65140  (21122216)
        370950.87   3810113.64       39.57164  (21122216)               370974.27
3810117.82       38.75580  (21122216)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370997.68	3810122.01	38.18849	(21122216)	370722.61	3810174.42	31.52046	(21122216)
370746.02	3810178.60	30.90271	(21122216)	370769.43	3810182.79	30.67526	(21122216)
370792.83	3810186.97	30.52503	(21122216)	370863.05	3810199.53	29.06723	(21122216)
370886.46	3810203.71	28.28755	(21122216)	370909.86	3810207.89	27.51792	(21122216)
370980.08	3810220.45	24.25294	(21122216)	370728.42	3810277.04	23.70068	(21122216)
370751.83	3810281.23	23.35132	(21122216)	370798.64	3810289.60	22.69839	(21122216)
370892.26	3810306.33	20.49477	(21122216)	370915.67	3810310.52	20.34085	(21041204)
370939.08	3810314.70	20.12443	(21041204)	370710.82	3810375.48	18.68181	(21122216)
370757.63	3810383.85	18.23276	(21041304)	370781.04	3810388.04	18.18703	(21041304)
370898.07	3810408.96	17.84011	(21041204)	370740.04	3810482.29	16.92760	(21041304)
370763.44	3810486.47	16.94236	(21041304)	370786.85	3810490.66	16.95669	(21041304)
370927.29	3810515.77	16.16441	(21041204)	370745.84	3810584.91	15.33123	(21041304)
370769.25	3810589.10	15.29925	(21041304)	370792.66			

3810593.28 15.25504 (21041304)
370816.06 3810597.47 15.16686 (21041304) 371046.60
3810082.60 41.19878 (21122216)
371071.06 3810084.32 42.26880 (22011801) 371095.51
3810086.05 37.27537 (22011801)
371119.96 3810087.78 33.26957 (22011801) 371144.42
3810089.51 32.66363 (21011719)
371044.84 3810107.53 36.60420 (21122216) 371069.29
3810109.26 40.25099 (22011801)
371093.75 3810110.99 33.81300 (22011801) 371118.20
3810112.72 30.74643 (22011717)
371142.66 3810114.45 30.39845 (22011717) 371018.62
3810130.74 35.85871 (21122216)
371043.08 3810132.47 32.82367 (21122216) 371067.53
3810134.20 38.64178 (22011801)
371091.99 3810135.93 32.84916 (22011801) 371116.44
3810137.66 29.42448 (22011717)
371140.89 3810139.38 29.03397 (22011717) 370997.98
3810148.13 33.52746 (21122216)
371041.32 3810157.41 29.40561 (21122216) 371065.77
3810159.14 26.64596 (21041204)
371090.22 3810160.87 35.67064 (22011801) 371114.68
3810162.59 28.92808 (18121820)
371139.13 3810164.32 28.22212 (22011717) 370987.16
3810246.37 21.66421 (21122216)
370964.51 3810237.31 23.30201 (21122216) 370843.84
3810128.00 38.27963 (21122216)
371009.81 3810255.43 20.38609 (21041204) 371058.72
3810258.89 18.79393 (21041204)
371083.17 3810260.62 18.45143 (21041204) 371107.63
3810262.34 17.49383 (21041204)
371132.08 3810264.07 17.49438 (18050118) 370981.53
3810346.69 18.66502 (21041204)
370820.51 3810267.98 24.01716 (21122216) 370808.16
3810248.73 25.50642 (21122216)
371002.76 3810355.18 18.07431 (21041204) 371027.22
3810356.91 17.48582 (21041204)
371125.03 3810363.82 13.26929 (21041204) 370950.41
3810436.82 16.94915 (21041204)
370729.65 3810302.74 22.16177 (21122216) 370663.77
3810200.07 31.66631 (21122216)
371020.17 3810456.66 15.39432 (21041204) 371044.62
3810458.39 14.70013 (21041204)
371069.08 3810460.12 13.90984 (21041204) 370692.83
3810421.69 17.45562 (21041304)
370680.16 3810401.95 18.19622 (21020823) 370629.48
3810322.98 22.80011 (21122216)
371037.57 3810558.14 14.18520 (21041204) 371062.03
3810559.87 12.86237 (21041204)
371086.48 3810561.60 12.04640 (21041204) 371110.94

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370589.11   3810436.41   19.32305 (21020823)   370483.70
3810272.14   29.00745 (21020823)
        370981.62   3810654.44   21.96771 (22011801)   371006.07
3810656.17   23.82529 (22011801)
        371030.53   3810657.89   22.59968 (22011801)   371054.98
3810659.62   19.89745 (22011801)
        371079.43   3810661.35   16.69813 (22011801)   371103.89
3810663.08   14.99873 (22011801)
        371167.52   3810080.61   34.46313 (20122117)   371165.45
3810108.66   30.85188 (23120423)
        371178.88   3810129.75   29.12929 (22011717)   371191.23
3810151.11   27.60863 (22011717)
        371165.18   3810157.71   27.80807 (22011717)   371244.97
3810235.44   23.74145 (22010418)
        371218.92   3810242.05   25.51065 (23120423)   371192.87
3810248.66   24.14778 (21011407)

```
        371166.82   3810255.26       18.60302  (18050118)                371298.70
3810319.78       15.63983  (18122107)
        371272.65   3810326.39       15.44044  (18050118)                371246.60
3810332.99       15.12011  (18050118)
        371220.55   3810339.60       14.78285  (18050118)                371194.50
3810346.21       14.39130  (18050118)
        371168.45   3810352.81       13.90955  (18050118)                371352.12
3810404.20       11.82620  (18050118)
        371325.10   3810411.05       12.21934  (18050118)                371298.09
3810417.90       12.39509  (18050118)
        371271.07   3810424.75       12.36377  (18050118)                371244.06
3810431.60       12.17977  (18050118)
        371217.04   3810438.45       11.86236  (18050118)                371190.03
3810445.30       11.44615  (18050118)
        371163.01   3810452.16       10.99319  (18050118)                371405.92
3810488.51        9.92311  (18050118)
        371379.10   3810495.32       10.28690  (18050118)                371352.29
3810502.12       10.50462  (18050118)
        371325.47   3810508.92       10.57654  (18050118)                371298.65
3810515.72       10.50623  (18050118)
        371271.84   3810522.52       10.32717  (18050118)                371245.02
3810529.32       10.05403  (18050118)
        371218.20   3810536.12        9.71333  (18050118)                371191.39
3810542.92        9.33609  (18050118)
        371164.57   3810549.72        9.03347  (21041204)                371137.75
3810556.53       10.09128  (21041204)
        371459.70   3810572.84        8.47785  (18050118)                371433.01
3810579.61        8.82332  (18050118)
        371406.33   3810586.37        9.06034  (18050118)                371379.64
3810593.14        9.22156  (18050118)
        371352.96   3810599.91        9.21672  (18050118)                371326.27
3810606.68        9.16695  (18050118)
        371299.58   3810613.45        8.93796  (18050118)                371272.90
3810620.21        8.65960  (18050118)
        371246.21   3810626.98        8.41402  (18050118)                371219.53
3810633.75        8.11407  (18050118)
        371192.84   3810640.52        7.85182  (18122501)                371166.15
3810647.29        8.55359  (21041204)
        371139.47   3810654.05       10.00860  (21041204)                371179.09
3810059.53       38.30039  (22111718)
        371201.01   3810071.55       36.26111  (22111718)                371189.44
3810092.64       31.88811  (21011719)
        371204.09   3810042.27       44.17538  (23040918)                371226.01
3810071.55       36.24927  (22111718)
        371211.36   3810104.66       30.78756  (23010717)                371229.09
3810042.27       36.98144  (20012924)
        371249.98   3810075.56       35.33448  (18122824)                371230.45
3810119.71       29.60470  (23010717)
        371254.09   3810042.27       30.78570  (23040918)                371349.98
3810075.56       32.07850  (21120518)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371454.09	3810042.27	22.36818	(18122720)	371549.98	3810075.56	21.07993	(23010822)
371541.76	3810107.63	24.12845	(21010618)	371533.55	3810139.69	25.26373	(21120518)
371525.33	3810171.75	23.74023	(18102819)	371517.11	3810203.82	20.67654	(18102819)
371508.90	3810235.88	20.58898	(20120108)	371493.47			

3810263.99 22.56492 (23122417)
  371470.85 3810288.15 19.87321 (21120818) 371448.22
3810312.31 11.14114 (23040918)
  371425.60 3810336.47 10.69448 (23040918) 371402.97
3810360.63 10.79142 (18050118)
  371380.35 3810384.79 11.34834 (18050118) 371554.09
3810042.27 21.44115 (23010822)
  371649.98 3810075.56 22.40966 (21011622) 371641.76
3810107.63 21.44688 (21011622)
  371633.55 3810139.69 22.78877 (21120518) 371625.33
3810171.75 22.91221 (21120518)
  371617.11 3810203.82 19.96735 (18102819) 371608.90
3810235.88 19.41876 (18102819)
  371600.68 3810267.95 21.09124 (22111718) 371581.15
3810312.09 20.79270 (23122417)
  371558.52 3810336.25 20.12298 (23122417) 371535.90
3810360.41 14.57996 (20021918)
  371513.27 3810384.57 9.04251 (23040918) 371490.65
3810408.73 8.69713 (23040918)
  371468.02 3810432.89 8.57497 (18050118) 371445.39
3810457.05 9.19751 (18050118)
  371654.09 3810042.27 23.52716 (18021620) 371749.98
3810075.56 20.78450 (21011622)
  371741.76 3810107.63 21.12333 (21011622) 371733.55
3810139.69 20.62601 (21120518)
  371725.33 3810171.75 21.82875 (21120518) 371717.11
3810203.82 19.15880 (21120518)
  371708.90 3810235.88 19.71664 (18102819) 371700.68
3810267.95 19.91351 (21011123)
  371692.46 3810300.01 16.67417 (18122824) 371684.24
3810332.07 10.34491 (21011502)
  371668.82 3810360.18 11.97986 (20012924) 371646.20
3810384.34 7.63450 (23040918)
  371623.57 3810408.50 7.73946 (23040918) 371600.95
3810432.66 7.69652 (23040918)
  371578.32 3810456.82 7.54687 (23040918) 371555.69
3810480.98 7.26220 (23040918)
  371533.07 3810505.14 7.01014 (18050118) 371510.44
3810529.30 7.58964 (18050118)
  371487.82 3810553.46 8.04689 (18050118) 371754.09
3810042.27 21.72905 (20010119)
  371146.62 3810066.13 37.77819 (22011801) 371094.34
3810233.14 19.95977 (21041204)
  371064.47 3810328.57 17.00232 (21041204) 371046.09
3810427.60 15.27855 (21041204)
  371004.72 3810519.44 14.84162 (21041204) 370974.84
3810614.87 16.16208 (21041204)
  371119.52 3810240.49 18.70505 (18050118) 371073.44
3810435.11 14.23880 (21041204)
  371100.77 3810441.58 13.05198 (21041204) 371064.07

3810535.66   13.03613 (21041204)
        371017.11   3810626.92   17.66681 (22011801)   371041.03
3810632.97   17.12873 (22011801)
        371219.95   3810008.48   40.91113 (20101717)   371220.98
3809985.98   40.30764 (20101717)
        371222.00   3809963.48   38.80283 (20101717)   371223.03
3809940.98   37.07846 (20101717)
        371224.06   3809918.48   36.22557 (22022008)   371225.08
3809895.98   36.76503 (22022008)
        371244.92   3810009.62   35.46989 (20101717)   371245.95
3809987.12   35.20728 (20101717)
        371246.98   3809964.62   34.02774 (20101717)   371248.00
3809942.12   32.73404 (20101717)
        371249.03   3809919.62   31.64751 (20101717)   371250.06
3809897.12   30.79209 (20101717)
        371269.90   3810010.76   30.98806 (20101717)   371270.92
3809988.26   31.09778 (20101717)
        371271.95   3809965.76   30.25650 (20101717)   371272.98
3809943.26   29.23713 (20101717)
        371274.00   3809920.76   28.32163 (20101717)   371275.03
3809898.26   27.60786 (20101717)
        371282.90   3810075.72   30.25617 (20012924)   371263.07
3810113.35   30.65979 (22111718)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

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        371253.03   3810502.09       10.64254  (18050118)                371209.21
3810511.29       10.13024  (18050118)
        371165.38   3810520.49        9.50022  (18050118)                371121.56
3810529.69       10.91769  (21041204)
        371693.43   3810052.64       21.93448  (21011622)                371694.45
3810030.14       22.78848  (20010119)
        371695.48   3810007.64       22.74382  (18011419)                371696.51
3809985.14       21.99347  (22122118)
        371697.54   3809962.64       20.19509  (23122122)                371698.56
3809940.14       19.07509  (23122122)
        371699.59   3809917.64       19.21745  (22011520)                371781.95
3810099.34       20.60711  (18021620)
        371761.25   3810138.61       20.99100  (21120518)                371668.12
3810315.32       11.22055  (21011502)
        371564.64   3810511.67        6.77249  (23040918)                371532.57
3810535.87        7.09716  (18050118)
        371445.68   3810554.11        8.79920  (18050118)                371402.24
3810563.23        9.31340  (18050118)
        371358.80   3810572.35        9.53215  (18050118)                371315.36
3810581.48        9.48296  (18050118)
        371271.91   3810590.60        9.20547  (18050118)                371228.47
3810599.72        8.66276  (18050118)
        371185.03   3810608.84        8.17653  (18050118)                371141.58
3810617.96        9.77142  (21041204)
        371098.14   3810627.08       11.64056  (21041204)                371793.32
3810057.20       20.78497  (20010119)
        371794.35   3810034.70       20.98358  (20010119)                371795.38
3810012.20       21.09942  (22122118)
        371796.40   3809989.70       20.43491  (22122118)                371797.43
3809967.20       19.19094  (23122122)
        371798.46   3809944.70       18.94255  (23122122)                371799.49
3809922.20       18.89806  (23122122)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371214.78	3809870.57	41.17911	(22022008)	371243.11	3809869.32	32.97111	(22022008)
371229.45	3809846.30	37.04414	(22022008)	371267.21	3809866.99	28.45175	(22022008)
371257.78	3809845.06	30.57375	(22022008)	371288.89	3809854.93	30.18721	(20021720)
371294.45	3809877.16	25.15105	(20101717)	371279.28	3809832.30	34.27169	(20021720)
371375.20	3809805.13	31.72176	(20011705)	371381.37	3809829.84	30.87456	(18122721)
371387.55	3809854.55	28.42257	(20021720)	371393.73	3809879.25	25.95231	(20021720)
371365.28	3809781.27	30.97980	(23090619)	371461.31	3809754.57	24.93624	(22122518)
371467.73	3809780.23	23.85615	(23020508)	371474.14	3809805.89	25.08717	(23052921)
371480.56	3809831.55	24.99221	(23052921)	371486.97	3809857.21	25.23732	(20112018)
371493.38	3809882.86	27.20117	(20022623)	371451.28	3809730.24	27.26984	(22012919)
371547.19	3809703.07	22.64802	(22122518)	371553.37	3809727.78	23.67863	(18120319)
371559.55	3809752.48	24.86208	(23090619)	371565.72	3809777.19	25.36094	(23090619)
371571.90	3809801.90	25.43468	(23090619)	371578.08	3809826.61	25.40867	(23090619)
371584.25	3809851.31	25.12483	(20022623)	371590.43	3809876.02	25.11259	(20022623)
371537.28	3809679.20	22.08344	(20031718)	371633.26	3809652.32	19.29672	(20031718)
371639.58	3809677.59	19.64751	(20031718)	371645.90	3809702.86	19.90760	(20031718)
371652.21	3809728.12	20.72219	(23020508)	371658.53	3809753.39	21.69484	(23090619)
371664.85	3809778.66	22.17932	(23090619)	371671.16	3809803.93	20.62690	(23052921)
371677.48	3809829.20	19.96857	(23052921)	371683.80	3809854.47	20.78196	(23052921)
371690.11	3809879.74	21.40821	(20112018)	371623.27			

3809628.17 19.16066 (21050320)
  371719.31 3809601.48 17.65660 (21050320) 371725.72
3809627.14 18.62379 (20031718)
  371732.14 3809652.80 17.69128 (20031718) 371738.55
3809678.45 18.32765 (20031718)
  371744.97 3809704.11 18.33803 (23020508) 371751.38
3809729.77 18.11827 (23020508)
  371757.79 3809755.43 17.32569 (23020508) 371764.21
3809781.08 16.45653 (21033121)
  371770.62 3809806.74 16.31055 (23090619) 371777.04
3809832.40 16.32080 (23090619)
  371783.45 3809858.06 16.77692 (22011520) 371789.86
3809883.72 17.89347 (22011520)
  371709.27 3809577.14 17.55574 (21050320) 371346.42
3809991.86 22.95331 (20101717)
  371426.40 3810051.89 20.60267 (21020324) 371506.38
3810111.91 26.02306 (21022701)
  371586.37 3810171.93 22.71006 (18102819) 371666.35
3810231.95 20.46218 (18102819)
  371225.42 3809816.25 43.04833 (20011705) 371228.18
3809792.75 42.32118 (18122721)
  371230.94 3809769.26 41.54396 (18122721) 371233.69
3809745.77 41.07366 (23011318)
  371236.45 3809722.27 40.85630 (23011318) 371250.25
3809819.16 36.76674 (20021720)
  371253.01 3809795.67 38.17595 (18122721) 371255.77
3809772.17 38.77186 (20011705)
  371258.52 3809748.68 36.79124 (22012919) 371261.28
3809725.19 34.41788 (21050320)
  371277.84 3809798.58 36.66468 (18122721) 371280.60
3809775.09 36.81131 (18122721)
  371283.35 3809751.59 35.58265 (22012919) 371286.11
3809728.10 33.19818 (21050320)
  371302.67 3809801.49 35.27883 (23090619) 371305.43
3809778.00 34.32764 (23090619)
  371308.18 3809754.51 33.51098 (22012919) 371310.94
3809731.01 30.59598 (21050320)
  371370.51 3809941.67 20.66490 (18022518) 371401.99
3809813.15 29.19821 (18122721)
  371404.74 3809789.65 30.15584 (18122721) 371407.50
3809766.16 29.78391 (18122721)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371410.26   3809742.67   29.46053 (23121720)   371476.46
3809936.74   24.71817 (22012523)
        371459.89   3809978.20   21.95112 (22021918)   371443.32
3810019.66   20.92313 (23121019)
        371504.06   3809801.31   25.20442 (23090619)   371506.82
3809777.81   23.92697 (18120319)
        371509.58   3809754.32   22.37418 (20031718)   371575.17
3809949.93   25.36065 (22122118)
        371566.57   3809971.43   25.42177 (20022319)   371557.98
3809992.92   23.40549 (20022319)
        371549.39   3810014.42   22.48051 (21011819)   371532.20
3810057.41   21.07761 (18122720)
        371523.61   3810078.91   24.14460 (21010618)   371603.38
3809812.96   24.48150 (23090619)
        371606.14   3809789.47   24.30161 (23090619)   371608.89
3809765.98   22.27360 (23090619)
        371667.50   3809979.05   20.80359 (20022719)   371651.39
3810019.36   22.95520 (18011419)
        371627.22   3810079.82   21.39505 (21011622)   371611.11
3810120.12   22.33039 (21010618)
        371702.70   3809824.62   18.30376 (23052921)   371705.46
3809801.12   17.70230 (21033121)
        371708.21   3809777.63   17.92291 (23020508)   371774.42
3809971.70   18.98377 (20022719)
        371757.85   3810013.16   20.97122 (21011018)   371716.41
3810116.81   20.80645 (21011622)
        371699.84   3810158.27   21.81684 (21120518)   371683.27
3810199.72   19.15142 (18102819)
        371802.02   3809836.27   16.18223 (23052921)   371804.78
3809812.78   15.94838 (23090619)

```
        371807.53   3809789.28       15.79863  (23090619)                371241.61
3809695.52       40.30144  (23011318)
        371238.97   3809652.85       39.25568  (18010223)                371236.33
3809610.18       35.82819  (22022008)
        371233.69   3809567.51       35.72350  (22022008)                371266.56
3809693.97       37.43605  (22121720)
        371263.92   3809651.30       36.47362  (18010223)                371261.28
3809608.63       35.84146  (18010223)
        371258.64   3809565.96       40.33398  (18010223)                371291.52
3809692.43       35.87909  (23011318)
        371288.88   3809649.76       36.24096  (18121018)                371286.24
3809607.09       37.19228  (18010223)
        371283.60   3809564.42       40.59812  (18010223)                371315.33
3809704.99       32.08277  (21050320)
        371315.15   3809669.55       33.24485  (18010718)                371312.51
3809626.88       34.67798  (23121702)
        371309.87   3809584.21       37.44765  (18121018)                371414.77
3809703.52       26.92345  (21050320)
        371414.96   3809663.37       24.74620  (21101107)                371412.32
3809620.70       26.02602  (21101107)
        371409.68   3809578.03       26.21779  (21101107)                371514.39
3809699.70       21.55858  (20031718)
        371514.77   3809657.20       21.12601  (21050320)                371512.13
3809614.53       21.31853  (21101107)
        371509.49   3809571.86       21.27312  (21101107)                371614.38
3809691.17       21.49669  (22122518)
        371611.36   3809728.80       21.04363  (23020508)                371611.94
3809608.35       19.15178  (21050320)
        371609.30   3809565.68       19.01414  (21101107)                371714.08
3809686.34       19.36754  (20031718)
        371710.84   3809726.66       19.12870  (23020508)                371707.79
3809538.17       17.44647  (21101107)
        371813.81   3809681.17       16.06181  (20031718)                371810.41
3809723.50       15.86501  (20031718)
        371807.01   3809765.83       15.70194  (21033121)                371814.19
3809638.67       16.10399  (20031718)
        371811.55   3809596.00       16.11588  (21050320)                371808.91
3809553.33       16.32253  (21050320)
        371220.42   3809538.97       38.81798  (22022008)                371200.28
3809503.49       45.50605  (22022008)
        371252.23   3809544.37       40.03518  (18010223)                371232.09
3809508.89       42.89371  (18010223)
        371273.97   3809532.04       42.90342  (18121018)                371253.84
3809496.56       44.86317  (18010223)
        371299.99   3809534.09       37.84749  (22021422)                371285.65
3809501.96       41.77656  (18121018)
        371265.51   3809466.48       41.95337  (20012220)                371387.82
3809487.61       26.62803  (22031907)
        371398.09   3809522.16       26.38317  (22031907)                371372.62
3809452.60       28.78915  (23071320)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371352.49	3809417.12	30.48116	(22021422)	371475.16	3809439.50	25.98673	(23071320)
371486.16	3809476.50	26.64642	(18010718)	371497.16	3809513.51	23.50951	(18010718)
371459.59	3809403.25	27.56607	(22021422)	371439.46	3809367.77	32.38637	(20012220)
371562.34	3809390.83	21.93615	(22031907)	371573.75	3809429.21	20.82964	(22040621)
371585.16	3809467.59	20.12032	(18010718)	371596.57	3809505.97	19.68047	(18010718)
371546.56	3809353.90	22.05761	(22031907)	371526.43	3809318.42	24.33753	(23071320)
371648.95	3809340.27	23.37248	(22021422)	371659.65	3809376.26	21.10127	(22031907)
371670.35	3809412.24	20.41560	(22040621)	371681.04	3809448.22	19.96820	(21101107)
371691.74	3809484.20	18.32793	(21101107)	371633.54	3809304.54	25.96370	(22021422)
371613.40	3809269.06	27.16133	(18121018)	371736.08	3809291.44	20.61987	(22031907)
371747.08	3809328.45	19.32331	(22040621)	371758.08			

3809365.46 18.18049 (22040621)
371769.09 3809402.46 17.12027 (18010718) 371780.09
3809439.47 16.77620 (18010718)
371791.09 3809476.48 16.41133 (23052721) 371802.09
3809513.49 16.31490 (23052721)
371720.51 3809255.19 21.91275 (22021422) 371700.38
3809219.71 24.85928 (22021422)
371213.90 3809479.62 49.60326 (23120518) 371371.98
3809566.64 30.00754 (18010718)
371468.70 3809592.05 22.54013 (21101107) 371479.88
3809549.49 22.16319 (18010718)
371565.41 3809617.46 21.12800 (21101107) 371576.59
3809574.90 19.71044 (21101107)
371662.13 3809642.86 18.73197 (20031718) 371673.31
3809600.30 18.12547 (21050320)
371758.85 3809668.27 17.25214 (20031718) 371770.03
3809625.71 17.17544 (20031718)
371231.90 3809459.40 45.82649 (22021318) 371348.34
3809595.09 32.57491 (22022621)
371438.82 3809641.46 25.55485 (21101107) 371240.09
3809428.48 38.31440 (22021318)
371246.85 3809388.73 35.45262 (23122117) 371264.74
3809432.67 36.35053 (22021318)
371271.50 3809392.92 32.29030 (23122117) 371286.01
3809456.74 37.56137 (22021422)
371292.76 3809416.99 31.84696 (22021318) 371299.52
3809377.24 30.08491 (22021318)
371304.23 3809475.64 38.29678 (22021422) 371314.03
3809441.05 31.90375 (22021422)
371320.79 3809401.30 29.24021 (22021318) 371409.24
3809477.68 26.29457 (22031907)
371416.00 3809437.93 30.71148 (22021422) 371422.75
3809398.18 32.66310 (22021422)
371511.21 3809474.56 24.93246 (18010718) 371517.96
3809434.81 22.83131 (22031907)
371598.70 3809528.85 19.42292 (21101107) 371544.72
3809652.49 21.73593 (21050320)
371613.17 3809471.43 21.09991 (21101107) 371619.93
3809431.68 21.75922 (18010718)
371688.94 3809564.74 17.80428 (21050320) 371708.38
3809508.06 17.68891 (21101107)
371715.14 3809468.31 17.99338 (21101107) 371788.17
3809580.02 16.50272 (21050320)
371813.72 3809485.07 16.16622 (23052721) 371225.14
3809339.67 39.11662 (21020408)
371181.23 3809340.45 50.84969 (18012621) 371137.32
3809341.23 47.41587 (21011404)
371244.09 3809323.38 35.97514 (21020408) 371269.18
3809352.56 32.36727 (23122117)
371202.74 3809315.07 41.46762 (18122017) 371158.83

3809315.85   49.95259 (21011404)
        371243.65   3809298.38   36.78230 (21020408)   371288.14
3809336.26   31.99922 (23122117)
        371202.29   3809290.07   37.48315 (18122017)   371158.38
3809290.85   43.90074 (18012621)
        371243.21   3809273.38   38.03400 (18122017)   371282.01
3809290.78   36.97849 (21020408)
        371307.10   3809319.96   31.26163 (23122117)   371318.48
3809360.94   29.46769 (22021318)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371201.85   3809265.08   35.53494 (21010617)   371157.94
3809265.86   38.11179 (21010617)
        371241.43   3809173.40   36.84460 (18012621)   371280.23
3809190.80   34.72513 (18121120)
        371319.03   3809208.19   34.74404 (20120419)   371357.84
3809225.59   34.30455 (20120418)
        371382.93   3809254.77   33.83900 (22021006)   371394.31
3809295.75   34.34223 (20010206)
        371405.68   3809336.72   34.28566 (18121018)   371200.07
3809165.09   37.83176 (18012621)
        371156.16   3809165.87   38.67271 (20091706)   371239.65
3809073.42   33.77692 (18012621)

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        371278.46   3809090.81       33.07192  (18012621)               371317.26
3809108.21       31.26937  (18012621)
        371356.06   3809125.60       31.26235  (20120419)               371394.86
3809143.00       30.94597  (20120419)
        371433.66   3809160.40       30.54514  (20012801)               371458.76
3809189.58       30.47387  (21122219)
        371470.13   3809230.55       30.99096  (20010206)               371481.51
3809271.53       31.12053  (18121018)
        371492.89   3809312.50       28.07684  (22021422)               371504.27
3809353.47       24.00778  (23071320)
        371515.65   3809394.44       22.47262  (22031907)               371198.30
3809065.11       34.05390  (20091706)
        371154.39   3809065.89       34.82484  (20091706)               371237.88
3808973.43       31.00613  (20091706)
        371276.68   3808990.83       28.72666  (21010617)               371315.48
3809008.22       29.54633  (18012621)
        371354.28   3809025.62       27.93567  (22021819)               371393.09
3809043.02       26.58666  (21120218)
        371431.89   3809060.41       28.26603  (20120419)               371470.69
3809077.81       28.26768  (20010221)
        371509.49   3809095.20       27.85726  (20012801)               371534.58
3809124.39       28.01448  (21122219)
        371545.96   3809165.36       28.34328  (20010206)               371557.34
3809206.33       28.35977  (20010206)
        371568.72   3809247.31       28.66504  (18121018)               371580.10
3809288.28       28.09134  (18121018)
        371591.48   3809329.25       26.12885  (22021422)               371602.86
3809370.22       23.93927  (22020120)
        371196.52   3808965.12       31.43431  (20091706)               371152.61
3808965.90       32.16266  (20091706)
        371236.10   3808873.45       28.83644  (20091706)               371274.90
3808890.84       28.49146  (18012621)
        371313.71   3808908.24       28.56316  (18012621)               371352.51
3808925.64       27.87992  (18012621)
        371391.31   3808943.03       24.56488  (20120917)               371430.11
3808960.43       24.50833  (23020119)
        371468.92   3808977.82       26.07098  (20120419)               371507.72
3808995.22       25.72166  (23122818)
        371546.52   3809012.62       25.59045  (21020408)               371585.32
3809030.01       25.75419  (21122219)
        371610.41   3809059.20       25.90378  (21122219)               371621.79
3809100.17       26.11500  (20010206)
        371633.17   3809141.14       26.30006  (20010206)               371644.55
3809182.11       26.48431  (18121018)
        371655.93   3809223.09       24.13163  (22021422)               371667.31
3809264.06       22.39693  (23071320)
        371678.69   3809305.03       21.89326  (23071320)               371690.07
3809346.01       21.32223  (20100721)
        371701.44   3809386.98       19.26229  (22040621)               371712.82
3809427.95       18.40808  (18010718)
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        371194.74   3808865.14       29.19195  (20091706)                371150.83
3808865.92       29.68596  (18010917)
        371234.32   3808773.46       26.86490  (20091706)                371273.13
3808790.86       26.68565  (20091706)
        371311.93   3808808.25       26.49611  (18012621)                371350.73
3808825.65       26.68503  (18012621)
        371389.53   3808843.05       25.01632  (21120704)                371428.34
3808860.44       23.05480  (20120917)
        371467.14   3808877.84       20.65396  (20123008)                371505.94
3808895.24       22.40230  (20120618)
        371544.74   3808912.63       20.34098  (20120618)                371583.55
3808930.03       23.05875  (21020408)
        371622.35   3808947.42       23.92789  (21020408)                371661.15
3808964.82       23.98382  (21122219)
        371686.24   3808994.00       24.14427  (21122219)                371697.62
3809034.98       24.20287  (20010206)
        371709.00   3809075.95       24.48130  (22021318)                371720.38
3809116.92       24.52830  (18121018)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                   PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371731.76   3809157.90       24.67141  (18121018)                371743.14
3809198.87       24.26309  (22021422)
        371754.52   3809239.84       22.50676  (22021422)                371765.89
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3809280.81 20.55031 (20100721)
371777.27 3809321.79 19.45121 (22040621) 371788.65
3809362.76 17.92701 (22040621)
371800.03 3809403.73 16.79543 (18010718) 371811.41
3809444.70 16.21043 (18010718)
371192.97 3808765.15 26.84875 (20091706) 371149.06
3808765.93 27.51623 (18020118)
371114.74 3809341.85 46.00920 (21020919) 371070.05
3809343.06 51.42833 (21011404)
371025.36 3809344.27 57.78176 (18020720) 371114.06
3809316.86 47.12260 (21011404)
371069.37 3809318.07 52.22017 (21011404) 371024.69
3809319.28 53.81087 (21120317)
371135.72 3809291.26 46.95429 (18012621) 371091.04
3809292.47 49.28440 (20091706)
371046.35 3809293.68 44.87007 (18013017) 371001.66
3809294.90 49.51841 (18013017)
371135.05 3809266.27 39.18741 (21010617) 371090.36
3809267.48 41.29567 (21010617)
371045.67 3809268.69 42.63921 (21010617) 371000.99
3809269.91 47.78051 (18013017)
371132.33 3809166.30 39.18083 (20091706) 371087.64
3809167.52 40.53898 (18121719)
371042.96 3809168.73 42.08917 (18121719) 370998.27
3809169.94 41.75796 (18020720)
371129.62 3809066.34 35.26172 (20091706) 371084.93
3809067.55 36.44749 (18121719)
371040.24 3809068.77 37.60276 (18121719) 370995.56
3809069.98 38.39123 (18121719)
371126.90 3808966.38 32.56874 (18010917) 371082.22
3808967.59 33.42088 (18121719)
371037.53 3808968.80 34.48959 (23122406) 370992.84
3808970.02 35.54566 (23122406)
371124.19 3808866.41 29.99779 (18020118) 371079.50
3808867.63 30.93658 (23122406)
371034.82 3808868.84 31.69568 (23122406) 370990.13
3808870.05 32.31529 (20013118)
371121.47 3808766.45 27.87398 (23122406) 371076.79
3808767.66 28.61275 (23122406)
371032.10 3808768.88 28.86406 (20013118) 370987.41
3808770.09 29.74379 (20013118)
371028.69 3809369.08 69.52070 (22022008) 371053.68
3809368.30 64.23645 (22022008)
371078.66 3809367.51 59.90744 (22022008) 371103.65
3809366.72 56.03922 (22022008)
371203.60 3809363.57 47.01419 (21122219) 371601.97
3809305.59 27.01906 (22021422)
370967.46 3809295.55 56.00465 (18020118) 371023.31
3809282.64 45.21718 (18013017)
370970.16 3809270.70 49.69191 (18013017) 371026.01

3809257.79   45.35488 (21120317)
        370991.61   3809247.88   47.81192 (20091706)   370954.11
3809243.81   50.60234 (18010917)
        371028.71   3809232.93   45.01701 (20091706)   371060.00
3809248.67   41.71116 (21010617)
        370994.31   3809223.03   46.80817 (18010917)   370956.81
3809218.95   48.92244 (18121719)
        371039.51   3809133.52   39.89300 (18020720)   371070.79
3809149.25   40.16676 (18121719)
        371155.65   3809204.78   40.57540 (18012621)   371168.94
3809237.18   39.17267 (21120704)
        371005.11   3809123.61   40.60189 (18121719)   370967.60
3809119.54   41.26186 (18020720)
        371050.30   3809034.10   36.23372 (18121719)   371159.81
3809089.17   35.47795 (20091706)
        371191.09   3809104.90   35.47628 (18012621)   371229.02
3809136.84   36.07224 (18012621)
        371255.60   3809201.63   36.66164 (18012621)   371268.89
3809234.03   37.11969 (20120419)
        371282.19   3809266.43   37.19556 (23122818)   371015.91
3809024.20   36.71029 (23122406)
        370978.40   3809020.12   37.20847 (23122406)   371062.14
3808935.21   32.92083 (23122406)
        371178.95   3808993.95   32.47235 (20091706)   371212.32
3809010.73   32.30303 (20091706)
        371245.69   3809027.51   32.33125 (18012621)   371279.06
3809044.30   32.09712 (18012621)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371302.84	3809069.97	31.82539	(18012621)	371331.19	3809139.09	31.83188	(18121120)
371345.37	3809173.65	32.91400	(20120419)	371026.70	3808924.78	33.31351	(23122406)
370989.20	3808920.71	33.95695	(23122406)	371072.72	3808835.68	30.27919	(23122406)
371105.65	3808852.25	30.10603	(23122406)	371171.52	3808885.37	29.95423	(20091706)
371204.45	3808901.93	29.89055	(20091706)	371237.38	3808918.49	29.67633	(20091706)
371270.32	3808935.05	29.58852	(18012621)	371303.25	3808951.62	29.27346	(18012621)
371336.18	3808968.18	27.31574	(21120704)	371376.11	3809001.79	25.29669	(23020119)
371404.09	3809070.00	27.80176	(21120218)	371418.08	3809104.11	29.71457	(20120419)
371037.50	3808825.37	30.52903	(23122406)	370999.99	3808821.29	30.89820	(20013118)
371083.37	3808736.20	27.48447	(23122406)	371181.31	3808785.45	27.34673	(20091706)
371213.96	3808801.87	27.65144	(20091706)	371246.61	3808818.28	27.53481	(20091706)
371279.25	3808834.70	27.29345	(21120317)	371311.90	3808851.12	27.24753	(18012621)
371344.55	3808867.54	25.99319	(21120704)	371377.19	3808883.96	23.90228	(21010617)
371409.84	3808900.37	22.28098	(18010118)	371449.42	3808933.70	24.55443	(23020119)
371477.16	3809001.31	26.78538	(20120419)	371491.03	3809035.12	27.00176	(23122818)
371504.89	3809068.93	27.59648	(20010221)	371048.30	3808725.95	27.35294	(22122318)
371010.79	3808721.88	27.40224	(21091404)	371130.62	3809235.69	38.36688	(21010617)
371235.07	3809238.10	38.79039	(18012621)	371226.97	3809208.93	38.68549	(18012621)
371323.33	3809182.18	33.70459	(20120419)	371427.78	3809184.59	31.23165	(20012801)
371524.13	3809157.83	28.54778	(20010206)	370932.62	3809258.34	53.03513	(20091706)
370899.12	3809241.05	55.76275	(23122406)	370927.34	3809227.48	51.49279	(18010917)
370938.80	3809205.26	48.50344	(18020720)	370983.77	3809200.33	46.12814	(18121719)

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        370950.27   3809183.05       43.73487  (18011720)                371096.95
3809194.28       41.05248  (20091706)
        371029.62   3809111.47       39.65122  (18121719)                370996.12
3809094.18       39.52125  (18121719)
        371087.13   3809036.94       35.48376  (18121719)                371133.75
3809094.27       36.14046  (20091706)
        371157.05   3809122.93       36.83618  (20091706)                371180.36
3809151.60       37.58346  (18120402)
        371041.98   3809005.32       35.42630  (23122406)                371204.51
3809036.03       33.03444  (20091706)
        371252.04   3809094.49       34.13392  (18012621)                371275.80
3809123.72       33.92837  (18012621)
        371299.56   3809152.95       32.81505  (18121120)                371121.34
3808933.74       31.79415  (18010917)
        371087.84   3808916.45       31.90526  (23122406)                371247.53
3808943.68       30.08506  (20091706)
        371327.87   3809042.49       30.21099  (18012621)                371350.82
3809070.73       29.56174  (18121120)
        371373.77   3809098.96       30.09500  (20120419)                371167.19
3808844.87       29.02664  (20091706)
        371133.69   3808827.58       28.99739  (18020118)                371317.93
3808885.00       28.00694  (18012621)
        371387.85   3808971.00       25.10068  (20120917)                371411.16
3808999.67       25.24368  (20120618)
        371434.46   3809028.33       27.25846  (20120419)                371457.77
3809057.00       28.10225  (20120419)
        371179.55   3808738.72       26.56191  (18020118)                370867.46
3809234.56       54.12623  (22020918)
        370843.15   3809230.50       54.92205  (22020918)                370895.89
3809213.95       49.78640  (18011720)
        370871.58   3809209.90       49.25510  (20022519)                370900.00
3809189.29       46.49114  (18011720)
        370875.69   3809185.24       46.39785  (22020918)                370918.81
3809169.52       42.81993  (22021003)
        370879.80   3809160.58       45.15842  (18011720)                370940.17
3809072.51       41.06550  (23122406)
1 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                  PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370896.26	3809061.94	43.16465	(20013118)	370959.07	3808974.69	36.11051	(20013118)
370937.02	3808967.36	37.00865	(20013118)	371012.28	3808888.26	32.61591	(23122406)
371051.48	3808901.29	32.36180	(23122406)	371011.93	3808784.04	29.73820	(20013118)
371053.94	3808798.00	29.64351	(23122406)	371095.94	3808811.96	29.33305	(23122406)
370945.62	3808766.03	31.02661	(20100402)	370921.31	3808761.97	31.57914	(20100402)
371008.43	3808678.78	26.45741	(18013017)	371030.48	3808686.10	26.47699	(18013017)
371052.54	3808693.43	26.56054	(22122318)	371074.59	3808700.76	26.76901	(23122406)
371096.64	3808708.09	27.11503	(23122406)	371118.69	3808715.42	27.13620	(23122406)
371140.75	3808722.75	26.84665	(23122406)	370986.38	3808671.45	26.60347	(20041001)
370962.07	3808667.39	26.86824	(20100402)	370937.76	3808663.34	27.07496	(20100402)
371339.04	3809255.16	35.71341	(20120418)	371439.04	3809255.16	32.22811	(20010206)
370908.89	3809261.42	58.42291	(18020118)	371333.84	3809341.70	30.02658	(23122117)
371397.80	3809452.69	29.06613	(22021422)	370889.69	3809134.21	45.96613	(20010417)
370883.21	3809090.99	45.68478	(20013118)	370876.73	3809047.77	43.94051	(18012819)
370914.42	3809130.50	44.51891	(23122406)	370907.93	3809087.28	43.16461	(23122406)
370898.21	3809022.45	41.43961	(20100402)	370942.38	3809148.40	42.37996	(18012819)
370935.90	3809105.18	42.57437	(23122406)	370926.17	3809040.35	40.14426	(20013118)
370965.18	3809161.78	41.63431	(18011720)	370950.90			

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3809036.65       38.11638  (23122406)
        371059.08   3809191.38       42.56604  (18010917)                371062.76
3809108.25       38.55299  (18121719)
        371151.92   3809028.59       33.84001  (20091706)                371259.17
3809141.21       35.12523  (18012621)
        371257.30   3809056.97       32.96797  (18012621)                371355.47
3809149.44       31.95672  (20120419)
        371338.65   3809298.98       35.88407  (22021318)                371349.71
3808998.92       27.01114  (22021819)
        371456.96   3809111.54       29.19031  (20010221)                371445.42
3809214.07       31.20582  (20010206)
        371436.20   3809296.10       32.76916  (18121018)                371431.58
3809337.12       33.32466  (18121018)
        371451.85   3809005.69       27.03779  (20120419)                370877.58
3809012.03       42.54391  (18012819)
        370881.83   3808989.54       41.08302  (18012819)                370890.34
3808944.56       39.49347  (20100402)
        370894.60   3808922.07       38.96405  (20100402)                370898.85
3808899.59       37.85535  (20100402)
        370914.91   3808949.21       37.64512  (20013118)                370919.16
3808926.72       36.89228  (20100402)
        370923.42   3808904.23       35.97663  (20100402)                370931.93
3808859.26       33.29770  (22122318)
        370930.96   3808998.84       38.48763  (20013118)                370943.73
3808931.37       35.45284  (20013118)
        370947.98   3808908.88       34.86802  (20013118)                370956.49
3808863.90       32.72078  (22122318)
        370955.53   3809003.48       37.05606  (23122406)                370968.29
3808936.02       34.67394  (20013118)
        370976.80   3808891.04       33.33879  (20013118)                371173.32
3808928.22       30.95948  (20091706)
        371267.32   3808969.30       29.84531  (18012621)                371344.30
3809100.33       30.54844  (18121120)
        371459.58   3809028.97       27.56680  (20120419)                370904.45
3808837.47       34.95576  (20100402)
        370892.30   3808816.40       35.67792  (20100402)                370880.14
3808795.33       37.13440  (21040306)
        370926.11   3808824.98       32.73228  (20100402)                370913.95
3808803.91       33.06031  (20100402)
        370901.80   3808782.84       33.55382  (20100402)                370950.67
3808829.62       31.96655  (22122318)
        370935.61   3808791.41       31.98153  (20100402)                370973.30
3808822.84       31.59839  (20013118)
        370977.18   3808845.70       31.96086  (20013118)                370969.42
3808799.99       31.06947  (20013118)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371056.04	3808750.02	28.12639	(23122406)	371158.18	3808791.46	27.75093	(18020118)
371162.05	3808814.32	28.25845	(18010917)	371142.66	3808700.05	26.56054	(23122406)
371130.50	3808678.98	26.38318	(23122406)	371118.35	3808657.91	25.91252	(23122406)
371233.16	3808672.93	24.70521	(20091706)	371237.04	3808695.79	25.21422	(20091706)
371240.92	3808718.64	25.69235	(20091706)	371244.80	3808741.49	26.09608	(20091706)
371264.19	3808855.76	28.05058	(20091706)	371229.28	3808650.08	24.27538	(18020118)
371217.12	3808629.01	24.24414	(18020118)	371204.97	3808607.94	24.20325	(18020118)
371319.78	3808622.96	23.38109	(21120317)	371323.66	3808645.82	23.70235	(21120317)
371327.54	3808668.67	24.05857	(21120317)	371331.42	3808691.52	24.38492	(21120317)
371335.29	3808714.38	24.68897	(21120317)	371339.17	3808737.23	24.97453	(21120317)
371343.05	3808760.09	25.36735	(18012621)	371346.93	3808782.94	25.72246	(18012621)
371315.90	3808600.11	23.06448	(20091706)	371303.74	3808579.04	22.75012	(20091706)
371291.59	3808557.97	22.38528	(20091706)	371406.40	3808572.99	22.07281	(21010617)

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        371410.28   3808595.85       22.34300  (21010617)               371414.16
3808618.70       22.57248  (21010617)
        371418.04   3808641.55       22.80940  (21120704)               371421.91
3808664.41       23.10356  (21120704)
        371425.79   3808687.26       23.33074  (21120704)               371429.67
3808710.12       23.50724  (21120704)
        371433.55   3808732.97       23.66120  (21120704)               371437.43
3808755.82       23.65285  (21120704)
        371441.31   3808778.68       22.93372  (21120704)               371445.19
3808801.53       21.93810  (18121619)
        371449.07   3808824.38       21.59191  (20120917)               371452.95
3808847.24       21.61398  (20120917)
        371464.58   3808915.80       23.12576  (20120618)               371402.52
3808550.14       21.78920  (21010617)
        371390.36   3808529.07       21.52038  (21010617)               371378.21
3808508.00       21.23125  (21120317)
        370877.65   3808756.30       35.22383  (21040306)               370874.81
3808731.98       33.72507  (21040306)
        370871.97   3808707.67       32.12889  (21040306)               370899.64
3808729.09       31.10813  (20100402)
        370896.80   3808704.77       29.99563  (21040306)               370924.47
3808726.19       30.04937  (20100402)
        370921.63   3808701.88       28.84516  (20100402)               370949.30
3808723.29       29.57537  (20100402)
        370946.47   3808698.98       28.73379  (20100402)               371255.79
3808761.45       26.35660  (20091706)
        371448.77   3808689.64       23.01322  (21120704)               371445.93
3808665.33       22.82844  (21120704)
        371443.09   3808641.02       22.59901  (21120704)               370845.48
3808685.63       31.25823  (21022722)
        370821.17   3808687.25       32.17776  (18033101)               370861.47
3808666.41       30.26557  (21040306)
        370859.81   3808641.46       29.18358  (21022722)               370903.95
3808669.24       28.07287  (21040306)
        370858.14   3808616.52       27.97152  (21040306)               370893.45
3808627.98       27.41958  (21040306)
        370874.19   3808524.10       23.97261  (21040306)               370914.54
3808537.20       23.75177  (20012907)
        370954.89   3808550.29       23.02337  (23120621)               370985.17
3808575.49       23.75897  (18013017)
        371005.38   3808612.79       24.95769  (18013017)               371025.59
3808650.09       25.78973  (18013017)
        370890.74   3808431.85       18.88250  (21040306)               370933.11
3808445.60       20.11488  (20041003)
        370975.48   3808459.35       21.08422  (20031303)               371017.85
3808473.10       22.07605  (18013017)
        371049.64   3808499.55       22.97147  (18013017)               371070.86
3808538.72       23.60808  (18013017)
        371092.08   3808577.88       24.15878  (18013017)               371113.29
3808617.05       24.39599  (18013017)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370994.36	3808367.85	19.95823	(20031303)	371016.09	3808374.90	20.01942	(20031303)
371037.82	3808381.95	20.54215	(18013017)	371059.54	3808389.00	21.04516	(18013017)
371081.27	3808396.05	21.38571	(18013017)	371113.88	3808423.19	21.93027	(18013017)
371124.76	3808443.27	22.14627	(18013017)	371135.64	3808463.36	22.23177	(18013017)
371146.52	3808483.44	22.35084	(18013017)	371157.40	3808503.52	22.65402	(18013017)
371168.28	3808523.61	22.74743	(18013017)	371179.16	3808543.69	22.85160	(18010817)
371190.04	3808563.78	23.31730	(23122406)	371200.92	3808583.86	23.94174	(18020118)
370924.23	3808247.48	19.63985	(21040306)	370946.29	3808254.64	19.04789	(20041003)
370968.36	3808261.80	18.33411	(20041003)	370990.43			

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3808268.96       17.16040  (20031303)
        371012.49   3808276.12       16.83642  (20031303)                371034.56
3808283.28       17.60061  (23032007)
        371056.63   3808290.44       18.95592  (18013017)                371078.70
3808297.60       18.99790  (18013017)
        371100.76   3808304.75       18.58333  (18013017)                371122.83
3808311.91       18.53906  (18013017)
        371144.90   3808319.07       19.25275  (18013017)                371178.01
3808346.63       20.61179  (18013017)
        371189.06   3808367.03       20.77111  (18013017)                371200.11
3808387.43       20.76385  (18013017)
        371211.16   3808407.83       20.81877  (18013017)                371222.21
3808428.23       21.14626  (18013017)
        371233.26   3808448.62       21.25052  (18010817)                371244.32
3808469.02       21.60397  (18010817)
        371255.37   3808489.42       21.80899  (18010817)                371266.42
3808509.82       22.11609  (18010817)
        371277.47   3808530.22       22.26859  (18010817)                370918.74
3808148.07       16.90506  (20041003)
        370941.04   3808155.31       16.70747  (20041003)                370963.34
3808162.54       17.17821  (20041003)
        370985.64   3808169.78       17.38364  (20041003)                371007.94
3808177.02       15.76872  (20031303)
        371030.24   3808184.25       14.97052  (20031303)                371052.53
3808191.49       14.93382  (23032007)
        371074.83   3808198.72       15.84588  (18013017)                371097.13
3808205.96       16.74563  (18013017)
        371119.43   3808213.19       17.24535  (18013017)                371141.73
3808220.43       17.45754  (18013017)
        371164.03   3808227.66       18.00201  (18013017)                371186.33
3808234.90       19.16215  (18013017)
        371208.63   3808242.13       19.23050  (18013017)                371242.09
3808269.98       19.17991  (18013017)
        371253.26   3808290.59       19.18951  (18013017)                371264.43
3808311.21       19.16995  (18013017)
        371275.59   3808331.82       19.27375  (18013017)                371286.76
3808352.43       19.69015  (18010817)
        371297.93   3808373.05       19.94800  (18010817)                371309.09
3808393.66       20.17277  (18010817)
        371320.26   3808414.27       20.35131  (18010817)                371331.43
3808434.89       20.38802  (18010817)
        371342.59   3808455.50       20.49140  (18010817)                371353.76
3808476.11       20.74058  (21120317)
        370807.24   3808111.90       17.38833  (21120318)                370782.93
3808113.52       18.39154  (18033101)
        370850.78   3808734.63       37.51218  (21040306)                370853.16
3808759.51       41.00176  (21040306)
        370861.00   3809110.37       49.47043  (20100402)                370826.58
3808651.51       30.78622  (18033101)
        370934.22   3808562.55       23.70838  (20020906)                370954.83
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3808592.62   23.68893 (20041001)
        370975.43   3808622.70   24.89708 (18013017)   370903.31
3808517.43   23.16574 (20012907)
        370971.99   3808481.43   21.75885 (20031303)   370992.59
3808511.51   22.41894 (20041001)
        371013.20   3808541.59   23.41323 (18013017)   371033.81
3808571.67   24.15931 (18013017)
        371054.41   3808601.74   24.75679 (18013017)   371075.02
3808631.82   24.98755 (18013017)
        371095.62   3808661.90   25.69942 (23122406)   371095.69
3808788.77   28.84452 (23122406)
        370930.77   3808421.27   19.11803 (20041003)   371009.75
3808400.31   20.30555 (20031303)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371030.36   3808430.39   21.36986 (18013017)   371050.96
3808460.47   22.27194 (18013017)
        371071.57   3808490.55   22.89506 (18013017)   371092.18
3808520.63   23.19384 (18013017)
        371112.78   3808550.71   23.64896 (18013017)   371133.39
3808580.78   23.76021 (18013017)
        371154.00   3808610.86   24.40967 (23122406)   371174.60
3808640.94   25.02719 (23122406)

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        371195.21   3808671.02       25.19143  (18020118)               371105.23
3808888.31       30.88325  (23122406)
        371015.19   3808978.74       35.34994  (23122406)               370958.24
3808325.12       18.82070  (20041003)
        370922.70   3808314.97       20.84457  (21040306)               370996.00
3808244.00       16.81123  (20031303)
        371047.52   3808319.20       19.51151  (18013017)               371068.12
3808349.28       20.42596  (18013017)
        371212.37   3808559.82       23.21723  (18020118)               371232.97
3808589.90       23.68939  (18020118)
        371253.58   3808619.98       23.58154  (20091706)               371274.18
3808650.06       24.11674  (20091706)
        371294.79   3808680.14       24.41559  (21120317)               371320.58
3808781.17       25.94131  (21120317)
        371114.77   3808987.86       33.35905  (18010917)               371089.04
3809013.69       34.71432  (18121719)
        370967.93   3808223.89       18.83578  (20041003)               371023.46
3808147.85       15.18778  (20031303)
        371074.98   3808223.04       15.75174  (18013017)               371095.58
3808253.12       17.04929  (18013017)
        371116.19   3808283.20       17.74057  (18013017)               371342.86
3808614.06       23.01634  (21120317)
        371363.47   3808644.14       23.41045  (21120317)               371384.07
3808674.22       23.60854  (21120317)
        371404.68   3808704.30       23.81897  (21120704)               371420.16
3808790.29       23.55939  (21120704)
        371394.44   3808816.12       25.03814  (21120704)               371291.53
3808919.47       29.04778  (18012621)
        371175.76   3809035.73       33.56521  (20091706)               371111.45
3809100.32       36.84680  (20091706)
        371085.72   3809126.15       38.57978  (18121719)               371021.41
3809190.74       44.10827  (18121719)
        370931.37   3809281.17       59.46018  (18010917)               370995.39
3808127.73       14.79285  (23120621)
        370822.83   3808712.19       34.63038  (18033101)               370847.14
3808710.57       33.61484  (21022722)
        370858.49   3808807.82       44.76813  (21040306)               370882.80
3808849.96       38.49349  (20100402)
        370848.76   3809029.87       47.36310  (18033101)               370868.21
3809159.53       45.37107  (21011424)
        370839.04   3809234.09       56.11980  (22020918)               370839.04
3809255.16       70.01610  (21020617)
        370887.66   3809263.27       62.78552  (23071506)               370937.91
3809289.20       60.78617  (23122406)
        370946.01   3809318.37       66.44011  (22022008)               371002.27
3809324.48       61.45638  (23122406)
        371003.70   3809369.87       79.30380  (22022008)               371137.76
3809366.23       52.28156  (21011404)
        371225.58   3809364.67       39.49293  (21020408)               371212.07
3809444.17       47.08282  (22021318)
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        371189.72   3809473.27       55.26209  (20010206)                371178.54
3809515.83       59.97104  (22022008)
        371208.74   3809569.05       43.27235  (22022008)                371216.66
3809697.06       42.44619  (22022008)
        371211.62   3809719.36       44.26056  (22022008)                371195.08
3809860.32       50.11435  (22022008)
        371186.45   3809871.82       57.31980  (22022008)                371200.11
3809894.84       46.76988  (22022008)
        371192.92   3810052.34       39.92895  (22111718)                371165.59
3810045.87       44.18727  (23040918)
        371154.09   3810042.27       46.94622  (23040918)                371154.09
3810059.53       37.81129  (22111718)
        371146.18   3810064.57       38.39811  (22011801)                371023.91
3810055.93       54.90499  (21122216)
        371015.28   3810023.57       64.81980  (21122216)                370757.81
3809977.54       73.30045  (21122216)
        370666.48   3810060.97       64.05162  (21122216)                370592.02
3810093.12       62.80778  (21122216)
        370548.02   3810093.97       62.36116  (21122216)                370528.56
3810117.66       52.15864  (21122216)
        370503.18   3810116.81       47.13700  (21122216)                370485.41
3810093.97       48.10024  (21122216)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370430.41   3810099.89       43.79191  (22022008)                370313.65
3810112.58       39.99865  (22022008)
        370298.42   3810126.97       33.55263  (22022008)                370223.96
3810150.66       32.40847  (22051802)
        370196.04   3810181.96       26.52888  (22051802)                370170.66
3810183.66       26.28244  (22051802)
        370135.12   3810190.42       26.92295  (22051802)                370108.05
3810175.19       32.56324  (23042824)
        370075.05   3810182.81       31.61064  (23042824)                369956.59
3810155.73       36.49653  (23123116)
        369907.52   3810133.74       43.27988  (23123116)                369878.75
3810142.20       30.78510  (23123116)
        369864.37   3810132.89       32.75293  (23123116)                369868.60
3810115.97       44.89503  (23123116)
        369829.68   3810091.43       47.95967  (23123116)                369822.06
3810071.12       33.35970  (23123116)
        369832.22   3810049.97       19.11191  (18101717)                369849.98
3810046.59       28.76798  (21020617)
        370020.05   3810114.27       39.35128  (22022008)                370020.05
3810077.05       24.52195  (22022008)
        370036.97   3810070.28       22.97749  (22022008)                370049.67
3810076.20       24.08028  (22022008)
        370079.28   3810067.74       23.29641  (22022008)                370097.05
3810031.36       19.95322  (22022008)
        370116.51   3810027.13       20.27179  (22022008)                370171.50
3810050.82       26.75659  (22022008)
        370186.73   3810037.28       29.04078  (21040224)                370218.04
3810033.05       27.12707  (22022008)
        370226.50   3810041.51       29.69084  (22022008)                370244.27
3810027.97       28.27159  (22022008)
        370289.11   3810031.36       33.12113  (22022008)                370324.65
3810044.89       43.88303  (22022008)
        370467.64   3810030.51       54.11635  (22022008)                370478.64
3810027.97       53.83956  (22022008)
        370489.64   3810000.90       46.25913  (22022008)                370531.10
3809993.28       54.60301  (22022008)
        370549.71   3809988.21       62.72825  (22022008)                370578.48
3809983.97       72.82959  (22022008)
        370638.56   3809975.51       72.95792  (22022008)                370652.94
3809970.44       75.33589  (22022008)
        370655.48   3809958.59       80.38470  (22022008)                370597.94
3809958.59       69.49590  (22022008)
        370524.33   3809960.28       57.10215  (21122216)                370494.72
3809938.29       58.56965  (21122216)
        370450.72   3809941.67       40.29176  (23123116)                370431.26
3809942.52       37.33450  (23123116)
        370427.03   3809924.75       42.85871  (23123116)                370430.41
3809906.13       50.21795  (23123116)
        370408.41   3809902.75       44.54964  (23123116)                370394.03
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3809710.68       58.89342  (23123116)
        370394.88   3809696.30       58.43235  (23123116)                370402.49
3809685.30       60.76209  (23123116)
        370426.18   3809701.38       70.64909  (23123116)                370426.18
3809625.23       60.97240  (23123116)
        370439.72   3809600.69       52.35502  (23123116)                370503.18
3809546.54       48.59338  (23123116)
        370698.63   3809431.47       57.00482  (21020617)                370715.55
3809438.24       70.22431  (22022008)
        370766.32   3809401.01       76.36977  (22022008)                370767.16
3809342.63       65.41253  (22022008)
        370734.16   3809307.09       56.29895  (23123116)                370739.24
3809271.55       57.39869  (21020617)
        370795.93   3809270.71       65.10257  (21020617)                370795.93
3809163.25       49.04375  (20040624)
        370797.62   3808929.73       42.41940  (18033101)                370806.93
3808880.65       44.21951  (18033101)
        370809.47   3808845.12       42.57163  (18033101)                370813.70
3808830.73       42.72550  (18033101)
        370789.16   3808796.89       37.39659  (23071506)                370801.01
3808766.43       36.99088  (23071506)
        370809.47   3808708.05       33.18017  (18033101)                370812.85
3808699.59       32.82624  (18033101)
        370848.39   3808709.74       33.47460  (21022722)

↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                    **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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        370593.91   3808386.59        9.16745  (18120208)                370612.21
3808366.84        8.72467  (18120208)
        370630.51   3808347.09        8.36209  (18120208)                370654.49
3808338.91        8.98258  (23013024)
        370681.31   3808336.52        8.73458  (23013024)                370708.13
3808334.12        9.30965  (23013024)
        370734.95   3808331.73        9.66743  (23112524)                370761.77
3808329.33        9.96918  (23112524)
        370788.60   3808326.94       10.22534  (23112524)                370815.42
3808324.55       10.29969  (23112524)
        370842.24   3808322.15       10.10148  (23112524)                370869.06
3808319.76        9.78905  (23112524)
        370895.88   3808317.36        9.37964  (23112524)                370354.64
3808507.50        8.22118  (21101524)
        370372.94   3808487.75        8.10342  (21101524)                370391.24
3808468.00        8.06878  (18120208)
        370409.54   3808448.25        7.96743  (18120208)                370427.84
3808428.50        8.12809  (18120208)
        370446.14   3808408.74        8.75380  (18120208)                370464.45
3808388.99        8.23566  (18120208)
        370482.75   3808369.24        7.97367  (18120208)                370501.05
3808349.49        8.42708  (18120208)
        370519.35   3808329.74        8.87346  (18120208)                370537.65
3808309.99        8.78417  (18120208)
        370555.95   3808290.24        8.65669  (18120208)                370574.25
3808270.49        8.45562  (18120208)
        370601.50   3808249.94        8.22887  (18120208)                370628.32
3808247.54        8.35069  (23013024)
        370655.14   3808245.15        8.57276  (23013024)                370681.96
3808242.75        8.74660  (23013024)
        370708.78   3808240.36        8.86513  (23013024)                370735.60
3808237.97        8.99649  (23112524)
        370762.42   3808235.57        9.30639  (23112524)                370789.24
3808233.18        9.54838  (23112524)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                   PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370816.06	3808230.78	9.73539	(23112524)	370842.88	3808228.39	9.67825	(23112524)
370869.70	3808226.00	9.52258	(23112524)	370896.52	3808223.60	9.57172	(23112524)
370923.34	3808221.21	9.29025	(23112524)	370261.77	3808470.40	7.77357	(21101524)
370280.08	3808450.65	7.61757	(21101524)	370298.38	3808430.90	7.50209	(18120208)
370316.68	3808411.15	7.59847	(18120208)	370334.98	3808391.39	7.78046	(18120208)
370353.28	3808371.64	7.88375	(18120208)	370371.58	3808351.89	8.04328	(18120208)
370389.88	3808332.14	8.00309	(18120208)	370408.19	3808312.39	7.75533	(18120208)
370426.49	3808292.64	7.97808	(18120208)	370444.79	3808272.89	8.19590	(18120208)
370463.09	3808253.14	8.15316	(18120208)	370481.39	3808233.39	7.97723	(18120208)
370499.69	3808213.63	7.81789	(18120208)	370517.99	3808193.88	7.61555	(18120208)
370536.30	3808174.13	7.46929	(18120208)	370557.44	3808160.17	7.36966	(18120208)
370584.26	3808157.77	7.46454	(23013024)	370611.08	3808155.38	7.69213	(23013024)
370637.90	3808152.98	7.90419	(23013024)	370664.72	3808150.59	8.07256	(23013024)
370691.54	3808148.20	8.22843	(23013024)	370718.36	3808145.80	8.29900	(23013024)
370745.18	3808143.41	8.40579	(23112524)	370772.00	3808141.01	8.03032	(23112524)
370798.82	3808138.62	7.63732	(23112524)	370825.64	3808136.22	7.55278	(23112524)
370852.46	3808133.83	7.79551	(23112524)	370879.28	3808131.44	7.74731	(23112524)
370906.10	3808129.04	6.88659	(23112524)	370932.92	3808126.65	6.30321	(23112524)
370959.74	3808124.25	6.20800	(20041008)	370784.73			

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3808704.46       14.52084  (20041008)
        370779.09   3808743.38       15.83504  (18072108)                370759.99
3808700.88       13.72132  (18072108)
        370754.35   3808739.80       14.72108  (18072108)                370735.25
3808697.29       13.25213  (18072108)
        370729.61   3808736.21       13.91879  (18072108)                370713.56
3808682.33       12.67762  (18072108)
        370707.68   3808713.17       13.03558  (18072108)                370702.04
3808752.09       13.59515  (18072108)
        370615.61   3808664.19       11.21487  (18072108)                370608.72
3808698.83       11.58723  (18072108)
        370603.08   3808737.75       11.88762  (18072108)                370517.15
3808647.96        9.44725  (18072108)
        370526.30   3808613.82        9.45974  (18072108)                370509.75
3808684.49        9.58341  (18072108)
        370504.11   3808723.41        9.53949  (18072108)                370418.49
3808632.48        8.32685  (21101524)
        370428.25   3808596.06        8.45077  (21101524)                370410.78
3808670.14        8.12354  (21101524)
        370405.14   3808709.06        7.87546  (21101524)                370319.72
3808617.38        7.96485  (21101524)
        370329.90   3808579.44        8.17167  (21101524)                370340.07
3808541.51        8.08826  (21101524)
        370311.82   3808655.80        8.36841  (21101524)                370306.18
3808694.72        8.77842  (21101524)
        370220.25   3808604.93        8.26272  (21101524)                370229.41
3808570.79        8.13467  (21101524)
        370238.56   3808536.65        8.04964  (21101524)                370247.72
3808502.51        7.88691  (21101524)
        370212.85   3808641.46        8.35539  (21101524)                370207.21
3808680.38        8.41122  (21101524)
        370771.79   3808772.60       16.35026  (18072108)                370748.49
3808763.53       15.14297  (18072108)
        370719.26   3808769.70       14.34884  (18072108)                370768.92
3808811.57       17.07767  (18072108)
        370793.46   3808845.41       20.67202  (20041008)                370744.13
3808814.76       16.11943  (20041008)
        370741.07   3808791.02       15.42359  (18072108)                370760.95
3808843.16       18.29278  (20041008)
        370721.61   3808823.70       16.47960  (18120208)                370740.71
3808857.84       17.82648  (20041008)
        370702.13   3808840.29       16.43099  (18120208)                370691.98
3808793.33       14.16415  (18120208)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370720.48	3808872.52	17.41778	(18120208)	370619.96	3808895.93	15.14278	(18120208)
370605.38	3808859.20	14.65252	(18120208)	370593.19	3808802.84	12.27217	(18072108)
370597.98	3808763.61	12.02248	(18072108)	370639.52	3808931.22	15.96708	(18120208)
370539.46	3808955.79	13.85368	(21101524)	370525.79	3808921.35	12.86053	(21101524)
370512.13	3808886.91	12.78509	(21101524)	370498.46	3808852.47	12.44819	(21101524)
370493.87	3808816.86	11.89161	(21101524)	370498.35	3808780.07	10.65654	(21101524)
370558.57	3808989.93	14.78122	(18120208)	370458.05	3809013.35	12.66904	(21101524)
370443.47	3808976.61	11.98098	(18120208)	370428.89	3808939.87	12.49149	(21101524)
370414.31	3808903.14	11.56782	(21101524)	370399.73	3808866.40	10.45832	(21101524)
370394.84	3808828.41	10.42997	(21101524)	370399.62	3808789.18	9.25299	(21101524)
370404.41	3808749.95	8.51253	(21101524)	370477.61	3809048.63	14.04158	(21101524)
370376.80	3809071.29	11.36698	(21101524)	370361.61	3809033.02	11.48496	(21101524)
370346.42	3808994.75	11.57157	(21101524)	370331.23	3808956.48	11.04081	(21101524)
370316.04	3808918.22	9.55780	(21101524)	370300.86	3808879.95	8.15090	(21101524)

370295.76 3808840.38 7.76255 (21101524) 370300.74
3808799.51 7.55588 (21101524)
370305.73 3808758.65 8.49652 (21101524) 370310.72
3808717.78 9.04253 (21101524)
370396.66 3809107.34 11.99961 (21101524) 370296.14
3809130.76 10.68805 (18030524)
370281.56 3809094.02 10.53767 (21101524) 370266.98
3809057.29 10.10453 (21012808)
370252.40 3809020.55 9.56366 (21101524) 370237.82
3808983.81 8.67409 (21101524)
370223.24 3808947.07 8.50870 (21101524) 370208.66
3808910.34 8.41603 (21101524)
370196.48 3808853.98 8.41115 (21101524) 370201.26
3808814.75 8.08414 (21101524)
370206.05 3808775.52 8.46266 (21101524) 370210.84
3808736.28 8.49958 (21101524)
370315.70 3809166.05 10.44582 (18123124) 370621.82
3808774.33 12.47312 (18072108)
370525.88 3808746.12 10.36932 (18072108) 370429.94
3808717.92 8.81629 (21101524)
370334.00 3808689.72 8.48989 (21101524) 370238.06
3808661.52 8.59717 (21101524)
370781.99 3808878.87 20.68838 (20041008) 370757.06
3808877.08 19.15050 (20041008)
370612.52 3808816.81 13.11350 (18120208) 370316.18
3808779.36 7.77506 (21101524)
370228.12 3808707.51 8.58735 (21101524) 370773.06
3808925.07 22.17702 (20041008)
370748.50 3808920.41 20.02909 (20041008) 370723.93
3808915.75 18.77209 (18120208)
370699.37 3808911.09 17.58295 (18120208) 370772.45
3808952.90 22.74290 (20041008)
370772.28 3808976.25 23.15001 (20041008) 370772.11
3808999.61 23.67041 (20041008)
370771.94 3809022.96 24.14384 (20041008) 370771.78
3809046.31 24.67963 (20041008)
370771.61 3809069.66 25.33458 (20041008) 370771.44
3809093.01 26.12368 (20041008)
370771.27 3809116.37 27.09390 (20041008) 370771.10
3809139.72 28.80204 (20041008)
370770.93 3809163.07 31.02528 (20041008) 370747.45
3808952.72 20.72381 (20041008)
370747.28 3808976.07 21.17143 (20041008) 370747.11
3808999.42 21.72347 (20041008)
370746.95 3809022.78 22.30974 (20041008) 370746.78
3809046.13 22.76178 (20041008)
370746.61 3809069.48 23.38479 (20041008) 370746.44
3809092.83 24.10313 (20041008)
370746.27 3809116.18 24.87157 (20041008) 370746.10
3809139.54 25.86162 (20041008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370722.28	3808975.89	19.82745	(18120208)	370722.11	3808999.24	20.40306	(18120208)
370721.95	3809022.60	20.96479	(18120208)	370721.78	3809045.95	21.39552	(20041008)
370721.61	3809069.30	21.89769	(20041008)	370721.44	3809092.65	22.46776	(20041008)
370721.27	3809116.00	23.10708	(20041008)	370721.10	3809139.36	23.79932	(20041008)
370720.93	3809162.71	24.77926	(20041008)	370697.45	3808952.36	18.40818	(18120208)
370697.28	3808975.71	18.78529	(18120208)	370697.12	3808999.06	19.31653	(18120208)
370696.95	3809022.41	19.73656	(18120208)	370696.78	3809045.77	20.18541	(18120208)
370696.61	3809069.12	20.54451	(18120208)	370696.44	3809092.47	21.11697	(20041008)
370696.27	3809115.82	21.93570	(20041008)	370696.10	3809139.17	22.25921	(20041008)
370695.93	3809162.53	23.02137	(20041008)	370599.37			

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3808910.37       15.09230  (18120208)
        370597.46   3808951.63       15.28675  (18120208)                370597.29
3808974.99       15.55048  (18120208)
        370597.12   3808998.34       15.83243  (18120208)                370596.95
3809021.69       16.12147  (18120208)
        370596.78   3809045.04       16.41332  (18120208)                370596.61
3809068.39       16.68302  (18120208)
        370596.44   3809091.75       16.95428  (18120208)                370596.27
3809115.10       17.22007  (18120208)
        370596.10   3809138.45       17.43724  (18120208)                370595.94
3809161.80       17.70787  (20041008)
        370499.38   3808909.65       12.69579  (21101524)                370497.46
3808950.91       13.52070  (21101524)
        370497.29   3808974.26       13.62854  (21101524)                370497.12
3808997.61       13.86344  (21101524)
        370496.95   3809020.97       13.84365  (21101524)                370496.61
3809067.67       14.14022  (21101524)
        370496.44   3809091.02       14.45010  (21101524)                370496.28
3809114.37       14.86572  (21101524)
        370496.11   3809137.73       14.70437  (18120208)                370495.94
3809161.08       14.77765  (18120208)
        370397.63   3808926.84       10.85895  (21101524)                370397.46
3808950.19       11.88723  (21101524)
        370397.29   3808973.54       12.20736  (21101524)                370397.12
3808996.89       11.83590  (21101524)
        370396.95   3809020.24       11.68410  (21101524)                370396.79
3809043.60       11.58135  (21101524)
        370396.11   3809137.00       13.45934  (21101524)                370395.94
3809160.36       13.69278  (21101524)
        370297.46   3808949.46        9.06967  (21101524)                370297.30
3808972.82        9.12462  (21101524)
        370297.13   3808996.17        8.98657  (21101524)                370296.96
3809019.52       10.16716  (21101524)
        370296.79   3809042.87       10.76482  (21101524)                370296.62
3809066.22       11.00346  (21101524)
        370201.83   3808882.40        8.53874  (21101524)                370197.47
3808948.74        8.49517  (21101524)
        370197.30   3808972.09        8.41490  (21101524)                370197.13
3808995.44        8.83314  (18030524)
        370196.96   3809018.80        9.18591  (18030524)                370196.79
3809042.15        9.18359  (18123124)
        370196.62   3809065.50        9.92148  (21012808)                370196.45
3809088.85        9.57421  (18123124)
        370196.28   3809112.20        9.75636  (18123124)                370196.11
3809135.56        9.94734  (21012808)
        370195.95   3809158.91       10.60625  (21012808)                370770.93
3809206.23       34.62029  (20041008)
        370770.93   3809249.22       38.56998  (20041008)                370745.93
3809206.23       29.73363  (20041008)
        370745.93   3809249.22       33.56454  (20041008)                370720.93
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3809206.23   27.04606 (20041008)
        370720.93   3809249.22   29.04809 (20041008)   370695.93
3809206.23   24.92449 (20041008)
        370695.93   3809249.22   26.19658 (20041008)   370595.93
3809184.74   18.35327 (20041008)
        370595.93   3809227.73   19.66430 (20041008)   370595.93
3809270.71   20.78076 (20041008)
        370495.93   3809184.74   15.19476 (18120208)   370495.93
3809227.73   16.68565 (21101524)
        370495.93   3809270.71   17.59733 (21101524)   370395.93
3809184.74   13.70274 (21012808)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370395.93   3809227.73   14.53844 (21101524)   370395.93
3809270.71   13.41107 (21101524)
        370295.93   3809184.74   10.47088 (18123124)   370295.93
3809227.73   10.81405 (18123124)
        370295.93   3809270.71   11.20062 (18123124)   370195.93
3809184.74   10.33310 (21012808)
        370195.93   3809227.73   10.15884 (18123124)   370195.93
3809270.71   9.60203 (18123124)
        370795.56   3809245.71   42.50907 (20041008)   370795.19
3809220.72   40.47561 (20041008)

370794.82 3809195.72 38.52440 (20041008) 370794.45
3809170.72 36.01764 (20041008)
370711.95 3809285.78 28.89804 (20041008) 370687.20
3809282.25 26.16797 (20041008)
370673.22 3809245.71 24.28202 (20041008) 370662.45
3809278.71 24.05261 (20041008)
370648.48 3809242.17 22.84164 (20041008) 370664.94
3809211.72 22.89667 (20041008)
370705.46 3809184.03 24.59063 (20041008) 370637.71
3809275.17 22.22280 (20041008)
370549.48 3809228.02 17.71184 (20041008) 370565.94
3809197.57 17.47945 (20041008)
370623.24 3809115.20 18.23806 (18120208) 370655.53
3809102.73 19.41382 (18120208)
370538.71 3809261.02 18.16773 (20041008) 370450.49
3809213.87 15.21281 (21101524)
370466.95 3809183.42 15.20123 (21101524) 370524.56
3809076.82 14.67511 (18120208)
370557.16 3809040.14 15.23931 (18120208) 370621.76
3809015.21 16.76856 (18120208)
370654.05 3809002.74 17.66116 (18120208) 370439.72
3809246.87 14.67670 (21101524)
370351.49 3809199.72 12.76976 (21101524) 370367.95
3809169.27 12.93327 (21101524)
370417.33 3809077.90 11.95023 (18120208) 370433.79
3809047.45 12.17938 (18120208)
370466.71 3808986.54 12.55608 (18120208) 370571.83
3808933.92 14.63001 (18120208)
370652.57 3808902.75 15.86028 (18120208) 370684.87
3808890.29 16.48227 (18120208)
370340.72 3809232.72 11.92675 (18123124) 370252.50
3809185.57 10.49336 (18123124)
370268.96 3809155.12 10.55867 (18123124) 370326.57
3809048.52 11.43144 (21101524)
370343.03 3809018.07 11.72180 (21101524) 370367.72
3808972.39 11.85665 (21101524)
370441.16 3808883.78 12.14277 (21101524) 370473.46
3808871.32 12.35817 (21101524)
370521.90 3808852.62 12.46195 (21101524) 370554.20
3808840.16 11.62510 (18072108)
370586.50 3808827.69 12.36775 (21101524) 370634.94
3808809.00 13.13061 (18072108)
370667.24 3808796.53 13.62833 (18120208) 370241.73
3809218.57 11.04876 (18123124)
370153.51 3809171.42 8.77883 (18123124) 370169.97
3809140.97 9.23724 (18123124)
370219.34 3809049.60 9.67944 (21012808) 370260.49
3808973.46 8.65506 (21101524)
370285.18 3808927.78 8.67079 (21101524) 370326.33
3808851.64 8.06244 (21101524)

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        370358.94   3808814.95        9.09847  (21101524)               370423.53
3808790.03        9.34295  (21101524)
        370455.83   3808777.56        9.78963  (21101524)               370552.72
3808740.17       10.92637  (18072108)
        370633.46   3808709.01       12.05639  (18072108)               370665.76
3808696.54       12.35783  (18072108)
        370142.74   3809204.42        8.61279  (18123124)               370715.84
3809324.10       33.79072  (20041008)
        370732.34   3809341.87       38.14307  (20041008)               370748.84
3809359.64       43.82379  (22120324)
        370691.09   3809320.56       29.94931  (20041008)               370714.02
3809358.88       36.20855  (20041008)
        370730.52   3809376.65       40.41743  (20012908)               370672.77
3809337.57       29.59686  (20041008)
        370695.70   3809375.89       35.04044  (20041008)               370712.20
3809393.66       39.18690  (20012908)
        370654.45   3809354.59       28.93597  (20041008)               370641.59
3809313.49       24.62391  (20041008)
        370677.38   3809392.90       34.40938  (20041008)               370693.88
3809410.67       38.87178  (20012908)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                   PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        370581.17   3809422.63       26.78911  (20012908)               370568.31
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3809381.53       22.57201  (20041008)
        370555.46   3809340.44       20.96479  (20041008)                370542.60
3809299.34       18.87064  (20041008)
        370604.10   3809460.95       34.24858  (20012908)                370507.30
3809488.80       26.35119  (20012908)
        370500.29   3809466.39       23.73008  (20012908)                370493.28
3809443.97       21.57057  (20012908)
        370486.27   3809421.55       19.83690  (20012908)                370479.25
3809399.14       18.45053  (20012908)
        370472.24   3809376.72       17.16567  (20012908)                370465.23
3809354.31       15.99677  (20012908)
        370458.22   3809331.89       15.00862  (20022624)                370451.20
3809309.47       14.31683  (18120208)
        370444.19   3809287.06       14.29752  (18120208)                370514.32
3809511.22       29.94701  (20012908)
        370530.82   3809528.99       36.53498c (20092408)                370434.18
3809557.35       25.64534  (21020624)
        370427.32   3809535.43       22.70278c (20092408)                370420.47
3809513.51       20.48404c (20092408)
        370413.61   3809491.59       18.76623  (20121108)                370406.75
3809469.67       17.41856  (20121108)
        370399.90   3809447.75       16.26734  (20121108)                370393.04
3809425.84       15.26465  (20121108)
        370386.18   3809403.92       14.58637  (18123124)                370379.33
3809382.00       14.24828  (18123124)
        370372.47   3809360.08       14.24215  (18123124)                370365.61
3809338.16       15.23222  (21012808)
        370358.76   3809316.25       15.49093  (21012808)                370351.90
3809294.33       14.77049  (21012808)
        370345.04   3809272.41       13.65069  (21012808)                370441.04
3809579.26       30.51959  (21012808)
        370360.61   3809624.48       21.25692c (20092408)                370353.47
3809601.64       19.60859  (21123024)
        370346.33   3809578.81       18.28218  (21123024)                370339.19
3809555.98       17.07082  (21123024)
        370332.04   3809533.15       16.02705  (21123024)                370324.90
3809510.32       15.08071  (21123024)
        370317.76   3809487.49       14.22109  (21123024)                370310.62
3809464.66       13.56840  (18123124)
        370303.47   3809441.82       13.84462  (18123124)                370296.33
3809418.99       16.87426  (21012808)
        370289.19   3809396.16       19.20843  (21012808)                370282.05
3809373.33       17.87693  (21012808)
        370274.90   3809350.50       14.28492  (21012808)                370267.76
3809327.67       11.68792  (18123124)
        370260.62   3809304.83       10.82444  (18123124)                370253.48
3809282.00       10.54139  (18123124)
        370246.33   3809259.17       10.44404  (18123124)                370367.76
3809647.31       23.20126c (20092408)
        370384.26   3809665.08       26.76301c (20092408)                370400.76
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3809682.85       31.77357c (20092408)
        370287.46   3809692.93       16.64395c (20092408)                370280.45
3809670.52       15.86292c (20092408)
        370273.44   3809648.10       15.10433c (20092408)                370266.42
3809625.69       14.45684  (21123024)
        370259.41   3809603.27       13.89840  (21123024)                370252.40
3809580.85       13.35876  (21123024)
        370245.39   3809558.44       12.83208  (21123024)                370238.37
3809536.02       13.25024  (21012808)
        370231.36   3809513.60       17.22433  (21012808)                370224.35
3809491.19       17.71247  (21012808)
        370217.34   3809468.77       12.44499  (21012808)                370210.32
3809446.35       12.29076  (21012808)
        370203.31   3809423.94       15.13466  (21012808)                370196.30
3809401.52       11.52851  (21012808)
        370189.29   3809379.11        9.86257  (18123124)                370182.27
3809356.69        9.59597  (18123124)
        370175.26   3809334.27        9.43381  (18123124)                370168.25
3809311.86        9.26341  (18123124)
        370161.23   3809289.44        9.08978  (18123124)                370154.22
3809267.02        8.92679  (18123124)
        370147.21   3809244.61        8.77539  (18123124)                370294.48
3809715.35       17.43454c (20092408)
        370310.98   3809733.12       18.95950c (20092408)                370327.48
3809750.89       20.73512c (20092408)
        370741.32   3809400.65       48.29796c (22120408)                370266.37
3809393.82       19.67591  (21012808)
        370166.66   3809372.92        9.26418  (18123124)                370571.99
3809171.50       17.02439  (18120208)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370538.15	3809196.32	16.38836	(18120208)	370436.80	3809022.62	12.13077	(18120208)
370864.14	3809066.86	30.95221	(20041008)	370901.29	3808974.02	24.71344	(20041008)
370938.44	3808881.18	20.43188	(20041008)	370666.40	3809421.43	36.35404	(20012908)
370646.86	3809432.94	35.45090	(20012908)	370627.31	3809444.45	34.68853	(20012908)
370568.68	3809478.97	32.30082	(20012908)	370549.13	3809490.48	31.44151	(20012908)
370490.50	3809525.00	29.45338	(20012908)	370653.72	3809399.89	32.25272	(20041008)
370634.17	3809411.40	31.23365	(20041008)	370614.63	3809422.90	30.44622	(20041008)
370575.54	3809445.92	28.67656	(20012908)	370555.99	3809457.42	28.04250	(20012908)
370536.45	3809468.93	27.27591	(20012908)	370477.81	3809503.45	24.94091	(20012908)
370676.77	3809361.76	31.56512	(20041008)	370641.03	3809378.35	29.32898	(20041008)
370621.49	3809389.85	28.25810	(20041008)	370601.94	3809401.36	27.14327	(20041008)
370543.31	3809435.88	24.56136	(20012908)	370523.76	3809447.39	24.01471	(20012908)
370465.13	3809481.91	21.92366	(20012908)	370628.35	3809356.80	26.74359	(20041008)
370608.81	3809368.31	25.43565	(20041008)	370550.17	3809402.83	22.66128	(20012908)
370530.63	3809414.34	22.04357	(20012908)	370511.08	3809425.84	21.29867	(20012908)
370452.45	3809460.37	19.43116	(20121108)	370618.74	3809252.35	21.37040	(20041008)
370558.07	3809282.14	19.29232	(20041008)	370518.98	3809305.15	20.06780	(20041008)
370499.44	3809316.66	19.24677	(20041008)	370440.80	3809351.18	14.88610	(20012908)
370421.26	3809362.68	14.58556	(22011524)	370401.71	3809374.19	14.34274	(22011524)
370632.76	3809145.87	19.01189	(20041008)	370654.34	3809139.10	19.87561	(20041008)
370546.43	3809172.95	16.26313	(18120208)	370370.52	3809276.51	14.59924	(21012808)

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        370560.44   3809066.46       15.61809  (18120208)                370625.19
3809046.16       17.35537  (18120208)
        370646.78   3809039.39       18.00465  (18120208)                370456.60
3809109.79       13.94417  (21101524)
        370437.06   3809121.29       14.18609  (21101524)                370339.33
3809178.83       10.84122  (18123124)
        370319.79   3809190.34       10.70115  (18123124)                370574.46
3808959.98       14.97670  (18120208)
        370794.94   3808953.51       25.77566  (20041008)                370862.01
3808963.82       27.61759  (20041008)
        370347.23   3809058.13       11.50399  (21101524)                370249.51
3809115.67       11.39878  (21012808)
        370545.31   3808867.04       11.80651  (21101524)                370566.89
3808860.27       12.14922  (18072108)
        370631.64   3808839.96       14.80298  (18120208)                370675.58
3808836.63       15.95281  (18120208)
        370899.16   3808870.97       22.10513  (20041008)                370374.68
3808925.93       10.28128  (21101524)
        370355.13   3808937.44       10.72196  (21101524)                370471.09
3809541.06       29.64689  (20012908)
        370454.86   3809522.04       24.32434  (20012908)                370407.26
3809562.65       22.79988c (20092408)
        370391.04   3809543.64       20.03236  (21123024)                370390.67
3809511.08       18.36444  (21123024)
        370357.49   3809407.94       13.93723  (18123124)                370325.76
3809435.01       13.88025  (18123124)
        370322.63   3809308.23       12.54306  (18123124)                370292.58
3809331.87       12.76690  (18123124)
        370244.99   3809372.48       14.80752  (21012808)                370271.89
3809222.05       10.69647  (18123124)
        370221.16   3809135.88       11.13691  (21012808)                370115.17
3809220.34        8.29636  (18123124)
        370127.89   3809080.01        8.26016  (18123124)                370156.25
3809059.81        8.54854  (18123124)
        370097.85   3809103.66        8.55379  (18123124)                370066.12
3809130.73        8.00457  (18123124)
        370417.83   3809588.61       26.81933  (21020624)                370404.29
3809613.15       26.95013c (20092408)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370389.17	3809588.81	22.62329c	(20092408)	370374.05	3809564.46	19.79652	(21123024)
370359.71	3809543.13	17.89510	(21123024)	370272.16	3809494.82	12.81197	(21123024)
370287.25	3809476.31	13.35771	(18123124)	370257.84	3809516.34	12.69028	(21123024)
370185.54	3809445.35	9.95681	(21123024)	370219.51	3809403.71	18.69731	(21012808)
370170.28	3809468.03	9.83805	(21123024)	370097.73	3809397.36	8.06340	(21123024)
370114.20	3809377.17	8.15454	(21123024)	370130.67	3809356.98	8.50312	(18123124)
370147.14	3809336.79	8.87536	(18123124)	370082.72	3809419.72	7.97733	(21123024)
370010.65	3809348.46	6.75577	(21123024)	370028.07	3809327.11	6.83570	(21123024)
370045.49	3809305.76	7.39982	(18123124)	370062.91	3809284.40	8.27356	(18123124)
370080.33	3809263.05	8.68826	(18123124)	370097.75	3809241.69	8.45243	(18123124)
369995.17	3809371.41	6.75550	(18120424)	369922.87	3809300.42	5.82306	(21123024)
369939.86	3809279.60	10.45902	(21012808)	369956.84	3809258.78	12.29882	(21012808)
369973.83	3809237.96	11.66503	(21012808)	369990.81	3809217.14	12.52415	(21012808)
370007.80	3809196.32	12.27228	(21012808)	370024.78	3809175.50	9.82062	(21012808)
370041.77	3809154.68	8.00480	(18123124)	369907.61	3809323.10	5.81279	(18120424)
370401.18	3809644.27	28.97210c	(20092408)	370376.18	3809701.38	26.76149c	(20092408)
370351.18	3809663.31	21.65920c	(20092408)	370351.18			

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3809701.38       22.75948c (20092408)
        370330.33   3809609.13       18.00027  (21123024)                370326.18
3809644.27       18.58723c (20092408)
        370326.18   3809682.34       19.51543c (20092408)                370230.33
3809609.13       12.97911  (18120424)
        370226.18   3809644.27       13.12104  (18120424)                370226.18
3809682.34       13.30006c (20092408)
        370130.85   3809607.11       10.33736  (18120424)                370140.18
3809570.88       10.34254  (18120424)
        370149.51   3809534.65       10.22058  (18120424)                370158.84
3809498.42        9.91123  (18120424)
        370126.18   3809644.27       10.30792  (18120424)                370126.18
3809682.34       10.25196  (18120424)
        370030.70   3809607.66        8.47622  (18120424)                370039.75
3809572.53        8.60691  (18120424)
        370048.80   3809537.39        8.60342  (18120424)                370057.85
3809502.26        8.47495  (18120424)
        370066.90   3809467.13        8.28293  (18120424)                370026.18
3809644.27        8.33242  (18120424)
        370026.18   3809682.34        8.21880  (18120424)                369930.62
3809607.98        7.03501  (18120424)
        369939.51   3809573.47        7.17008  (18120424)                369948.40
3809538.96        7.24531  (18120424)
        369957.29   3809504.46        7.24611  (18120424)                369966.18
3809469.95        7.17728  (18120424)
        369975.06   3809435.44        7.09808  (18120424)                369983.95
3809400.94        6.93680  (18120424)
        369926.18   3809644.27        6.91041  (18120424)                369926.18
3809682.34        6.79194  (18120424)
        369830.85   3809607.11        6.02451  (18120424)                369840.18
3809570.88        6.16700  (18120424)
        369849.51   3809534.65        6.28759  (18120424)                369858.84
3809498.42        6.35013  (18120424)
        369868.18   3809462.19        6.33750  (18120424)                369877.51
3809425.95        6.26756  (18120424)
        369886.84   3809389.72        6.15340  (18120424)                369896.17
3809353.49        5.98488  (18120424)
        369826.18   3809644.27        5.89968  (18120424)                369826.18
3809682.34        5.73643  (18120424)
        370416.53   3809664.61       35.87969c (22120408)                370269.95
3809550.81       13.65575  (21123024)
        370291.25   3809537.01       14.27867  (21123024)                370355.13
3809495.60       15.96470  (21123024)
        370378.19   3809491.29       16.88289  (21123024)                370187.72
3809493.92       10.46738  (21123024)
        370240.95   3809459.41       17.36311  (21012808)                370262.24
3809445.61       15.74569  (21012808)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370326.12	3809404.20	13.99148	(18123124)	370409.52	3809403.37	15.31126	(22011524)
370434.36	3809408.55	16.52653	(20012908)	370459.20	3809413.74	17.97936	(20012908)
370084.65	3809450.52	8.33658	(18120424)	370106.87	3809436.12	8.46428	(21123024)
370129.09	3809421.72	8.73423	(21123024)	370151.31	3809407.32	8.98208	(21123024)
370217.96	3809364.11	11.12473	(18123124)	370240.18	3809349.71	11.45627	(18123124)
370380.90	3809302.92	13.29533	(18123124)	370406.82	3809308.33	13.23614	(18123124)
370523.46	3809332.69	19.26603	(20041008)	370588.26	3809346.22	21.86981	(20041008)
370013.33	3809386.55	7.02890	(18120424)	370035.36	3809372.27	7.12381	(21123024)
370057.38	3809358.00	7.30968	(21123024)	370079.41	3809343.72	7.53168	(18123124)
370101.44	3809329.44	8.01672	(18123124)	370123.47	3809315.16	8.44033	(18123124)
370222.59	3809250.91	10.30471	(18123124)	370374.94	3809207.21	13.80606	(21012808)
370426.33	3809217.94	15.17636	(21101524)	370529.12	3809239.41	17.10982	(20041008)

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        370567.66   3809247.45       19.03398  (20041008)               369930.96
3809329.74        5.98470  (21123024)
        369952.87   3809315.54       11.23265  (21012808)               369974.77
3809301.35        8.32421  (21012808)
        369996.67   3809287.15        7.43034  (21012808)               370018.57
3809272.95       11.44681  (21012808)
        370040.47   3809258.76       12.86116  (21012808)               370062.37
3809244.56       12.16666  (21012808)
        370305.12   3809098.16       10.70914  (21101524)               370330.67
3809103.50       10.57383  (18030524)
        370356.22   3809108.83       10.80780  (18030524)               370471.19
3809132.84       14.50584  (21101524)
        370522.29   3809143.51       15.22069  (18120208)               370547.84
3809148.85       15.98467  (18120208)
        370650.03   3809170.19       20.49671  (20041008)               370675.58
3809175.52       22.15619  (20041008)
        370319.16   3809706.25       19.31673c (20092408)               370303.85
3809664.90       17.31188c (20092408)
        370199.63   3809671.75       12.31978  (18120424)               370194.38
3809698.88       12.24673c (20092408)
        370099.80   3809665.85        9.69347  (18120424)               370094.55
3809692.98        9.48513  (23122408)
        370000.27   3809659.10        7.88353  (18120424)               369994.73
3809687.08        7.70173  (18120424)
        369900.38   3809653.38        6.58764  (18120424)               369909.64
3809626.54        6.75907  (18120424)
        369894.90   3809681.18        6.43661  (18120424)               369800.51
3809647.59        6.98871  (23121424)
        369809.69   3809620.99        5.81612  (18120424)               369795.08
3809675.28        5.68584  (21012808)
        370370.90   3809736.56       26.71553c (20092408)               370372.69
3809760.56       27.44033c (20092408)
        370374.49   3809784.57       27.86525c (20092408)               370376.29
3809808.58       27.82373c (20092408)
        370378.09   3809832.59       27.23263c (20092408)               370379.88
3809856.60       26.35858c (20092408)
        370381.68   3809880.61       25.57116c (20092408)               370383.48
3809904.62       25.03122c (20092408)
        370347.76   3809762.43       23.23423c (20092408)               370349.56
3809786.44       23.51611c (20092408)
        370351.36   3809810.45       23.56518c (20092408)               370353.16
3809834.46       23.39457c (20092408)
        370354.95   3809858.47       23.10003c (20092408)               370356.75
3809882.47       22.82765c (20092408)
        370358.55   3809906.48       22.68719c (20092408)               370324.63
3809788.31       20.63514c (20092408)
        370326.43   3809812.31       20.76416c (20092408)               370328.23
3809836.32       20.77883c (20092408)
        370330.02   3809860.33       20.73322c (20092408)               370331.82
3809884.34       20.71291c (20092408)
```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370306.89	3809886.21	19.02521c	(20092408)	370308.69	3809910.22	19.26987c	(20092408)
370194.59	3809725.61	12.47710c	(20092408)	370196.39	3809749.62	12.73440c	(20092408)
370198.18	3809773.63	13.00182c	(20092408)	370199.98	3809797.64	15.08910	(23121424)
370201.78	3809821.65	26.02657	(21020508)	370203.58	3809845.66	29.44593	(21020508)
370205.37	3809869.66	27.35619	(21020508)	370207.17	3809893.67	16.67355	(21020508)
370208.97	3809917.68	14.89571c	(20092408)	370094.87	3809733.08	9.75904c	(20092408)
370096.66	3809757.09	9.96588c	(20092408)	370098.46	3809781.10	10.18261c	(20092408)
370100.26	3809805.10	10.41453c	(20092408)	370102.06			

```
3809829.11       10.66404c (20092408)
        370103.85   3809853.12       11.02017  (23122408)                370105.65
3809877.13       11.43292  (23122408)
        370107.45   3809901.14       11.84550  (23122408)                370109.25
3809925.15       12.16809c (20092408)
        369995.01   3809722.72        7.85841c (20092408)                369996.94
3809764.55        8.14563c (20092408)
        369998.74   3809788.56        8.34180c (20092408)                370000.54
3809812.57        8.55881c (20092408)
        370002.34   3809836.58        8.80411c (20092408)                370004.13
3809860.59        9.08546c (20092408)
        370005.93   3809884.60        9.41910c (20092408)                370007.73
3809908.61        9.81798c (20092408)
        370009.53   3809932.61       10.30794c (20092408)                369895.25
3809725.73        6.53601c (20092408)
        369897.22   3809772.02        6.81017c (20092408)                369899.02
3809796.03        6.96691c (20092408)
        369900.82   3809820.04        7.14894c (20092408)                369902.62
3809844.04        7.36411c (20092408)
        369904.41   3809868.05        7.61894c (20092408)                369906.21
3809892.06        7.93248c (20092408)
        369908.01   3809916.07        8.32872c (20092408)                369909.81
3809940.08        8.84870c (20092408)
        369795.55   3809735.43        5.53637c (20092408)                369797.50
3809779.48        6.13724  (21012808)
        369799.30   3809803.49        6.14664  (21012808)                369801.10
3809827.50        6.49526  (21012808)
        369802.89   3809851.51        8.13703  (22020708)                369804.69
3809875.52        8.94067  (21020508)
        369806.49   3809899.53        6.94522  (21012808)                369808.29
3809923.54        6.75987c (20092408)
        369810.08   3809947.55        7.01166c (20092408)                370404.61
3809927.46       26.71575c (20092408)
        370386.26   3809944.44       24.90542c (20092408)                370422.82
3809955.55       28.33761c (20092408)
        370382.47   3809969.15       25.22779c (20092408)                370346.78
3809938.57       21.93324c (20092408)
        370419.02   3809980.26       28.63148c (20092408)                370373.82
3809991.28       26.08716c (20092408)
        370326.23   3809950.51       20.93468c (20092408)                370415.22
3810004.97       30.74204c (20092408)
        370252.83   3810018.42       21.78318c (20092408)                370235.28
3809978.13       17.80430c (20092408)
        370400.04   3810103.81       34.48288c (22120408)                370343.45
3810188.96       16.71450  (21020824)
        370304.63   3810168.34       19.32573c (22101308)                370265.82
3810147.72       25.43451  (18121408)
        370161.88   3810046.04       20.47348  (22011708)                370144.34
3810005.74       15.89714c (20092408)
        370126.79   3809965.44       13.63136c (20092408)                370384.85
```

3810202.65   16.89014 (21020824)
        370328.26   3810287.80   13.67020 (21020824)   370289.45
3810267.18   13.46950 (21020824)
        370250.64   3810246.56   13.14343 (21020824)   370211.82
3810225.94   13.92326c (22101308)
        370173.01   3810205.32   15.72811c (22120408)   370062.16
3810053.50   16.79350c (22120408)
        370044.62   3810013.21   13.64918c (20092408)   370027.07
3809972.91   11.68489c (20092408)
        370369.67   3810301.49   13.89746 (21020824)   370313.08
3810386.64   11.61993 (21020824)
        370274.26   3810366.02   11.47243 (21020824)   370235.45
3810345.40   11.26881 (21020824)
        370196.64   3810324.78   10.96185 (21020824)   370157.83
3810304.16   10.58503 (21091524)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370119.01   3810283.54   10.94694c (22101308)   370080.20
3810262.92   11.64922c (22101308)
        370032.62   3810222.15   14.22087c (22120408)   370015.07
3810181.86   23.11531c (22120408)
        369971.21   3810081.12   24.04446c (22120408)   369953.67
3810040.82   15.57407c (20092408)

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        369936.12   3810000.52       11.66711c (20092408)                370354.48
3810400.33       11.64583  (21020824)
        370297.89   3810485.48       10.30537  (21020824)                370259.08
3810464.86       10.45451  (21020824)
        370220.27   3810444.24       10.21091  (21020824)                370181.45
3810423.62        9.87550  (21020824)
        370142.64   3810403.00        9.43147  (21020824)                370103.83
3810382.38        8.91872  (21020824)
        370065.02   3810361.76        8.80223  (22100724)                370026.20
3810341.14        8.91514  (21091524)
        369987.39   3810320.52        9.04616  (21091524)                369959.21
3810290.06        9.34430  (23122108)
        369941.67   3810249.77       10.76512  (23122108)                369924.12
3810209.47       12.52706  (23122108)
        369906.58   3810169.18       15.17070  (23122108)                369845.17
3810028.14       11.64528  (21020624)
        369827.63   3809987.84        8.17969c (20092408)                370339.30
3810499.17        9.96556  (21020824)
        370405.81   3809901.66       27.71669c (20092408)                370233.63
3809870.41       22.22105  (21020508)
        370135.23   3809852.55       11.78813  (23122408)                370036.84
3809834.69        9.38673c (20092408)
        369938.45   3809816.83        7.64328c (20092408)                369840.06
3809798.97        6.27274c (20092408)
        370358.30   3809959.89       23.22529c (20092408)                370232.02
3809954.66       16.63364c (20092408)
        370231.13   3809921.84       15.76269c (20092408)                370133.76
3809941.48       13.14113c (20092408)
        370132.81   3809906.33       12.52850  (23122408)                370035.93
3809944.46       11.03893c (20092408)
        370034.94   3809908.00       10.28170c (20092408)                370033.96
3809871.54        9.73857c (20092408)
        369938.77   3809972.17       10.32764c (20092408)                369937.85
3809937.99        9.27138c (20092408)
        369936.92   3809903.81        8.58617c (20092408)                369935.99
3809869.63        8.10991c (20092408)
        369840.48   3809958.22        7.80108c (20092408)                369839.53
3809923.06        7.27480c (20092408)
        369838.58   3809887.90        6.88385c (20092408)                369837.63
3809852.74        6.57794c (20092408)
        370451.81   3809966.65       31.41070c (20092408)                370452.90
3809991.62       32.43194c (20092408)
        370434.53   3810017.45       35.03951c (22120408)                370403.31
3810032.38       38.09374c (22120408)
        370343.23   3809979.84       23.31084c (20092408)                370421.52
3810136.59       23.73078c (22120408)
        370384.60   3810125.10       26.37921c (22120408)                370347.67
3810113.62       31.04921c (22120408)
        370459.45   3810141.48       23.11591c (20092408)                370426.73
3810236.75       16.44490  (21020824)
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        370391.48   3810225.79       16.33162  (21020824)                370356.23
3810214.83       16.00727  (21020824)
        370320.98   3810203.86       15.86908  (21020824)                370285.74
3810192.90       17.09735  (21020824)
        370240.39   3810166.49       20.71996  (18013008)                370463.81
3810241.38       16.46748  (21020824)
        370430.25   3810336.40       13.16083  (21020824)                370393.33
3810324.91       13.42676  (21020824)
        370301.01   3810296.20       13.03314  (21020824)                370264.08
3810284.71       12.66702  (21020824)
        370227.16   3810273.23       12.24615  (21020824)                370179.65
3810245.56       12.80630c (22101308)
        370147.92   3810197.00       17.27255c (22120408)                370468.18
3810341.29       12.92002  (21020824)
        370435.13   3810436.46       10.99220  (21020824)                370399.23
3810425.29       11.27591  (21020824)
        370255.62   3810380.63       11.06345  (21020824)                370219.72
3810369.47       10.74233  (21020824)
        370183.82   3810358.30       10.34251  (21020824)                370147.92
3810347.13        9.90485  (21020824)
        370119.69   3810325.81        9.85064  (21091524)                370099.12
3810294.34       10.48983  (21091524)
        370057.98   3810231.40       13.58956c (22101308)                370037.41
3810199.93       18.40915c (22120408)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3810559.00   7.94552 (21041308)
        370611.71   3810558.43   7.89473 (21041308)   370636.30
3810158.59   21.38232c (20092408)
        370636.30   3810258.59   14.44981 (21041308)   370636.30
3810358.59   11.34915 (21041308)
        370636.30   3810458.59   9.43635 (21041308)   370636.30
3810558.59   7.81742 (21041308)
        370628.50   3809965.20   57.98476c (22120408)   370604.05
3809959.96   56.29333c (22120408)
        370264.36   3809874.76   22.17762 (21020508)   370166.58
3809853.80   25.06384 (21020508)
        370068.81   3809832.84   9.98499c (20092408)   370574.99
3809959.21   52.76070c (22120408)
        370534.87   3809384.19   21.20958 (20041008)   370447.55
3809499.67   21.66572c (20092408)
        370501.33   3809947.91   40.52313c (20092408)   370438.06
3809603.68   37.64576 (21012808)
        370401.99   3809827.97   33.65358c (22120408)   370298.85
3809939.14   19.17469c (20092408)
        370243.90   3809844.43   31.96312 (21020508)   370260.00
3809822.67   33.51972 (21020508)
        370276.09   3809800.90   25.65184 (21020508)   370135.93
3809827.51   11.51116c (20092408)
        370152.79   3809804.71   11.77459c (20092408)   370169.65
3809781.91   12.09524c (20092408)
        370220.24   3809713.50   13.35522c (20092408)   370249.97
3809684.76   14.40100c (20092408)
        370035.10   3809800.93   9.05727c (20092408)   370052.46
3809777.46   9.20002c (20092408)
        370069.82   3809753.99   9.37350c (20092408)   370156.61
3809636.62   11.04021 (18120424)
        370187.22   3809607.03   11.70553 (18120424)   369942.21
3809763.62   7.33154c (20092408)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369959.07	3809740.82	7.43172c	(20092408)	370043.38	3809626.81	8.64784	(18120424)
370060.24	3809604.01	8.93314	(18120424)	370077.11	3809581.21	9.18512	(18120424)
370093.97	3809558.40	9.38814	(18120424)	370123.70	3809529.66	9.60592	(18120424)
369928.28	3809788.56	7.29765c	(20092408)	370369.81	3810015.22	29.11125c	(20092408)
370345.98	3810017.62	27.81353c	(20092408)	370322.15	3810020.02	26.56540c	(22120408)
370319.65	3809995.14	23.14313c	(20092408)	370359.94	3809438.31	14.56237	(18123124)
370298.00	3810008.00	23.23217c	(20092408)	370395.85	3809750.99	33.44416c	(20092408)
370467.00	3809564.08	35.82516	(21012808)	370292.88	3809981.50	20.60580c	(20092408)
370272.34	3809954.88	18.34094c	(20092408)	370274.23	3809929.95	17.76877c	(20092408)
370281.77	3809830.23	34.15004	(21020508)	370266.89	3809728.82	15.78011c	(20092408)
370296.84	3809630.80	16.18642	(21123024)	370229.12	3810008.08	19.52636c	(20092408)
370213.97	3809988.20	17.45946c	(20092408)	370198.81	3809968.31	15.94496	(22011708)
370200.70	3809943.39	15.15543c	(20092408)	370165.89	3809961.97	16.51979	(23121408)
370123.78	3809771.19	10.71307c	(20092408)	370164.67	3809759.09	11.75079c	(20092408)
370226.00	3809740.93	13.83456c	(20092408)	370043.78	3809697.39	8.51375c	(20092408)
370148.62	3809666.35	10.85307	(18120424)	369962.53	3809623.96	7.42636	(18120424)
370005.12	3809611.35	8.06533	(18120424)	370111.60	3809579.83	9.82037	(18120424)
370175.49	3809560.92	10.90452	(18120424)	370218.08	3809548.31	16.76746	(21012808)
369901.07	3809544.67	6.75465	(18120424)	369982.85	3809520.46	7.60705	(18120424)

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        370023.73   3809508.36        8.03932  (18120424)                370085.07
3809490.20        8.74077  (18120424)
        370125.95   3809478.10        9.12899  (18120424)                369862.86
3809564.26        6.38338  (18120424)
        370199.04   3810010.39       20.22033  (20122108)                370180.04
3809987.73       16.16154  (22011708)
        370173.34   3809938.18       19.63264  (20122108)                370283.74
3809745.91       16.99592c (20092408)
        370146.56   3809739.98       11.08450c (20092408)                370179.61
3809638.10       11.65524  (18120424)
        370152.83   3809439.90        9.28673  (21123024)                370334.32
3809457.31       14.19235  (18123124)
        370379.69   3809461.66       15.85872  (20121108)                370435.76
3809480.59       19.53714  (20121108)
        370170.12   3810018.60       19.80161  (21020508)                370121.67
3809994.77       14.63040c (20092408)
        370105.06   3809976.08       13.41427c (20092408)                370071.53
3809879.69       10.60521  (23122408)
        369972.17   3809826.61        8.22756c (20092408)                369938.64
3809730.22        7.09587c (20092408)
        369974.01   3809713.97        7.49601c (20092408)                370062.44
3809673.37        8.90043  (18120424)
        369872.20   3809655.48        6.28447  (18120424)                369978.31
3809606.75        7.66070  (18120424)
        369805.76   3809580.75        5.86136  (18120424)                369929.55
3809523.90        7.01425  (18120424)
        370000.29   3809491.41        7.65833  (18120424)                370035.66
3809475.17        7.94733  (18120424)
        369772.85   3809602.41        9.31896  (23121424)                370271.87
3809767.40       16.40834c (20092408)
        370314.34   3809567.93       16.00428  (21123024)                370091.74
3810006.93       14.41721c (20092408)
        370100.58   3809953.84       12.60255c (20092408)                370075.81
3809933.64       11.58720c (20092408)
        370052.79   3809733.98        8.90801c (20092408)                370068.97
3809639.87        9.09974  (18120424)
        370010.31   3809538.54        8.02904  (18120424)                370008.27
3809442.68        7.41364  (18120424)
        370046.67   3809446.39        7.82763  (18120424)                370123.48
3809453.82        8.84823  (21123024)
        370076.31   3809987.26       13.14857c (20092408)                370034.35
3810045.80       15.74580c (20092408)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370065.94	3809965.21	12.18237c	(20092408)	370020.77	3810016.63	13.51689c	(20092408)
370007.20	3809987.47	11.92991c	(20092408)	369989.43	3810023.85	13.75356c	(20092408)
369962.35	3809887.92	8.75123c	(20092408)	369899.57	3809979.96	9.94820c	(20092408)
369863.66	3809854.96	6.92484c	(20092408)	369963.93	3809770.85	7.68531c	(20092408)
370015.98	3809746.37	8.33631c	(20092408)	369750.14	3809840.34	9.53684	(21020508)
369775.14	3809809.42	10.84380	(21020508)	369825.15	3809747.57	5.87817c	(20092408)
369868.15	3809708.19	6.15663c	(20092408)	369958.11	3809665.88	7.25583	(18120424)
369728.75	3809873.99	5.38217c	(20092408)	369659.50	3809797.42	4.50427c	(20092408)
369682.94	3809768.43	4.62671c	(20092408)	369706.38	3809739.44	4.79949	(21012808)
369729.83	3809710.45	14.81273	(21020508)	369753.27	3809681.46	13.10749	(21020508)
369776.71	3809652.47	13.47705	(23121424)	369855.90	3809606.24	6.24793	(18120424)
369889.64	3809590.37	6.60092	(18120424)	369973.98	3809550.70	7.57330	(18120424)
369638.90	3809830.10	4.36462c	(20092408)	369569.98	3809753.11	3.79315c	(20092408)
369594.09	3809723.30	3.99835	(18120424)	369618.20	3809693.48	4.25423	(18120424)
369642.32	3809663.66	4.54043	(21012808)	369666.43			

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3809633.84        4.66478  (18120424)
        369690.54   3809604.02        4.89736  (18120424)                369714.65
3809574.21       12.00673  (23121424)
        369744.05   3809551.14       12.96187  (23121424)                369778.75
3809534.82        5.83836  (21012808)
        369813.45   3809518.49        5.92825  (18120424)                369882.85
3809485.85        6.51533  (18120424)
        369917.55   3809469.53        6.75870  (18120424)                369549.04
3809786.21        3.71374c (20092408)
        370070.79   3810030.88       15.21387c (20092408)                370176.42
3809804.29       12.46180c (20092408)
        370010.76   3810053.84       16.53467c (20092408)                369982.90
3809984.21       11.47227c (20092408)
        369976.57   3809793.17        8.02671c (20092408)                370078.65
3809796.01        9.86530c (20092408)
        370129.69   3809797.42       11.06552c (20092408)                369941.31
3809700.38        6.97914c (20092408)
        370011.88   3809702.34        8.00826c (20092408)                370117.75
3809705.28       10.09226c (20092408)
        370153.04   3809706.26       11.01553c (20092408)                370085.81
3809612.58        9.42432  (18120424)
        369884.65   3809515.18        6.58974  (18120424)                370078.74
3809520.57        8.88084  (18120424)
        370184.60   3809523.52       19.01857  (21012808)                369995.05
3810077.05       20.77364c (22120408)
        369949.35   3810063.04       20.08281c (22120408)                369924.35
3810063.04       21.92834c (22120408)
        369960.07   3810002.60       12.08821c (20092408)                369824.96
3810061.03       11.46811c (20092408)
        369849.52   3809980.95        8.65356c (20092408)                369867.48
3809954.42        8.40098c (20092408)
        369820.05   3810095.66       11.72521  (23122108)                369725.21
3810060.23        6.27863  (23122108)
        369735.52   3810026.60        6.20356c (20092408)                369745.84
3809992.96        6.26116c (20092408)
        369756.15   3809959.33        7.01398  (21012808)                369766.46
3809925.69        7.24395  (21012808)
        369867.51   3809831.63        6.80270c (20092408)                369720.05
3810095.66        6.54565  (23122108)
        369625.34   3810059.80        4.87000  (23122108)                369635.92
3810025.30        4.78363  (23122108)
        369646.50   3809990.81        4.73176c (20092408)                369657.08
3809956.31        4.78569c (20092408)
        369667.65   3809921.81        4.81782c (20092408)                369678.23
3809887.31        4.84015c (20092408)
        369702.86   3809841.50        5.00437c (20092408)                369730.96
3809818.86        5.20717c (20092408)
        369773.11   3809784.90       10.95147  (21020508)                369843.36
3809728.31        5.98354c (20092408)
        369620.05   3810095.66        5.03566  (23122108)                369525.42
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369536.17   3810024.50   3.93401 (23122108)   369546.91
3809989.46   3.87599 (23122108)
        369557.65   3809954.42   3.92073c (20092408)   369568.40
3809919.39   3.97045c (20092408)
        369579.14   3809884.35   4.00855c (20092408)   369589.89
3809849.31   4.03766c (20092408)
        369600.63   3809814.28   4.06193c (20092408)   369620.27
3809785.26   4.16161c (20092408)
        369648.81   3809762.27   4.36334c (20092408)   369677.35
3809739.28   4.53027c (20092408)
        369705.89   3809716.29   5.28625 (21012808)   369520.05
3810095.66   4.08261 (23122108)
        369425.48   3810059.35   3.35421 (23122108)   369436.34
3810023.94   3.31749 (23122108)
        369447.19   3809988.54   3.26219 (23122108)   369458.05
3809953.13   3.31713c (20092408)
        369468.91   3809917.73   3.36642c (20092408)   369479.76
3809882.32   3.40911c (20092408)
        369490.62   3809846.91   3.44699c (20092408)   369501.48
3809811.51   3.48024c (20092408)

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        369512.34   3809776.10        3.50388c (20092408)               369537.61
3809729.08        3.60564  (18120424)
        369566.45   3809705.85        3.84564  (18120424)               369595.29
3809682.62        4.14827  (18120424)
        369420.05   3810095.66        3.45667  (23122108)               369901.74
3810040.28       15.88717c (22120408)
        369880.48   3810031.82       13.91956  (21020624)               369932.24
3810025.51       13.72903c (20092408)
        369910.99   3810017.05       12.63460c (20092408)               369889.73
3810008.59       11.38098c (20092408)
        369868.47   3810000.13       10.15660  (21020624)               370114.35
3809506.03        9.22308  (18120424)
        369860.70   3809758.27        6.31228c (20092408)               369776.13
3809755.26        8.50900  (23121424)
        369843.71   3809660.20        6.03215  (18120424)               369773.90
3809557.07        5.64347  (18120424)
        369913.08   3809570.38        6.87276  (18120424)               369965.27
3809575.37        7.49008  (18120424)
        370000.06   3809578.70        8.00722  (18120424)               369755.38
3809458.85        5.97555  (21012808)
        369790.55   3809462.21        5.73119  (18120424)               369825.71
3809465.58        5.99065  (18120424)
        369720.04   3809460.55        7.64320  (21012808)               369809.69
3810039.14        9.11552c (20092408)
        369799.53   3810060.29        8.98986c (20092408)               369787.15
3810028.32        7.76057c (20092408)
        369776.99   3810049.47        7.63151c (20092408)               369775.56
3810004.00        7.05153c (20092408)
        369802.35   3809983.40        7.45219c (20092408)               369754.46
3810038.64        6.75810c (20092408)
        369695.72   3809909.41        5.08909c (20092408)               369752.57
3809872.46        6.05607  (21012808)
        369773.70   3809862.98       15.97494  (21020508)               369605.58
3809866.11        4.17260c (20092408)
        369620.17   3809848.12        4.25119c (20092408)               369691.61
3809793.19        4.76683c (20092408)
        369712.74   3809783.70        4.93426c (20092408)               369733.87
3809774.22        5.42561  (21012808)
        369755.00   3809764.74       13.70465  (21020508)               369530.03
3809804.82        3.62824c (20092408)
        369630.65   3809713.91        4.21152  (18120424)               369651.78
3809704.43        4.42355  (18120424)
        369672.91   3809694.95        4.59670  (21012808)               369694.04
3809685.47        7.09096  (23121424)
        369715.18   3809675.99       12.16771  (23121424)               369736.31
3809666.50       14.88922  (21020508)
        369396.12   3809815.48        3.02742  (18120424)               369410.71
3809797.49        3.09301  (18120424)
        369425.30   3809779.51        3.15619  (18120424)               369439.89
3809761.52        3.21779  (18120424)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369454.48	3809743.53	3.28349	(18120424)	369469.07	3809725.55	3.35360	(18120424)
369483.66	3809707.56	3.42933	(18120424)	369498.25	3809689.58	3.51659	(18120424)
369512.84	3809671.59	3.60838	(18120424)	369548.57	3809644.12	3.93309	(18120424)
369569.70	3809634.64	4.03158	(18120424)	369590.83	3809625.16	4.17943	(18120424)
369611.96	3809615.68	4.35130	(18120424)	369633.09	3809606.19	4.52765	(18120424)
369654.22	3809596.71	4.68434	(18120424)	369675.35	3809587.23	4.85030	(18120424)
369381.52	3809833.47	2.95886	(18120424)	369371.36	3809854.62	2.90936c	(20092408)
369305.98	3809772.18	2.77577	(18120424)	369320.57	3809754.19	2.84001	(18120424)
369335.16	3809736.21	2.90217	(18120424)	369349.75	3809718.22	2.96521	(18120424)
369364.34	3809700.23	3.02783	(18120424)	369378.93	3809682.25	3.09202	(18120424)
369393.52	3809664.26	3.16241	(18120424)	369408.11			

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3809646.28        3.24846  (18120424)
        369422.71   3809628.29        3.34214  (18120424)                369437.30
3809610.30        3.43983  (18120424)
        369451.89   3809592.32        3.54981  (18120424)                369487.61
3809564.85        3.77205  (18120424)
        369508.74   3809555.37        3.90859  (18120424)                369529.87
3809545.89        4.04859  (18120424)
        369551.00   3809536.40        4.18997  (18120424)                369572.13
3809526.92        4.33266  (18120424)
        369593.26   3809517.44        4.44164  (18120424)                369614.39
3809507.96        4.64151  (21012808)
        369635.52   3809498.48        6.69562  (23121424)                369656.65
3809488.99       10.62312  (23121424)
        369677.78   3809479.51       11.87439  (23121424)                369698.91
3809470.03       11.62279  (23121424)
        369291.39   3809790.17        2.70968  (18120424)                369281.23
3809811.32        2.64883  (18120424)
        369775.25   3810088.68        8.13683  (23122108)                369752.71
3810077.86        7.13988  (23122108)
        369759.46   3810117.78        7.96564  (23122108)                369736.05
3810126.56        7.29823  (23122108)
        369635.68   3810121.77        5.38960  (23122108)                369642.43
3810161.68        5.67819  (23122108)
        369542.13   3810155.11        4.52373  (23122108)                369544.03
3810112.33        4.33865  (23122108)
        369545.93   3810069.55        4.19379  (23122108)                369548.80
3810196.81        4.75403  (23122108)
        369448.48   3810190.72        3.95063  (23122108)                369450.34
3810148.89        3.81986  (23122108)
        369452.20   3810107.06        3.69247  (23122108)                369454.06
3810065.23        3.53628  (23122108)
        369455.17   3810231.94        4.11810  (23122108)                369354.84
3810226.12        3.56433  (23122108)
        369356.68   3810184.84        3.40351  (23122108)                369358.51
3810143.56        3.28587  (23122108)
        369360.35   3810102.28        3.16686  (23122108)                369362.19
3810061.01        3.05379  (23122108)
        369364.02   3810019.73        2.94084  (23122108)                369365.86
3809978.45        2.89512c (20092408)
        369367.69   3809937.17        2.90588c (20092408)                369369.53
3809895.89        2.90953c (20092408)
        369361.54   3810267.07        3.74628  (23122108)                369261.25
3810260.50        3.21376  (23122108)
        369263.15   3810217.72        3.14037  (23122108)                369265.05
3810174.94        3.06535  (23122108)
        369266.96   3810132.16        2.93985  (23122108)                369268.86
3810089.38        2.82530  (23122108)
        369270.76   3810046.60        2.65724  (23122108)                369272.66
3810003.82        2.54833c (20092408)
        369274.57   3809961.04        2.56320c (20092408)                369276.47
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3809918.26   2.57235c (20092408)
        369278.37   3809875.48   2.58183c (20092408)   369267.92
3810302.19   3.34185 (23122108)
        369835.81   3810124.85   13.11362 (23122108)   369855.27
3810137.12   14.15658 (23122108)
        369792.94   3810121.36   9.64126 (23122108)   369822.47
3810145.99   11.08971 (23122108)
        369841.93   3810158.26   11.70942 (23122108)   369779.61
3810142.51   8.97089 (23122108)
        369809.14   3810167.14   9.88009 (23122108)   369828.60
3810179.41   10.28035 (23122108)
        369762.91   3810159.53   8.28288 (23122108)   369795.80
3810188.29   9.01882 (23122108)
        369815.26   3810200.56   9.33464 (23122108)   369709.58
3810244.12   6.73741 (23122108)
        369682.72   3810211.15   6.38614 (23122108)   369742.47
3810272.88   6.99409 (23122108)
        369761.93   3810285.15   7.10741 (23122108)   369656.24
3810328.71   5.75467 (23122108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369629.38   3810295.74   5.64632 (23122108)   369602.52
3810262.76   5.41909 (23122108)

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        369575.66   3810229.79        5.10168  (23122108)               369689.13
3810357.47        5.83965  (23122108)
        369708.59   3810369.74        5.93454  (23051324)               369602.91
3810413.30        5.02794  (23122108)
        369576.05   3810380.32        4.99276  (23122108)               369549.19
3810347.35        4.89966  (23122108)
        369522.32   3810314.38        4.74524  (23122108)               369495.46
3810281.40        4.52273  (23122108)
        369635.80   3810442.06        5.28703  (23051324)               369655.26
3810454.33        5.47470  (23051324)
        369548.61   3810496.71        6.05947  (18020708)               369534.22
3810479.05        5.03762  (23051324)
        369519.83   3810461.38        4.78355  (23051324)               369505.44
3810443.72        4.58720  (23122108)
        369491.05   3810426.05        4.61743  (23122108)               369476.66
3810408.39        4.47060  (23122108)
        369462.27   3810390.72        4.37583  (23122108)               369447.88
3810373.06        4.32504  (23122108)
        369433.49   3810355.39        4.24693  (23122108)               369419.10
3810337.73        4.15967  (23122108)
        369404.71   3810320.06        4.08729  (23122108)               369390.32
3810302.40        3.97303  (23122108)
        369375.93   3810284.73        3.83051  (23122108)               369563.00
3810514.38       12.06209  (18121408)
        369582.46   3810526.65       11.47897  (18020708)               369601.92
3810538.92       10.94320  (18020708)
        369495.45   3810581.51       18.43517  (18120908)               369481.23
3810564.05       18.64641  (18120908)
        369467.01   3810546.59       18.61886  (18120908)               369438.56
3810511.68       18.06716  (18012408)
        369424.34   3810494.22       17.07192  (18012408)               369410.12
3810476.77       14.47949  (18121408)
        369395.90   3810459.31       10.83553  (18121408)               369381.68
3810441.85        4.58398  (23122108)
        369353.24   3810406.94        4.00788  (23122108)               369339.02
3810389.48        3.88736  (23122108)
        369324.80   3810372.02        3.74407  (23122108)               369310.58
3810354.57        3.64940  (23122108)
        369296.36   3810337.11        3.55162  (23122108)               369509.67
3810598.96       18.33735  (18120908)
        369529.13   3810611.23       17.57997  (18120808)               369548.59
3810623.50       17.06295  (18120808)
        369674.57   3810067.46        5.50081  (23122108)               369577.56
3810043.21        4.33332  (23122108)
        369480.54   3810018.96        3.55174  (23122108)               369383.53
3809994.70        2.96777  (23122108)
        369865.16   3810163.19       12.98263  (23122108)               369851.58
3810184.17       11.09417  (23122108)
        369837.99   3810205.16        9.87627  (23122108)               369824.40
3810226.14        9.02720  (23122108)
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        369676.32   3810175.79        6.24495  (23122108)               369674.33
3810145.32        6.12027  (23122108)
        369672.33   3810114.85        5.85660  (23122108)               369770.06
3810310.09        6.92481  (23122108)
        369582.02   3810193.09        5.05512  (23122108)               369579.85
3810159.85        4.88664  (23122108)
        369577.68   3810126.61        4.72401  (23122108)               369575.50
3810093.37        4.55761  (23122108)
        369715.71   3810394.03        6.00473  (23051324)               369490.13
3810247.13        4.40924  (23122108)
        369488.01   3810214.63        4.30679  (23122108)               369485.88
3810182.13        4.18248  (23122108)
        369483.75   3810149.63        4.04937  (23122108)               369481.63
3810117.13        3.90780  (23122108)
        369479.50   3810084.63        3.76108  (23122108)               369477.38
3810052.13        3.65804  (23122108)
        369661.36   3810477.97        5.49385  (23051324)               369395.91
3810265.54        3.85115  (23122108)
        369393.69   3810231.68        3.74058  (23122108)               369391.48
3810197.83        3.62994  (23122108)
        369389.26   3810163.97        3.50749  (23122108)               369387.05
3810130.11        3.38803  (23122108)
        369384.84   3810096.26        3.27043  (23122108)               369381.51
3810045.48        3.09434  (23122108)
        369607.02   3810561.91        7.55601  (18020708)               369302.94
3810303.14        3.49355  (23122108)
        369300.77   3810269.90        3.41939  (23122108)               369298.59
3810236.67        3.34640  (23122108)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369296.42	3810203.43	3.28911	(23122108)	369294.24	3810170.19	3.18499	(23122108)
369292.07	3810136.95	3.03988	(23122108)	369289.90	3810103.71	2.90407	(23122108)
369287.72	3810070.47	2.78644	(23122108)	369552.67	3810645.86	17.27615	(18120808)
369879.10	3810188.17	12.11973	(23122108)	369887.52	3810212.35	11.14307	(23122108)
369862.76	3810208.76	10.50448	(23122108)	369893.20	3810236.14	10.35155	(23122108)
369865.68	3810232.14	9.84300	(23122108)	369921.41	3810332.08	8.11210	(21091524)
369893.89	3810328.08	7.90374	(23051324)	369866.37	3810324.08	7.66536	(23051324)
369838.85	3810320.08	7.41683	(23051324)	369811.34	3810316.08	7.23811	(23122108)
369949.56	3810329.85	8.48765	(21091524)	369948.81	3810427.90	7.29099	(22100724)
369919.68	3810423.66	7.13030	(22100724)	369890.54	3810419.43	6.96919	(23051324)
369861.40	3810415.20	6.89795	(23051324)	369832.26	3810410.96	6.79048	(23051324)
369803.12	3810406.73	6.64777	(23051324)	369773.99	3810402.50	6.47525	(23051324)
369744.85	3810398.26	6.25705	(23051324)	369977.77	3810425.78	7.49455	(22100724)
369977.24	3810523.87	7.11566	(23122008)	369948.52	3810519.69	6.99608	(23122008)
369919.81	3810515.52	6.82612	(23122008)	369891.09	3810511.35	6.60729	(23122008)
369862.37	3810507.18	6.35804	(23122008)	369833.66	3810503.01	6.12367	(22100724)
369804.94	3810498.83	6.08609	(23051324)	369776.23	3810494.66	6.01419	(23051324)
369747.51	3810490.49	5.91543	(23051324)	369718.79	3810486.32	5.80266	(23051324)
369690.08	3810482.14	5.66272	(23051324)	370005.98	3810521.72	7.37814	(23122008)
370005.06	3810619.75	6.98412	(21020824)	369975.58	3810615.46	6.66923	(21020824)
369946.09	3810611.18	6.52151	(23122008)	369916.61	3810606.90	6.44745	(23122008)
369887.12	3810602.61	6.28410	(23122008)	369857.64			

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3810598.33        6.09317  (23122008)
        369828.15   3810594.04        5.89891  (23122008)                369798.67
3810589.76        5.68909  (23122008)
        369769.18   3810585.48        5.40630  (23122008)                369739.70
3810581.19        5.29932  (23051324)
        369710.21   3810576.91        5.27133  (23051324)                369680.73
3810572.62        5.22977  (23051324)
        369651.24   3810568.34        5.17589  (23051324)                370034.19
3810617.66        7.27311  (21020824)
        370033.45   3810715.71        6.92540  (21020824)                370004.31
3810711.48        6.75282  (21020824)
        369975.17   3810707.24        6.54099  (21020824)                369946.03
3810703.01        6.34533  (21020824)
        369916.90   3810698.78        6.15120  (21020824)                369887.76
3810694.54        6.02322  (23122008)
        369858.62   3810690.31        6.27621  (23122008)                369829.48
3810686.08        6.38520  (23122008)
        369800.34   3810681.84        5.63987  (23122008)                369771.20
3810677.61        5.39099  (23122008)
        369742.07   3810673.38        5.48967  (23122008)                369712.93
3810669.14       10.91917  (20020508)
        369683.79   3810664.91       12.74673  (20020508)                369654.65
3810660.68        9.15953  (18020708)
        369625.51   3810656.44        6.37019  (18020808)                369596.38
3810652.21       10.12731  (18020708)
        370062.40   3810713.60        7.10544  (21020824)                369930.01
3810171.21       16.69483c (22120408)
        369915.70   3810246.99       10.40815  (23122108)                369793.01
3810520.75        5.86892  (23051324)
        369735.76   3810604.68        5.19418  (23122008)                369678.51
3810688.60       15.57012  (20020108)
        369711.22   3810703.26       13.16865  (20020108)                369951.02
3810180.10       16.91278c (22120408)
        369974.71   3810185.52       17.82844c (22120408)                370069.48
3810207.18       17.27554c (22120408)
        369969.14   3810209.89       14.17735  (23122108)                369992.83
3810215.30       14.25416  (23122108)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        369987.26   3810239.68       12.04811  (23122108)               370010.95
3810245.09       11.95069  (23122108)
        370034.64   3810250.51       11.91759c (22101308)               370058.34
3810255.92       11.85739c (22101308)
        370005.38   3810269.46       10.59043  (23122108)               370029.07
3810274.88       10.62650c (22101308)
        370052.76   3810280.30       10.62958c (22101308)               369935.71
3810356.12        7.89716  (21091524)
        369959.40   3810361.53        8.01636  (21091524)               369983.10
3810366.95        8.11931  (21091524)
        370006.79   3810372.36        8.21337  (22100724)               369871.12
3810441.96        6.66668  (23051324)
        369913.43   3810453.60        6.85105  (22100724)               369937.12
3810459.02        7.05375  (23122008)
        369960.81   3810464.43        7.23042  (23122008)               369984.50
3810469.85        7.46732  (23122008)
        370008.19   3810475.27        7.69916  (23122008)               369848.84
3810539.44        6.04820  (23122008)
        369891.14   3810551.09        6.36974  (23122008)               369914.83
3810556.50        6.55634  (23122008)
        369938.53   3810561.92        6.67970  (23122008)               369962.22
3810567.33        6.77691  (23122008)
        369985.91   3810572.75        6.88503  (23122008)               369826.55
3810636.93        5.81214  (23122008)
        369789.33   3810624.47        5.57231  (23122008)               369868.86
3810648.57        6.06207  (23122008)
        369892.55   3810653.99        6.16909  (23122008)               369916.24
3810659.40        6.25887  (23122008)
        369939.93   3810664.82        6.34522  (21020824)               369963.62
3810670.24        6.50899  (21020824)
        369800.55   3810733.17        6.20447  (23122024)               369778.22
3810725.69        5.53649  (23122008)
        369755.88   3810718.22        5.40228  (23122008)               369733.55
3810710.74        5.88687  (23122024)
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        369822.88   3810740.64       11.27186  (18021608)                369846.57
3810746.06       10.14844  (18021608)
        369870.26   3810751.47        6.01638  (23122008)                369893.96
3810756.89        6.02333  (21020824)
        369917.65   3810762.31        6.18960  (21020824)                369941.34
3810767.72        6.37257  (21020824)
        370097.17   3810203.36       17.53833c (22120408)                370086.30
3810231.53       13.68569c (22101308)
        370119.30   3810223.91       14.35037c (22101308)                370108.42
3810252.08       12.36008c (22101308)
        370136.55   3810373.87        9.47658  (21020824)                370125.75
3810475.14        9.04014  (21020824)
        370092.16   3810475.17        8.61621  (21020824)                370058.58
3810475.21        8.18216  (21020824)
        370148.76   3810572.57        8.39970  (21020824)                370116.19
3810572.61        8.13996  (21020824)
        370083.62   3810572.64        7.86821  (21020824)                370051.05
3810572.68        7.58256  (21020824)
        370018.48   3810572.72        7.26177  (21020824)                370181.55
3810568.74        8.63907  (21020824)
        370171.55   3810670.01        7.87315  (21020824)                370139.56
3810670.04        7.76495  (21020824)
        370107.57   3810670.08        7.61389  (21020824)                370075.58
3810670.11        7.39540  (21020824)
        370043.60   3810670.15        7.16621  (21020824)                370011.61
3810670.18        6.92968  (21020824)
        370204.04   3810666.18        7.97146  (21020824)                370193.25
3810767.45        7.37351  (21020824)
        370159.66   3810767.48        8.66488  (21020824)                370126.07
3810767.52        8.38657  (21020824)
        370092.49   3810767.56        7.36266  (21020824)                370058.90
3810767.59        6.84172  (21020824)
        370025.31   3810767.63        6.69142  (21020824)                369991.72
3810767.67        6.49972  (21020824)
        370226.54   3810763.62        7.17526  (21020824)                369889.95
3810626.19        6.24458  (23122008)
        369840.92   3810713.34        9.74566  (18021608)                370144.46
3810239.54       13.13433c (22101308)
        370132.20   3810261.33       11.97170c (22101308)                370171.58
3810285.28       11.17949  (21091524)
        370172.49   3810386.90        9.90281  (21020824)                370174.25
3810482.36        9.53412  (21020824)
        370038.81   3810460.19        7.94166  (23122008)                370208.95
3810481.76        9.87259  (21020824)
        370006.70   3810550.12        7.13529  (21020824)                369955.91
3810541.80        6.84921  (23122008)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370209.86	3810583.37	8.64357	(21020824)	370245.40	3810576.61	8.83378	(21020824)
370032.52	3810649.52	7.16224	(21020824)	369996.88	3810643.69	6.84466	(21020824)
369961.23	3810637.86	6.51946	(21020824)	369925.59	3810632.02	6.40301	(23122008)
370228.55	3810681.61	7.82944	(21020824)	370264.09	3810674.85	7.86483	(21020824)
370035.24	3810745.15	6.81822	(21020824)	369999.91	3810739.37	6.63444	(21020824)
369964.58	3810733.58	6.41694	(21020824)	369929.25	3810727.80	6.19969	(21020824)
369893.92	3810722.02	6.01674	(21020824)	370247.23	3810779.85	6.90583	(21020824)
370282.77	3810773.09	6.80716	(21020824)	370197.71	3810206.90	15.42323c	(22101308)
370201.05	3810256.79	12.33729c	(22101308)	370202.72	3810281.74	11.67369	(21020824)
370196.72	3810382.36	10.27625	(21020824)	370210.76	3810782.32	7.09297	(21020824)
370233.35	3810215.24	14.90691c	(22101308)	370261.27	3810183.94	17.87511c	(22101308)
370265.97	3810216.23	14.78385c	(22101308)	370284.63	3810232.88	14.03210	(21020824)
370328.30	3810323.40	13.01742	(21020824)	370294.33			

3810340.00 12.19369 (21020824)
370401.39 3810390.72 11.99384 (21020824) 370327.27
3810426.95 11.22236 (21020824)
370290.21 3810445.06 10.89767 (21020824) 370433.88
3810366.01 12.43790 (21020824)
370458.30 3810465.94 10.31977 (21020824) 370422.07
3810483.65 10.17406 (21020824)
370385.83 3810501.36 9.87702 (21020824) 370331.48
3810527.93 9.48884 (21020824)
370295.24 3810545.64 9.27103 (21020824) 370522.46
3810416.93 10.53249 (21020824)
370551.29 3810523.53 8.48633 (21041308) 370497.65
3810549.75 8.35291 (21020824)
370461.89 3810567.23 8.36406 (21020824) 370426.13
3810584.71 8.35028 (21020824)
370390.37 3810602.19 8.30231 (21020824) 370354.61
3810619.67 8.16868 (21020824)
370318.85 3810637.14 8.09819 (21020824) 370283.09
3810654.62 8.04608 (21020824)
370583.13 3810499.14 8.89258 (21041308) 370625.26
3810590.42 7.40876 (21041308)
370588.20 3810608.53 7.30640 (21041308) 370551.14
3810626.65 7.17478 (21041308)
370514.08 3810644.76 6.97722 (21041308) 370477.02
3810662.87 6.83268 (21020824)
370439.96 3810680.99 6.91080 (21020824) 370402.91
3810699.10 6.96956 (21020824)
370365.85 3810717.22 6.99714 (21020824) 370328.79
3810735.33 6.97601 (21020824)
370657.75 3810565.71 7.62296 (21041308) 370310.12
3810228.19 14.71416 (21020824)
370352.14 3810424.69 11.30614 (21020824) 370419.69
3810508.14 9.55729 (21020824)
370412.78 3810615.28 8.02220 (21020824) 370450.01
3810603.44 7.90619 (21020824)
370405.87 3810722.42 6.66331 (21020824) 370443.10
3810710.57 6.53015 (21020824)
370480.33 3810698.73 6.39203 (21041308) 370315.59
3810145.14 22.32548c (22120408)
370332.76 3810163.31 19.32678c (22120408) 370365.16
3810167.10 18.96281c (20092408)
370420.43 3810281.39 14.83553 (21020824) 370471.57
3810364.41 12.30166 (21020824)
370556.08 3810427.76 10.04837 (21041308) 370487.89
3810467.95 10.03773 (21020824)
370588.36 3810403.33 10.53277 (21041308) 370624.37
3810500.68 8.77081 (21041308)
370589.50 3810521.23 8.49161 (21041308) 370502.32
3810572.61 7.95421 (21020824)
370657.04 3810476.01 9.06628 (21041308) 370692.78

3810573.52   7.33938 (21041308)
        370657.37   3810594.39   7.23235 (21041308)   370621.96
3810615.26   7.11096 (21041308)
        370586.56   3810636.13   6.97421 (21041308)   370551.15
3810656.99   6.81204 (21041308)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370515.74   3810677.86   6.60219 (21041308)   370725.72
3810548.70   7.50249 (21041308)
        370339.70   3810134.90   24.24649c (22120408)   370363.06
3810132.36   24.67534c (22120408)
        370389.11   3810154.67   20.67878c (20092408)   370391.81
3810179.53   18.13219 (21020824)
        370415.16   3810176.99   18.70639 (21020824)   370438.51
3810174.45   19.33813 (21020824)
        370417.86   3810201.84   17.51307 (21020824)   370441.21
3810199.30   18.01365 (21020824)
        370405.32   3810303.80   14.05511 (21020824)   370452.02
3810298.72   14.30976 (21020824)
        370439.47   3810400.67   11.57479 (21020824)   370462.82
3810398.13   11.51570 (21020824)
        370450.28   3810500.09   9.53994 (21020824)   370473.63
3810497.55   9.42506 (21020824)

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        370484.43   3810596.96        7.77888  (21020824)               370469.75
3810120.80       27.36706c (22120408)
        370475.10   3810170.51       20.15487  (21020824)               370477.78
3810195.37       18.68096  (21020824)
        370488.48   3810294.79       14.27816  (21020824)               370499.18
3810394.22       11.26584  (21020824)
        370509.88   3810493.65        9.21871  (21020824)               370520.59
3810593.07        7.57080  (21041308)
        370549.62   3810690.52        6.44546  (21041308)               370336.44
3810228.20       15.22862  (21020824)
        370169.71   3810339.59       10.34474  (21020824)               370090.78
3810401.00        8.68333  (21020824)
        370029.62   3810485.25        7.81595  (23122008)               370526.89
3810167.63       20.94092m (23022524)
        370500.67   3810191.77       19.01908  (21020824)               370526.05
3810192.62       18.86039  (21020824)
        370499.83   3810216.75       17.53905  (21020824)               370525.21
3810217.60       17.26261  (21020824)
        370399.31   3810267.15       15.13767  (21020824)               370377.72
3810256.14       15.17132  (21020824)
        370356.13   3810245.13       15.16349  (21020824)               370496.49
3810316.70       13.44919  (21020824)
        370521.87   3810317.55       13.19640  (21020824)               370482.34
3810411.14       11.01503  (21020824)
        370395.97   3810367.09       12.49963  (21020824)               370374.37
3810356.08       12.63305  (21020824)
        370352.78   3810345.07       12.76808  (21020824)               370277.20
3810306.53       12.47179  (21020824)
        370400.22   3810470.91       10.59402  (21020824)               370377.82
3810459.49       10.86667  (21020824)
        370355.43   3810448.07       11.09879  (21020824)               370299.44
3810419.53       11.10370  (21020824)
        370277.05   3810408.11       11.02942  (21020824)               370489.79
3810516.59        8.93076  (21020824)
        370397.53   3810571.19        8.72574  (21020824)               370375.30
3810559.86        8.97490  (21020824)
        370353.07   3810548.52        9.19383  (21020824)               370308.61
3810525.85        9.51830  (21020824)
        370286.38   3810514.52        9.63799  (21020824)               370253.04
3810497.52        9.85515  (21020824)
        370499.13   3810616.95        7.31580  (21020824)               370394.61
3810671.36        7.37268  (21020824)
        370372.49   3810660.08        7.64927  (21020824)               370350.37
3810648.80        7.88030  (21020824)
        370295.07   3810620.60        8.36505  (21020824)               370272.95
3810609.32        8.52135  (21020824)
        370162.35   3810552.92        8.61291  (21020824)               370140.23
3810541.64        8.49218  (21020824)
        370118.11   3810530.36        8.39738  (21020824)               370095.99
3810519.08        8.29083  (21020824)
```

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370073.87	3810507.80	8.16591	(21020824)	370495.79	3810716.90	6.22971	(21041308)
370547.88	3810133.53	25.49567m	(23022524)	370567.34	3810109.84	31.13279c	(22120408)
370586.66	3810125.71	26.98730m	(23022524)	370548.33	3810188.20	19.08971m	(23022524)
370593.81	3810190.35	18.72264m	(23022524)	370554.92	3810211.72	17.25356m	(23022524)
370671.09	3810253.82	14.36484	(21041308)	370635.03	3810281.46	13.57236	(21041308)
370596.14	3810302.83	13.05777	(21041308)	370566.43	3810308.72	12.94995	(21041308)
370692.83	3810232.76	15.36105c	(20092408)	370748.36	3810317.30	11.86803	(21041308)
370724.32	3810335.72	11.48960	(21041308)	370700.28	3810354.15	11.16547	(21041308)
370676.24	3810372.57	10.88428	(21041308)	370637.35	3810393.94	10.58621	(21041308)
370770.11	3810296.24	12.37193c	(20092408)	370825.63	3810380.77	9.70978c	(20092408)
370801.59	3810399.20	9.43091	(21041308)	370777.55			

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3810417.62        9.37655  (21041308)
        370753.52   3810436.04        9.20867  (21041308)                370729.48
3810454.47        9.02856  (21041308)
        370705.44   3810472.89        8.86187  (21041308)                370678.57
3810485.05        8.79680  (21041308)
        370530.03   3810514.49        8.63344  (21041308)                370847.38
3810359.71       10.19601c (20092408)
        370902.90   3810444.25        8.15765c (20092408)                370878.86
3810462.67        7.89927c (20092408)
        370854.83   3810481.09        7.65768c (20092408)                370830.79
3810499.52        7.48546  (21041308)
        370806.75   3810517.94        7.39745  (21041308)                370782.71
3810536.37        7.30497  (21041308)
        370758.68   3810554.79        7.20686  (21041308)                370719.78
3810576.16        7.14843  (21041308)
        370924.65   3810423.19        8.49293c (20092408)                370980.17
3810507.72        6.91629c (20092408)
        370956.14   3810526.14        6.73667c (20092408)                370932.10
3810544.57        6.53853c (20092408)
        370908.06   3810562.99        6.35371c (20092408)                370884.02
3810581.42        6.33173  (20020908)
        370859.99   3810599.84        6.12473  (20020908)                370835.95
3810618.27        5.84710  (21041308)
        370811.91   3810636.69        5.81197  (21041308)                370787.87
3810655.12        5.77358  (21041308)
        370761.00   3810667.27        5.80875  (21041308)                370731.29
3810673.16        5.90603  (21041308)
        370701.58   3810679.05        6.01007  (21041308)                370671.87
3810684.94        6.09164  (21041308)
        370642.17   3810690.83        6.15302  (21041308)                370612.46
3810696.71        6.20773  (21041308)
        370582.75   3810702.60        6.24253  (21041308)                370538.19
3810711.44        6.25056  (21041308)
        371001.92   3810486.66        7.13628c (20092408)                370553.81
3810393.91       10.73511  (21041308)
        370555.75   3810493.90        9.00253  (21041308)                370557.68
3810593.88        7.52156  (21041308)
        370620.55   3810108.03       30.87077c (22120408)                370657.78
3810091.96       32.91155c (22120408)
        370630.46   3810130.99       25.27455c (20092408)                370667.69
3810114.91       26.79028c (20092408)
        370658.98   3810145.90       22.55969c (20092408)                370696.21
3810129.83       23.57917c (20092408)
        370631.66   3810184.93       18.72532c (20092408)                370668.89
3810168.85       19.94495c (20092408)
        370706.12   3810152.78       20.96928c (20092408)                370671.30
3810276.74       13.54393  (21041308)
        370708.53   3810260.66       13.93487c (20092408)                370745.76
3810244.59       14.59206c (20092408)
        370729.56   3810360.51       10.79914  (21041308)                370766.79
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3810344.43   10.98944 (21041308)
        370769.20   3810452.31   8.82452 (21041308)   370806.43
3810436.24   8.79219 (21041308)
        370808.84   3810544.12   6.99227 (21041308)   370846.07
3810528.05   6.93975c (20092408)
        370867.09   3810627.89   5.88193 (20020908)   370904.32
3810611.82   6.50228 (20022924)
        370683.34   3810079.43   33.04742c (22120408)   370701.61
3810062.74   35.05949c (22120408)
        370719.87   3810046.06   37.20045c (22120408)   370738.14
3810029.37   39.17655c (22120408)
        370756.41   3810012.68   41.75742c (22120408)   370774.67
3809996.00   46.27040c (22120408)
        370700.20   3810097.89   27.84691c (22120408)   370718.47
3810081.20   29.60732c (22120408)
        370736.73   3810064.51   31.54776c (20092408)   370755.00
3810047.83   33.58390c (22120408)
        370773.27   3810031.14   36.17490c (22120408)   370791.53
3810014.46   39.79033c (22120408)
        370717.06   3810116.34   24.58677c (20092408)   370735.33
3810099.66   26.04959c (20092408)
        370753.60   3810082.97   27.78288c (20092408)   370771.86
3810066.29   29.80609c (20092408)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

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        371144.22   3810437.22        7.18314c (20092408)                371162.48
3810420.53        7.30745c (20092408)
        370823.63   3810014.70       39.87249c (22120408)                370847.04
3810018.89       39.13576c (22120408)
        370870.44   3810023.07       38.80485c (22120408)                370893.85
3810027.26       38.17595c (22120408)
        370917.25   3810031.44       37.73723c (20092408)                370940.66
3810035.63       37.54674c (20092408)
        370964.07   3810039.81       36.52497c (20092408)                370987.47
3810044.00       35.10449c (20092408)
        371010.88   3810048.18       34.26071c (20092408)                370866.04
3810047.68       32.31798c (20092408)
        370889.45   3810051.87       31.65125c (20092408)                370912.86
3810056.05       31.11037c (20092408)
        370936.26   3810060.24       30.76011c (20092408)                370959.67
3810064.42       30.38019c (20092408)
        370983.07   3810068.61       29.59787c (20092408)                371006.48
3810072.79       28.71052c (20092408)
        370861.64   3810072.29       28.09560c (20092408)                370885.05
3810076.48       27.46265c (20092408)
        370908.46   3810080.66       26.86576c (20092408)                370931.86
3810084.85       26.26205c (20092408)
        370955.27   3810089.03       25.80257c (20092408)                370978.67
3810093.21       25.32274c (20092408)
        371002.08   3810097.40       24.71370c (20092408)                370833.84
3810092.72       25.46415c (20092408)
        370857.24   3810096.90       24.89400c (20092408)                370880.65
3810101.09       24.25747c (20092408)
        370904.06   3810105.27       23.74244c (20092408)                370927.46
3810109.46       23.18199c (20092408)
        370950.87   3810113.64       22.60535c (20092408)                370974.27
3810117.82       22.09707c (20092408)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                 PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370997.68	3810122.01	21.62453c	(20092408)	370722.61	3810174.42	18.83854c	(20092408)
370746.02	3810178.60	18.30425c	(20092408)	370769.43	3810182.79	17.85822c	(20092408)
370792.83	3810186.97	17.47150c	(20092408)	370863.05	3810199.53	16.32764c	(20092408)
370886.46	3810203.71	15.94226c	(20092408)	370909.86	3810207.89	15.58853c	(20092408)
370980.08	3810220.45	14.41911c	(20092408)	370728.42	3810277.04	13.21112	(21041308)
370751.83	3810281.23	12.98437c	(20092408)	370798.64	3810289.60	12.54041c	(20092408)
370892.26	3810306.33	11.62498c	(20092408)	370915.67	3810310.52	11.37980c	(20092408)
370939.08	3810314.70	11.12822c	(20092408)	370710.82	3810375.48	10.56608	(21041308)
370757.63	3810383.85	10.12552	(21041308)	370781.04	3810388.04	9.85057	(21041308)
370898.07	3810408.96	8.87593c	(20092408)	370740.04	3810482.29	8.48184	(21041308)
370763.44	3810486.47	8.24558	(21041308)	370786.85	3810490.66	8.00123	(21041308)
370927.29	3810515.77	6.95861c	(20092408)	370745.84	3810584.91	6.87385	(21041308)
370769.25	3810589.10	6.67289	(21041308)	370792.66	3810593.28	6.45423	(21041308)
370816.06	3810597.47	6.20238	(21041308)	371046.60	3810082.60	26.59446	(22011808)
371071.06	3810084.32	27.21038m	(23031108)	371095.51	3810086.05	25.37030m	(23031108)
371119.96	3810087.78	23.72245m	(23031108)	371144.42	3810089.51	23.39866m	(23031108)
371044.84	3810107.53	22.98359	(22011808)	371069.29	3810109.26	25.61364	(22123024)
371093.75	3810110.99	22.65234m	(23031108)	371118.20	3810112.72	20.61355m	(23031108)
371142.66	3810114.45	20.15515m	(23031108)	371018.62	3810130.74	20.55645c	(20092408)
371043.08	3810132.47	20.05350	(22011808)	371067.53			

3810134.20   23.78547 (22123024)
        371091.99   3810135.93   21.82231 (22123024)   371116.44
3810137.66   18.97441m (23031108)
        371140.89   3810139.38   18.37613m (23031108)   370997.98
3810148.13   19.14499c (20092408)
        371041.32   3810157.41   17.78076c (20092408)   371065.77
3810159.14   17.39642 (22011808)
        371090.22   3810160.87   22.42276 (22123024)   371114.68
3810162.59   19.16719m (23031108)
        371139.13   3810164.32   18.12052m (23031108)   370987.16
3810246.37   13.18753c (20092408)
        370964.51   3810237.31   13.74529c (20092408)   370843.84
3810128.00   21.74745c (20092408)
        371009.81   3810255.43   12.62064c (20092408)   371058.72
3810258.89   12.00009c (20092408)
        371083.17   3810260.62   11.75163c (20092408)   371107.63
3810262.34   11.43519c (20092408)
        371132.08   3810264.07   11.08020c (20092408)   370981.53
3810346.69   9.97542c (20092408)
        370820.51   3810267.98   13.31366c (20092408)   370808.16
3810248.73   14.19782c (20092408)
        371002.76   3810355.18   9.63882c (20092408)   371027.22
3810356.91   9.44855c (20092408)
        371125.03   3810363.82   8.57719c (20092408)   370950.41
3810436.82   8.14466c (20092408)
        370729.65   3810302.74   12.40898 (21041308)   370663.77
3810200.07   17.37905c (20092408)
        371020.17   3810456.66   7.52623c (20092408)   371044.62
3810458.39   7.39019c (20092408)
        371069.08   3810460.12   7.25075c (20092408)   370692.83
3810421.69   9.78342 (21041308)
        370680.16   3810401.95   10.22097 (21041308)   370629.48
3810322.98   12.28425 (21041308)
        371037.57   3810558.14   6.15167 (20020908)   371062.03
3810559.87   5.99576c (20092408)
        371086.48   3810561.60   5.89494c (20092408)   371110.94
3810563.33   5.79141c (20092408)
        370958.96   3810645.38   7.65321 (22123024)   370936.31
3810636.32   7.35269 (22123024)
        370687.13   3810536.66   7.90847 (21041308)   370664.47
3810527.60   8.16237 (21041308)

                           *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370589.11   3810436.41   9.84194 (21041308)   370483.70
3810272.14   15.16040 (21020824)
        370981.62   3810654.44   11.74269 (22123024)   371006.07
3810656.17   13.18714 (22123024)
        371030.53   3810657.89   12.64116 (22123024)   371054.98
3810659.62   11.17739 (22123024)
        371079.43   3810661.35   9.61911 (22123024)   371103.89
3810663.08   9.04594 (22123024)
        371167.52   3810080.61   25.00431m (23031108)   371165.45
3810108.66   21.10344m (23031108)
        371178.88   3810129.75   18.61563m (23031108)   371191.23
3810151.11   16.69881m (23031108)
        371165.18   3810157.71   16.93673m (23031108)   371244.97
3810235.44   13.28176m (23031108)
        371218.92   3810242.05   15.40923m (23031108)   371192.87
3810248.66   17.84119m (23031108)
        371166.82   3810255.26   14.44088m (23031108)   371298.70
3810319.78   9.62807m (23031108)
        371272.65   3810326.39   7.99366 (20040508)   371246.60
3810332.99   8.06215c (20092408)
        371220.55   3810339.60   8.17075c (20092408)   371194.50
3810346.21   8.28377c (20092408)
        371168.45   3810352.81   8.39494c (20092408)   371352.12
3810404.20   6.14127c (20092408)
        371325.10   3810411.05   6.26885c (20092408)   371298.09
3810417.90   6.38674c (20092408)
        371271.07   3810424.75   6.49347c (20092408)   371244.06
3810431.60   6.59899c (20092408)
        371217.04   3810438.45   6.69425c (20092408)   371190.03
3810445.30   6.77488c (20092408)

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        371163.01   3810452.16        6.85694c (20092408)               371405.92
3810488.51        5.06795c (20092408)
        371379.10   3810495.32        5.15886c (20092408)               371352.29
3810502.12        5.24635c (20092408)
        371325.47   3810508.92        5.33039c (20092408)               371298.65
3810515.72        5.40687c (20092408)
        371271.84   3810522.52        5.48191c (20092408)               371245.02
3810529.32        5.55007c (20092408)
        371218.20   3810536.12        5.61074c (20092408)               371191.39
3810542.92        5.67001c (20092408)
        371164.57   3810549.72        5.71645c (20092408)               371137.75
3810556.53        5.75844c (20092408)
        371459.70   3810572.84        4.27580c (20092408)               371433.01
3810579.61        4.35013c (20092408)
        371406.33   3810586.37        4.42215c (20092408)               371379.64
3810593.14        4.48808c (20092408)
        371352.96   3810599.91        4.54896c (20092408)               371326.27
3810606.68        4.60478c (20092408)
        371299.58   3810613.45        4.65896c (20092408)               371272.90
3810620.21        4.70597c (20092408)
        371246.21   3810626.98        4.75066c (20092408)               371219.53
3810633.75        4.77335c (20092408)
        371192.84   3810640.52        6.01734m (23031108)               371166.15
3810647.29        6.40942m (23031108)
        371139.47   3810654.05        7.24411m (23031108)               371179.09
3810059.53       27.55209m (23031108)
        371201.01   3810071.55       24.64455m (23031108)               371189.44
3810092.64       21.90580m (23031108)
        371204.09   3810042.27       24.48649  (20102424)               371226.01
3810071.55       22.21526m (23031108)
        371211.36   3810104.66       20.12026m (23031108)               371229.09
3810042.27       21.51012  (20102424)
        371249.98   3810075.56       19.59004m (23031108)               371230.45
3810119.71       18.48211m (23031108)
        371254.09   3810042.27       18.56528  (20102424)               371349.98
3810075.56       15.54783c (23031708)
        371341.76   3810107.63       15.72774c (23031708)               371333.55
3810139.69       15.48978c (23031708)
        371318.13   3810167.80       14.13421c (23031708)               371295.50
3810191.96       12.38627m (23031108)
        371272.87   3810216.12       12.55302m (23031108)               371354.09
3810042.27       15.47850  (21020324)
        371449.98   3810075.56       12.37575  (21020324)               371441.76
3810107.63       12.05141  (21020324)
        371433.55   3810139.69       11.82431  (21020324)               371425.33
3810171.75       13.42704c (23031708)
        371405.80   3810215.90       11.97192c (23031708)               371383.17
3810240.06       10.86695c (23031708)
        371360.55   3810264.22       10.66792m (23031108)               371337.92
3810288.38       11.82928m (23031108)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371454.09	3810042.27	11.82902	(21020324)	371549.98	3810075.56	10.51401	(21020324)
371541.76	3810107.63	11.00273	(21020324)	371533.55	3810139.69	11.33219c	(23031708)
371525.33	3810171.75	11.32822c	(23031708)	371517.11	3810203.82	10.08221c	(23031708)
371508.90	3810235.88	10.60520c	(23031708)	371493.47	3810263.99	11.59175c	(23031708)
371470.85	3810288.15	9.67319c	(23031708)	371448.22	3810312.31	6.33418	(20102424)
371425.60	3810336.47	6.22654c	(20092408)	371402.97	3810360.63	6.25966	(20102424)
371380.35	3810384.79	6.14715c	(20092408)	371554.09	3810042.27	10.53474	(21020324)
371649.98	3810075.56	9.72578	(21020324)	371641.76	3810107.63	9.67834	(21020324)
371633.55	3810139.69	9.51862	(21020324)	371625.33	3810171.75	10.01318c	(23031708)
371617.11	3810203.82	9.16440c	(23031708)	371608.90	3810235.88	9.17602c	(23031708)
371600.68	3810267.95	10.61218c	(23031708)	371581.15			

3810312.09 10.49948c (23031708)
371558.52 3810336.25 10.10273c (23031708) 371535.90
3810360.41 6.72497 (22022224)
371513.27 3810384.57 5.15638 (20110224) 371490.65
3810408.73 5.15276c (20092408)
371468.02 3810432.89 5.11091c (20092408) 371445.39
3810457.05 5.07520c (20092408)
371654.09 3810042.27 9.77785 (20102508) 371749.98
3810075.56 8.58051 (21020324)
371741.76 3810107.63 8.61284 (21020324) 371733.55
3810139.69 8.61426 (21020324)
371725.33 3810171.75 8.46037c (23031708) 371717.11
3810203.82 8.41441c (23031708)
371708.90 3810235.88 8.83759c (23031708) 371700.68
3810267.95 8.66953c (23031708)
371692.46 3810300.01 6.88618 (21020324) 371684.24
3810332.07 5.25879 (21020324)
371668.82 3810360.18 5.57401 (21020324) 371646.20
3810384.34 4.45443 (22120524)
371623.57 3810408.50 4.36554c (20092408) 371600.95
3810432.66 4.36868c (20092408)
371578.32 3810456.82 4.35660c (20092408) 371555.69
3810480.98 4.34327c (20092408)
371533.07 3810505.14 4.32476c (20092408) 371510.44
3810529.30 4.29925c (20092408)
371487.82 3810553.46 4.26516c (20092408) 371754.09
3810042.27 8.60571 (20102508)
371146.62 3810066.13 28.31441m (23031108) 371094.34
3810233.14 12.72767c (20092408)
371064.47 3810328.57 9.87698c (20092408) 371046.09
3810427.60 7.89483c (20092408)
371004.72 3810519.44 6.67776c (20092408) 370974.84
3810614.87 7.52309 (22123024)
371119.52 3810240.49 12.04137c (20092408) 371073.44
3810435.11 7.62575c (20092408)
371100.77 3810441.58 7.37369c (20092408) 371064.07
3810535.66 6.26849c (20092408)
371017.11 3810626.92 9.67002 (22123024) 371041.03
3810632.97 9.54265 (22123024)
371219.95 3810008.48 25.88693 (20101724) 371220.98
3809985.98 27.18213 (20101724)
371222.00 3809963.48 28.01012 (20101724) 371223.03
3809940.98 28.53131 (20101724)
371224.06 3809918.48 29.11024c (20092408) 371225.08
3809895.98 29.54505c (20092408)
371244.92 3810009.62 21.82777 (20101724) 371245.95
3809987.12 22.77698 (20101724)
371246.98 3809964.62 23.43244 (20101724) 371248.00
3809942.12 23.90966 (20101724)
371249.03 3809919.62 24.26708 (20101724) 371250.06

3809897.12   24.67102c (20092408)
        371269.90   3810010.76   19.01326 (20101724)   371270.92
3809988.26   19.75087 (20101724)
        371271.95   3809965.76   20.27671 (20101724)   371272.98
3809943.26   20.68060 (20101724)
        371274.00   3809920.76   21.00664 (20101724)   371275.03
3809898.26   21.27127 (20101724)
        371282.90   3810075.72   16.54398 (21020324)   371263.07
3810113.35   18.32492m (23031108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371211.52   3810140.91   17.16861m (23031108)   371293.84
3810034.40   16.21521 (20101724)
        371294.87   3810011.90   16.93077 (20101724)   371295.90
3809989.40   17.50599 (20101724)
        371296.92   3809966.90   17.93228 (20101724)   371297.95
3809944.40   18.26677 (20101724)
        371298.98   3809921.90   18.54811 (20101724)   371300.01
3809899.40   18.77951 (20101724)
        371382.80   3810080.28   14.15750c (23031708)   371362.96
3810117.91   14.42015c (23031708)
        371323.29   3810193.18   11.51786c (23031708)   371393.74
3810038.96   13.58878 (21020324)

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        371394.77   3810016.46       12.05299  (20101724)                371395.79
3809993.96       12.29539  (20101724)
        371396.82   3809971.46       12.49262  (20101724)                371397.85
3809948.96       12.74742  (20101724)
        371398.87   3809926.46       13.33744  (23121708)                371399.90
3809903.96       13.90719  (18120524)
        371482.69   3810084.84       12.21280  (21020324)                371462.86
3810122.47       12.44283c (23031708)
        371423.19   3810197.74       12.46349c (23031708)                371383.52
3810273.01       11.18673c (23031708)
        371144.63   3810339.90        8.87212c (20092408)                371493.64
3810043.52       11.17873  (21020324)
        371494.66   3810021.02       10.77680  (21020324)                371495.69
3809998.52       10.58721  (21020324)
        371496.72   3809976.02       10.84345  (21020324)                371497.74
3809953.52       11.29295  (21020324)
        371498.77   3809931.02       11.86394  (23121708)                371499.80
3809908.52       12.67127  (20102508)
        371582.59   3810089.40       10.09998  (21020324)                371562.75
3810127.03       10.38717  (21020324)
        371443.75   3810352.84        5.92222  (20110224)                371225.67
3810415.36        6.93741c (20092408)
        371593.53   3810048.08       10.53573  (21020324)                371594.56
3810025.58       10.67425  (20102508)
        371595.59   3810003.08       10.60706  (20102508)                371596.61
3809980.58       10.77914  (20102508)
        371597.64   3809958.08       10.97048  (20102508)                371598.67
3809935.58       11.07596  (20102508)
        371599.69   3809913.08       10.65498  (20102508)                371681.96
3810094.95        9.26862  (21020324)
        371661.08   3810134.56        9.23832  (21020324)                371514.94
3810411.87        4.97783c (20092408)
        371504.50   3810431.67        4.90258c (20092408)                371472.15
3810456.08        4.92835c (20092408)
        371362.59   3810479.08        5.38051c (20092408)                371296.85
3810492.89        5.62410c (20092408)
        371253.03   3810502.09        5.76928c (20092408)                371209.21
3810511.29        5.90001c (20092408)
        371165.38   3810520.49        6.01468c (20092408)                371121.56
3810529.69        6.10449c (20092408)
        371693.43   3810052.64        9.17644  (21020324)                371694.45
3810030.14        9.28087  (20102508)
        371695.48   3810007.64        9.57076  (20102508)                371696.51
3809985.14        9.44134  (20102508)
        371697.54   3809962.64        8.66829  (20102508)                371698.56
3809940.14        8.02069  (20102508)
        371699.59   3809917.64        8.01472  (20102508)                371781.95
3810099.34        7.91573  (20102508)
        371761.25   3810138.61        8.23839  (21020324)                371668.12
3810315.32        5.63654  (21020324)
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        371564.64   3810511.67        4.14824c (20092408)                371532.57
3810535.87        4.16825c (20092408)
        371445.68   3810554.11        4.44098c (20092408)                371402.24
3810563.23        4.57585c (20092408)
        371358.80   3810572.35        4.70645c (20092408)                371315.36
3810581.48        4.82547c (20092408)
        371271.91   3810590.60        4.92980c (20092408)                371228.47
3810599.72        5.02099c (20092408)
        371185.03   3810608.84        5.08838c (20092408)                371141.58
3810617.96        6.31944m (23031108)
        371098.14   3810627.08        6.55589m (23031108)                371793.32
3810057.20        8.05162  (21020324)
        371794.35   3810034.70        8.13159  (20102508)                371795.38
3810012.20        8.45727  (20102508)
        371796.40   3809989.70        8.32344  (20102508)                371797.43
3809967.20        7.83689  (20102508)
        371798.46   3809944.70        7.61902  (20102508)                371799.49
3809922.20        7.54743  (20102508)
♠ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                 PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371214.78   3809870.57       33.02157c (20092408)                371243.11
3809869.32       26.48606c (20092408)
        371229.45   3809846.30       29.60979c (20092408)                371267.21
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3809866.99 22.84339c (20092408)
371257.78 3809845.06 24.51435c (20092408) 371288.89
3809854.93 20.93974 (18120524)
371294.45 3809877.16 19.57614c (20092408) 371279.28
3809832.30 24.81365 (18120524)
371375.20 3809805.13 19.15576 (18120524) 371381.37
3809829.84 18.46531 (18120524)
371387.55 3809854.55 16.75605 (18120524) 371393.73
3809879.25 14.77897 (18120524)
371365.28 3809781.27 18.47685 (18120524) 371461.31
3809754.57 13.23996 (23121708)
371467.73 3809780.23 12.04018 (23121708) 371474.14
3809805.89 12.70500 (23121708)
371480.56 3809831.55 11.97069 (23121708) 371486.97
3809857.21 12.12076 (20102508)
371493.38 3809882.86 12.91524 (20102508) 371451.28
3809730.24 15.41015 (18120524)
371547.19 3809703.07 11.36576 (23121708) 371553.37
3809727.78 12.13537 (23121708)
371559.55 3809752.48 12.97244 (23121708) 371565.72
3809777.19 13.02428 (23121708)
371571.90 3809801.90 12.53806 (23121708) 371578.08
3809826.61 11.87233 (23121708)
371584.25 3809851.31 10.93834 (23121708) 371590.43
3809876.02 10.99849 (20102508)
371537.28 3809679.20 10.93007 (18120524) 371633.26
3809652.32 8.69849 (18120524)
371639.58 3809677.59 8.78015 (23121708) 371645.90
3809702.86 8.88008 (23121708)
371652.21 3809728.12 9.52429 (23121708) 371658.53
3809753.39 10.11737 (23121708)
371664.85 3809778.66 9.90914 (23121708) 371671.16
3809803.93 9.00859m (23021624)
371677.48 3809829.20 8.55947m (23021624) 371683.80
3809854.47 8.66740m (23021624)
371690.11 3809879.74 8.99070 (20102508) 371623.27
3809628.17 9.16229 (18120524)
371719.31 3809601.48 7.84605 (21011308) 371725.72
3809627.14 7.97447 (21011308)
371732.14 3809652.80 7.44144 (21011308) 371738.55
3809678.45 7.55398 (23121708)
371744.97 3809704.11 7.60609m (23021624) 371751.38
3809729.77 7.62197m (23021624)
371757.79 3809755.43 7.45546m (23021624) 371764.21
3809781.08 7.25391m (23021624)
371770.62 3809806.74 7.10893m (23021624) 371777.04
3809832.40 6.95340m (23021624)
371783.45 3809858.06 6.82931m (23021624) 371789.86
3809883.72 6.84588 (20102508)
371709.27 3809577.14 8.13398 (18120524) 371346.42

3809991.86   14.30200 (20101724)
        371426.40   3810051.89   11.47621 (21020324)   371506.38
3810111.91   11.35545 (21020324)
        371586.37   3810171.93   10.48457c (23031708)   371666.35
3810231.95   9.36431c (23031708)
        371225.42   3809816.25   32.18319 (18120524)   371228.18
3809792.75   33.15182 (18120524)
        371230.94   3809769.26   33.40576 (18120524)   371233.69
3809745.77   32.91286 (18120524)
        371236.45   3809722.27   33.49228 (18120524)   371250.25
3809819.16   28.24758 (18120524)
        371253.01   3809795.67   30.13339 (18120524)   371255.77
3809772.17   29.41190 (18120524)
        371258.52   3809748.68   25.77789 (18120524)   371261.28
3809725.19   22.84580 (18120524)
        371277.84   3809798.58   27.36767 (18120524)   371280.60
3809775.09   27.59025 (18120524)
        371283.35   3809751.59   25.09115 (18120524)   371286.11
3809728.10   21.83979 (18120524)
        371302.67   3809801.49   22.97481 (18120524)   371305.43
3809778.00   22.68253 (18120524)
        371308.18   3809754.51   22.24233 (18120524)   371310.94
3809731.01   18.97685 (18120524)
        371370.51   3809941.67   13.78382 (20101724)   371401.99
3809813.15   17.90541 (18120524)
        371404.74   3809789.65   18.47370 (18120524)   371407.50
3809766.16   18.96244 (18120524)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371410.26	3809742.67	19.07922	(18120524)	371476.46	3809936.74	11.65593	(23121708)
371459.89	3809978.20	11.05524	(21020324)	371443.32	3810019.66	11.24268	(21020324)
371504.06	3809801.31	12.65699	(23121708)	371506.82	3809777.81	12.22742	(23121708)
371509.58	3809754.32	11.00542	(23121708)	371575.17	3809949.93	11.22663	(20102508)
371566.57	3809971.43	10.99568	(20102508)	371557.98	3809992.92	10.75128	(21020324)
371549.39	3810014.42	10.69176	(21020324)	371532.20	3810057.41	10.65995	(21020324)
371523.61	3810078.91	11.48205	(21020324)	371603.38	3809812.96	11.16842	(23121708)
371606.14	3809789.47	11.49901	(23121708)	371608.89	3809765.98	10.67276	(23121708)
371667.50	3809979.05	9.04009	(20102508)	371651.39	3810019.36	9.89498	(20102508)
371627.22	3810079.82	9.84117	(21020324)	371611.11	3810120.12	9.98717	(21020324)
371702.70	3809824.62	7.90736m	(23021624)	371705.46	3809801.12	7.80075m	(23021624)
371708.21	3809777.63	7.85851m	(23021624)	371774.42	3809971.70	7.77992	(20102508)
371757.85	3810013.16	8.63028	(20102508)	371716.41	3810116.81	8.88133	(21020324)
371699.84	3810158.27	8.81072c	(23031708)	371683.27	3810199.72	8.56024c	(23031708)
371802.02	3809836.27	6.78655m	(23021624)	371804.78	3809812.78	6.84602m	(23021624)
371807.53	3809789.28	6.89759m	(23021624)	371241.61	3809695.52	33.01896	(18120524)
371238.97	3809652.85	30.66194	(23120508)	371236.33	3809610.18	28.75486c	(20092408)
371233.69	3809567.51	28.67857c	(20092408)	371266.56	3809693.97	28.42475	(18120524)
371263.92	3809651.30	28.36926	(23120508)	371261.28	3809608.63	27.93544	(23120508)
371258.64	3809565.96	31.51453	(23120508)	371291.52	3809692.43	27.73450	(18120524)
371288.88	3809649.76	29.75879	(18120524)	371286.24	3809607.09	28.50853	(23120508)
371283.60	3809564.42	31.09385	(23120508)	371315.33	3809704.99	21.58328	(18120524)

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        371315.15   3809669.55       23.52419  (18120524)                371312.51
3809626.88       27.44956  (18120524)
        371309.87   3809584.21       28.55841  (18120524)                371414.77
3809703.52       15.54630  (18120524)
        371414.96   3809663.37       14.34636  (18120524)                371412.32
3809620.70       15.77215  (18120524)
        371409.68   3809578.03       16.72482  (18120524)                371514.39
3809699.70       10.57755  (18120524)
        371514.77   3809657.20       11.16701  (18120524)                371512.13
3809614.53       11.91489  (18120524)
        371509.49   3809571.86       12.54710  (18120524)                371614.38
3809691.17       10.31156  (23121708)
        371611.36   3809728.80        9.83893  (23121708)                371611.94
3809608.35        9.62433  (18120524)
        371609.30   3809565.68       10.23508  (18120524)                371714.08
3809686.34        8.35472  (23121708)
        371710.84   3809726.66        8.09965m (23021624)                371707.79
3809538.17        8.56570  (18120524)
        371813.81   3809681.17        6.56532m (23021624)                371810.41
3809723.50        6.82604m (23021624)
        371807.01   3809765.83        6.92050m (23021624)                371814.19
3809638.67        6.74091  (21011308)
        371811.55   3809596.00        7.04276  (21011308)                371808.91
3809553.33        7.26290  (21011308)
        371220.42   3809538.97       31.17785  (22011608)                371200.28
3809503.49       36.49498c (22120408)
        371252.23   3809544.37       31.54136  (23120508)                371232.09
3809508.89       34.44676  (23120508)
        371273.97   3809532.04       32.64468  (23120508)                371253.84
3809496.56       35.26044  (23120508)
        371299.99   3809534.09       27.46217  (18120524)                371285.65
3809501.96       31.56754  (23120508)
        371265.51   3809466.48       31.36814  (23120508)                371387.82
3809487.61       17.38745  (18120524)
        371398.09   3809522.16       17.17761  (18120524)                371372.62
3809452.60       19.52752  (23120508)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                   PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371352.49	3809417.12	21.23933	(23120508)	371475.16	3809439.50	16.93567	(23120508)
371486.16	3809476.50	17.40139	(18120524)	371497.16	3809513.51	14.46867	(18120524)
371459.59	3809403.25	18.43256	(23120508)	371439.46	3809367.77	23.52662	(23120508)
371562.34	3809390.83	13.23580	(23120508)	371573.75	3809429.21	11.99619	(18120524)
371585.16	3809467.59	11.62611	(18120524)	371596.57	3809505.97	11.11559	(18120524)
371546.56	3809353.90	14.16386	(23120508)	371526.43	3809318.42	16.14293	(23120508)
371648.95	3809340.27	14.94231	(23120508)	371659.65	3809376.26	11.68685	(23120508)
371670.35	3809412.24	10.82229	(18120524)	371681.04	3809448.22	10.39617	(18120524)
371691.74	3809484.20	9.35823	(18120524)	371633.54	3809304.54	17.44395	(23120508)
371613.40	3809269.06	18.90305	(23120508)	371736.08	3809291.44	11.95130	(23120508)
371747.08	3809328.45	10.19784	(23120508)	371758.08	3809365.46	8.87184	(23120508)
371769.09	3809402.46	8.34711	(18120524)	371780.09	3809439.47	8.01828	(18120524)
371791.09	3809476.48	7.65046	(18120524)	371802.09	3809513.49	7.38229	(21011308)
371720.51	3809255.19	13.72391	(23120508)	371700.38	3809219.71	16.41895	(23120508)
371213.90	3809479.62	39.93143	(23120508)	371371.98	3809566.64	20.42657	(18120524)
371468.70	3809592.05	13.45736	(18120524)	371479.88	3809549.49	13.59380	(18120524)
371565.41	3809617.46	10.87716	(18120524)	371576.59	3809574.90	10.84559	(18120524)
371662.13	3809642.86	8.27760	(23121708)	371673.31			

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3809600.30        8.50741  (18120524)
        371758.85   3809668.27        7.06969  (23121708)                371770.03
3809625.71        7.27433  (21011308)
        371231.90   3809459.40       34.98993  (23120508)                371348.34
3809595.09       25.78132  (18120524)
        371438.82   3809641.46       14.85496  (18120524)                371240.09
3809428.48       27.36325  (23120508)
        371246.85   3809388.73       25.00447  (23120508)                371264.74
3809432.67       25.93047  (23120508)
        371271.50   3809392.92       22.85177  (23120508)                371286.01
3809456.74       27.02204  (23120508)
        371292.76   3809416.99       22.58941  (23120508)                371299.52
3809377.24       21.33213  (23120508)
        371304.23   3809475.64       27.76723  (23120508)                371314.03
3809441.05       22.41771  (23120508)
        371320.79   3809401.30       20.72802  (23120508)                371409.24
3809477.68       16.97469  (18120524)
        371416.00   3809437.93       21.00481  (23120508)                371422.75
3809398.18       23.42070  (23120508)
        371511.21   3809474.56       15.58251  (18120524)                371517.96
3809434.81       13.71458  (23120508)
        371598.70   3809528.85       10.86359  (18120524)                371544.72
3809652.49       11.02493  (18120524)
        371613.17   3809471.43       11.76485  (18120524)                371619.93
3809431.68       12.23898  (18120524)
        371688.94   3809564.74        8.63977  (18120524)                371708.38
3809508.06        8.81873  (18120524)
        371715.14   3809468.31        9.02684  (18120524)                371788.17
3809580.02        7.30600  (21011308)
        371813.72   3809485.07        7.29577  (21011308)                371225.14
3809339.67       26.78916  (23120508)
        371181.23   3809340.45       41.80159  (20010708)                371137.32
3809341.23       35.65200  (18011308)
        371244.09   3809323.38       24.18557  (23120508)                371269.18
3809352.56       22.78575  (23120508)
        371202.74   3809315.07       31.41977  (20010708)                371158.83
3809315.85       38.94692  (20010708)
        371243.65   3809298.38       25.32880  (20010708)                371288.14
3809336.26       22.40361  (23120508)
        371202.29   3809290.07       28.11928  (20010708)                371158.38
3809290.85       34.44626  (20010708)
        371243.21   3809273.38       28.95257  (20010708)                371282.01
3809290.78       25.95078  (23120508)
        371307.10   3809319.96       21.75248  (23120508)                371318.48
3809360.94       20.86413  (23120508)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371201.85	3809265.08	26.66449	(20010708)	371157.94	3809265.86	28.16039	(21092708)
371241.43	3809173.40	28.95689	(20010708)	371280.23	3809190.80	28.75043	(20010708)
371319.03	3809208.19	27.47341	(20010708)	371357.84	3809225.59	25.23026	(20010708)
371382.93	3809254.77	25.55254	(23120508)	371394.31	3809295.75	26.13059	(23120508)
371405.68	3809336.72	25.73654	(23120508)	371200.07	3809165.09	28.75675	(20010708)
371156.16	3809165.87	28.77374	(20010708)	371239.65	3809073.42	24.98650	(20010708)
371278.46	3809090.81	25.48987	(20010708)	371317.26	3809108.21	25.58799	(20010708)
371356.06	3809125.60	24.94929	(20010708)	371394.86	3809143.00	23.48585	(20010708)
371433.66	3809160.40	21.43911	(23120508)	371458.76	3809189.58	22.27500	(23120508)
371470.13	3809230.55	23.03502	(23120508)	371481.51	3809271.53	23.11452	(23120508)
371492.89	3809312.50	19.23498	(23120508)	371504.27	3809353.47	15.80432	(23120508)
371515.65	3809394.44	14.30378	(23120508)	371198.30	3809065.11	24.41196	(20010708)
371154.39	3809065.89	24.65243	(21092708)	371237.88	3808973.43	22.03164	(21092708)

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        371276.68   3808990.83       21.01733  (21092708)               371315.48
3809008.22       22.24075  (20010708)
        371354.28   3809025.62       22.11780  (20010708)               371393.09
3809043.02       19.24001  (20010708)
        371431.89   3809060.41       21.08016  (20010708)               371470.69
3809077.81       20.26388  (20010708)
        371509.49   3809095.20       18.94727  (23120508)               371534.58
3809124.39       19.68744  (23120508)
        371545.96   3809165.36       20.50853  (23120508)               371557.34
3809206.33       20.79215  (23120508)
        371568.72   3809247.31       20.54782  (23120508)               371580.10
3809288.28       19.73890  (23120508)
        371591.48   3809329.25       17.28889  (23120508)               371602.86
3809370.22       15.33210  (23120508)
        371196.52   3808965.12       22.24438  (21092708)               371152.61
3808965.90       22.25419  (21092708)
        371236.10   3808873.45       20.50047  (21092708)               371274.90
3808890.84       20.49294  (21092708)
        371313.71   3808908.24       20.13217  (21092708)               371352.51
3808925.64       20.33126  (20010708)
        371391.31   3808943.03       17.84738  (20010708)               371430.11
3808960.43       17.78628  (20010708)
        371468.92   3808977.82       19.71653  (20010708)               371507.72
3808995.22       17.72366  (20010708)
        371546.52   3809012.62       15.82432  (20010708)               371585.32
3809030.01       16.64899  (23120508)
        371610.41   3809059.20       17.64136  (23120508)               371621.79
3809100.17       18.42145  (23120508)
        371633.17   3809141.14       18.79610  (23120508)               371644.55
3809182.11       18.70797  (23120508)
        371655.93   3809223.09       15.75775  (23120508)               371667.31
3809264.06       14.21857  (23120508)
        371678.69   3809305.03       13.53975  (23120508)               371690.07
3809346.01       12.19555  (23120508)
        371701.44   3809386.98        9.84150  (18120524)               371712.82
3809427.95        9.40437  (18120524)
        371194.74   3808865.14       20.43475  (21092708)               371150.83
3808865.92       20.27365  (21092708)
        371234.32   3808773.46       18.85630  (21092708)               371273.13
3808790.86       19.09186  (21092708)
        371311.93   3808808.25       19.06400  (21092708)               371350.73
3808825.65       18.74245  (21092708)
        371389.53   3808843.05       17.60756  (21092708)               371428.34
3808860.44       16.35694  (20010708)
        371467.14   3808877.84       14.26981  (20010708)               371505.94
3808895.24       15.24549  (20010708)
        371544.74   3808912.63       13.07987  (20010708)               371583.55
3808930.03       14.14170  (20010708)
        371622.35   3808947.42       13.93180  (20010708)               371661.15
3808964.82       15.04126  (23120508)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371686.24	3808994.00	15.91988	(23120508)	371697.62	3809034.98	16.64410	(23120508)
371709.00	3809075.95	17.03488	(23120508)	371720.38	3809116.92	17.11463	(23120508)
371731.76	3809157.90	16.83485	(23120508)	371743.14	3809198.87	16.07667	(23120508)
371754.52	3809239.84	14.18733	(23120508)	371765.89	3809280.81	12.04927	(23120508)
371777.27	3809321.79	10.04469	(23120508)	371788.65	3809362.76	8.51959	(18120524)
371800.03	3809403.73	7.91271	(18120524)	371811.41	3809444.70	7.51215	(18120524)
371192.97	3808765.15	18.52682	(21092708)	371149.06	3808765.93	18.06700	(21092708)
371114.74	3809341.85	34.89085	(18011308)	371070.05	3809343.06	39.24135	(23011724)
371025.36	3809344.27	44.65696	(23011724)	371114.06	3809316.86	34.43254	(18011308)
371069.37	3809318.07	37.84993	(20010708)	371024.69	3809319.28	40.65560	(21092708)
371135.72	3809291.26	36.39971	(20010708)	371091.04			

3809292.47 37.49656 (20010708)
371046.35 3809293.68 33.29515 (21092708) 371001.66
3809294.90 35.65519 (21092708)
371135.05 3809266.27 28.93319 (21092708) 371090.36
3809267.48 30.58729 (21092708)
371045.67 3809268.69 31.59052 (21092708) 371000.99
3809269.91 35.82637 (21092708)
371132.33 3809166.30 28.77500 (20010708) 371087.64
3809167.52 28.66749 (20010708)
371042.96 3809168.73 28.40520 (20010708) 370998.27
3809169.94 27.76062 (20120808)
371129.62 3809066.34 24.89409 (21092708) 371084.93
3809067.55 24.39277 (21092708)
371040.24 3809068.77 23.75149 (21092708) 370995.56
3809069.98 23.91477 (18120408)
371126.90 3808966.38 22.18168 (21092708) 371082.22
3808967.59 21.92820 (21092708)
371037.53 3808968.80 21.89625 (21092708) 370992.84
3808970.02 20.87928 (21092708)
371124.19 3808866.41 20.06199 (21092708) 371079.50
3808867.63 19.56893 (21092708)
371034.82 3808868.84 18.89048 (21092708) 370990.13
3808870.05 18.57204 (20041008)
371121.47 3808766.45 17.67679 (21092708) 371076.79
3808767.66 16.71144 (21092708)
371032.10 3808768.88 15.46173 (20041008) 370987.41
3808770.09 16.43985 (20041008)
371028.69 3809369.08 56.72910c (22120408) 371053.68
3809368.30 52.43352c (22120408)
371078.66 3809367.51 48.94563c (22120408) 371103.65
3809366.72 45.80341c (22120408)
371203.60 3809363.57 35.74097 (23120508) 371601.97
3809305.59 18.46741 (23120508)
370967.46 3809295.55 41.47079 (21092708) 371023.31
3809282.64 32.94684 (21092708)
370970.16 3809270.70 37.68801 (21092708) 371026.01
3809257.79 34.22825 (21092708)
370991.61 3809247.88 35.29553 (21092708) 370954.11
3809243.81 36.43104 (21092708)
371028.71 3809232.93 33.15887 (21092708) 371060.00
3809248.67 31.18686 (21092708)
370994.31 3809223.03 33.25997 (20010708) 370956.81
3809218.95 33.24640 (20041008)
371039.51 3809133.52 25.93677 (18120408) 371070.79
3809149.25 27.51000 (20010708)
371155.65 3809204.78 30.76642 (20010708) 371168.94
3809237.18 29.98931 (20010708)
371005.11 3809123.61 26.18974 (18120408) 370967.60
3809119.54 26.53857 (20120808)
371050.30 3809034.10 22.92173 (21092708) 371159.81

3809089.17   25.18740 (21092708)
        371191.09   3809104.90   26.03966 (20010708)   371229.02
3809136.84   27.50123 (20010708)
        371255.60   3809201.63   29.86116 (20010708)   371268.89
3809234.03   30.46528 (20010708)
        371282.19   3809266.43   27.91163 (20010708)   371015.91
3809024.20   22.83620 (21092708)
        370978.40   3809020.12   22.46752 (23112524)   371062.14
3808935.21   21.27859 (21092708)
        371178.95   3808993.95   22.79938 (21092708)   371212.32
3809010.73   22.96398 (21092708)
        371245.69   3809027.51   23.28295 (20010708)   371279.06
3809044.30   23.97897 (20010708)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371302.84   3809069.97   24.77712 (20010708)   371331.19
3809139.09   26.06934 (20010708)
        371345.37   3809173.65   25.96734 (20010708)   371026.70
3808924.78   20.72736 (21092708)
        370989.20   3808920.71   19.71851 (20041008)   371072.72
3808835.68   18.59808 (21092708)
        371105.65   3808852.25   19.47813 (21092708)   371171.52
3808885.37   20.75883 (21092708)

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        371204.45   3808901.93       21.07849  (21092708)               371237.38
3808918.49       21.22667  (21092708)
        371270.32   3808935.05       21.14644  (21092708)               371303.25
3808951.62       20.81289  (20010708)
        371336.18   3808968.18       20.14696  (20010708)               371376.11
3809001.79       18.52532  (20010708)
        371404.09   3809070.00       20.01213  (20010708)               371418.08
3809104.11       22.34366  (20010708)
        371037.50   3808825.37       17.26409  (21092708)               370999.99
3808821.29       17.25706  (20041008)
        371083.37   3808736.20       16.13859  (21092708)               371181.31
3808785.45       18.86351  (21092708)
        371213.96   3808801.87       19.31143  (21092708)               371246.61
3808818.28       19.59532  (21092708)
        371279.25   3808834.70       19.67765  (21092708)               371311.90
3808851.12       19.55161  (21092708)
        371344.55   3808867.54       18.68193  (21092708)               371377.19
3808883.96       16.65194  (21092708)
        371409.84   3808900.37       15.67282  (20010708)               371449.42
3808933.70       18.16328  (20010708)
        371477.16   3809001.31       19.99385  (20010708)               371491.03
3809035.12       19.25648  (20010708)
        371504.89   3809068.93       18.79343  (20010708)               371048.30
3808725.95       14.91002  (21092708)
        371010.79   3808721.88       14.54577  (20041008)               371130.62
3809235.69       28.43293  (21092708)
        371235.07   3809238.10       31.60489  (20010708)               371226.97
3809208.93       30.63304  (20010708)
        371323.33   3809182.18       27.02021  (20010708)               371427.78
3809184.59       22.43578  (23120508)
        371524.13   3809157.83       20.63975  (23120508)               370932.62
3809258.34       39.44684  (21092708)
        370899.12   3809241.05       41.35324  (20041008)               370927.34
3809227.48       36.44771  (21092708)
        370938.80   3809205.26       33.23428  (20041008)               370983.77
3809200.33       31.13812  (20010708)
        370950.27   3809183.05       30.56417  (20120808)               371096.95
3809194.28       30.23374  (20010708)
        371029.62   3809111.47       25.70251  (21092708)               370996.12
3809094.18       24.97231  (18120408)
        371087.13   3809036.94       23.25830  (21092708)               371133.75
3809094.27       25.55673  (21092708)
        371157.05   3809122.93       26.72930  (20010708)               371180.36
3809151.60       28.11172  (20010708)
        371041.98   3809005.32       22.66136  (21092708)               371204.51
3809036.03       23.58751  (21092708)
        371252.04   3809094.49       25.80131  (20010708)               371275.80
3809123.72       26.69234  (20010708)
        371299.56   3809152.95       27.27123  (20010708)               371121.34
3808933.74       21.51584  (21092708)
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        371087.84   3808916.45       20.92507  (21092708)               371247.53
3808943.68       21.51949  (21092708)
        371327.87   3809042.49       23.67450  (20010708)               371350.82
3809070.73       23.87574  (20010708)
        371373.77   3809098.96       23.45075  (20010708)               371167.19
3808844.87       19.94509  (21092708)
        371133.69   3808827.58       19.28337  (21092708)               371317.93
3808885.00       19.83422  (21092708)
        371387.85   3808971.00       18.42693  (20010708)               371411.16
3808999.67       18.28561  (20010708)
        371434.46   3809028.33       20.58952  (20010708)               371457.77
3809057.00       20.79837  (20010708)
        371179.55   3808738.72       17.84714  (21092708)               370867.46
3809234.56       41.86006  (20041008)
        370843.15   3809230.50       43.21798  (20041008)               370895.89
3809213.95       36.57118  (20041008)
        370871.58   3809209.90       36.87861  (20120808)               370900.00
3809189.29       33.57295  (20120808)
        370875.69   3809185.24       34.07860  (20120808)               370918.81
3809169.52       30.97445  (20120808)
        370879.80   3809160.58       32.30870  (20041008)               370940.17
3809072.51       25.87617  (20041008)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        16:33:39

                                  PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

370896.26	3809061.94	28.00596	(20041008)	370959.07	3808974.69	21.91937	(20041008)
370937.02	3808967.36	22.69625	(20041008)	371012.28	3808888.26	18.97477	(21092708)
371051.48	3808901.29	20.04664	(21092708)	371011.93	3808784.04	16.19982	(23011724)
371053.94	3808798.00	16.92236	(21092708)	371095.94	3808811.96	18.36778	(21092708)
370945.62	3808766.03	17.49515	(20041008)	370921.31	3808761.97	18.03988	(20041008)
371008.43	3808678.78	13.19139	(23041724)	371030.48	3808686.10	13.61129	(23041724)
371052.54	3808693.43	14.09610	(21092708)	371074.59	3808700.76	14.86119	(21092708)
371096.64	3808708.09	15.53569	(21092708)	371118.69	3808715.42	16.22166	(21092708)
371140.75	3808722.75	16.90326	(21092708)	370986.38	3808671.45	14.11694	(20041008)
370962.07	3808667.39	14.57402	(20041008)	370937.76	3808663.34	14.67430	(20041008)
371339.04	3809255.16	26.41804	(23120508)	371439.04	3809255.16	24.19209	(23120508)
370908.89	3809261.42	42.22267	(21092708)	371333.84	3809341.70	21.09536	(23120508)
371397.80	3809452.69	19.60951	(23120508)	370889.69	3809134.21	31.44602	(20041008)
370883.21	3809090.99	30.26855	(20041008)	370876.73	3809047.77	28.75541	(20041008)
370914.42	3809130.50	29.64764	(20041008)	370907.93	3809087.28	28.20651	(20041008)
370898.21	3809022.45	26.39815	(20041008)	370942.38	3809148.40	28.94497	(20120808)
370935.90	3809105.18	27.35104	(20041008)	370926.17	3809040.35	25.45789	(20041008)
370965.18	3809161.78	28.68092	(20120808)	370950.90	3809036.65	23.91441	(23112524)
371059.08	3809191.38	30.39823	(20010708)	371062.76	3809108.25	25.55821	(21092708)
371151.92	3809028.59	23.58532	(21092708)	371259.17	3809141.21	27.50273	(20010708)
371257.30	3809056.97	24.42442	(20010708)	371355.47	3809149.44	25.33320	(20010708)
371338.65	3809298.98	26.30992	(23120508)	371349.71	3808998.92	20.70187	(20010708)
371456.96	3809111.54	20.69202	(20010708)	371445.42	3809214.07	23.17219	(23120508)
371436.20	3809296.10	24.71007	(23120508)	371431.58	3809337.12	24.74216	(23120508)
371451.85	3809005.69	20.64584	(20010708)	370877.58			

3809012.03   27.45908 (20041008)
        370881.83   3808989.54   26.21463 (20041008)   370890.34
3808944.56   24.55431 (20041008)
        370894.60   3808922.07   23.84011 (20041008)   370898.85
3808899.59   22.99010 (20041008)
        370914.91   3808949.21   23.27252 (20041008)   370919.16
3808926.72   22.53829 (20041008)
        370923.42   3808904.23   21.77455 (20041008)   370931.93
3808859.26   19.88768 (20041008)
        370930.96   3808998.84   23.92782 (20041008)   370943.73
3808931.37   21.41402 (20041008)
        370947.98   3808908.88   20.83511 (20041008)   370956.49
3808863.90   19.24608 (20041008)
        370955.53   3809003.48   22.78464 (20041008)   370968.29
3808936.02   20.63620 (20041008)
        370976.80   3808891.04   19.43548 (20041008)   371173.32
3808928.22   21.54750 (21092708)
        371267.32   3808969.30   21.64852 (21092708)   371344.30
3809100.33   24.67913 (20010708)
        371459.58   3809028.97   20.70697 (20010708)   370904.45
3808837.47   20.93548 (20041008)
        370892.30   3808816.40   21.27554 (20041008)   370880.14
3808795.33   21.87797 (20041008)
        370926.11   3808824.98   19.42403 (20041008)   370913.95
3808803.91   19.45987 (20041008)
        370901.80   3808782.84   19.54780 (20041008)   370950.67
3808829.62   18.66876 (20041008)
        370935.61   3808791.41   18.42895 (20041008)   370973.30
3808822.84   18.03052 (20041008)
        370977.18   3808845.70   18.38505 (20041008)   370969.42
3808799.99   17.62132 (20041008)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371056.04	3808750.02	15.76710	(21092708)	371158.18	3808791.46	18.79132	(21092708)
371162.05	3808814.32	19.30327	(21092708)	371142.66	3808700.05	16.34139	(21092708)
371130.50	3808678.98	15.53521	(21092708)	371118.35	3808657.91	14.78493	(21092708)
371233.16	3808672.93	17.02637	(21092708)	371237.04	3808695.79	17.48305	(21092708)
371240.92	3808718.64	17.91810	(21092708)	371244.80	3808741.49	18.32707	(21092708)
371264.19	3808855.76	20.08535	(21092708)	371229.28	3808650.08	16.55567	(21092708)
371217.12	3808629.01	16.02337	(21092708)	371204.97	3808607.94	15.42861	(21092708)
371319.78	3808622.96	16.55437	(21092708)	371323.66	3808645.82	16.86080	(21092708)
371327.54	3808668.67	17.17261	(21092708)	371331.42	3808691.52	17.45903	(21092708)
371335.29	3808714.38	17.72230	(21092708)	371339.17	3808737.23	17.96278	(21092708)
371343.05	3808760.09	18.20740	(21092708)	371346.93	3808782.94	18.38957	(21092708)
371315.90	3808600.11	16.24068	(21092708)	371303.74	3808579.04	15.86405	(21092708)
371291.59	3808557.97	15.44381	(21092708)	371406.40	3808572.99	15.62213	(21092708)
371410.28	3808595.85	15.85819	(21092708)	371414.16	3808618.70	16.05722	(21092708)
371418.04	3808641.55	16.18277	(21092708)	371421.91	3808664.41	16.32242	(21092708)
371425.79	3808687.26	16.40886	(21092708)	371429.67	3808710.12	16.45318	(21092708)
371433.55	3808732.97	16.47429	(21092708)	371437.43	3808755.82	16.38572	(21092708)
371441.31	3808778.68	15.82455	(21092708)	371445.19	3808801.53	15.17211	(20010708)
371449.07	3808824.38	14.93008	(20010708)	371452.95	3808847.24	15.05511	(20010708)
371464.58	3808915.80	16.35278	(20010708)	371402.52	3808550.14	15.39086	(21092708)

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        371390.36   3808529.07       15.20719  (21092708)                371378.21
3808508.00       14.96115  (21092708)
        370877.65   3808756.30       20.25097  (20041008)                370874.81
3808731.98       18.97021  (20041008)
        370871.97   3808707.67       17.58087  (20041008)                370899.64
3808729.09       17.58763  (20041008)
        370896.80   3808704.77       16.61704  (20041008)                370924.47
3808726.19       16.82250  (20041008)
        370921.63   3808701.88       15.98130  (20041008)                370949.30
3808723.29       16.33669  (20041008)
        370946.47   3808698.98       15.74014  (20041008)                371255.79
3808761.45       18.67038  (21092708)
        371448.77   3808689.64       15.98809  (21092708)                371445.93
3808665.33       15.93640  (21092708)
        371443.09   3808641.02       15.84794  (21092708)                370845.48
3808685.63       17.33084  (23112524)
        370821.17   3808687.25       16.81330  (23112524)                370861.47
3808666.41       15.85206  (23112524)
        370859.81   3808641.46       14.92500  (23112524)                370903.95
3808669.24       15.20702  (20041008)
        370858.14   3808616.52       13.77226  (23112524)                370893.45
3808627.98       14.15642  (20041008)
        370874.19   3808524.10       11.06033  (20041008)                370914.54
3808537.20       11.74962  (20041008)
        370954.89   3808550.29       11.79638  (20041008)                370985.17
3808575.49       11.60788  (20041008)
        371005.38   3808612.79       12.40125  (20041008)                371025.59
3808650.09       12.87229  (23041724)
        370890.74   3808431.85        8.56831  (20041008)                370933.11
3808445.60        9.40713  (20041008)
        370975.48   3808459.35       10.05356  (20041008)                371017.85
3808473.10       10.40485  (20041008)
        371049.64   3808499.55       10.89249  (23041724)                371070.86
3808538.72       11.43820  (23041724)
        371092.08   3808577.88       12.33883  (23041724)                371113.29
3808617.05       13.68124  (21092708)
        370907.45   3808339.65        9.15657  (23112524)                370929.18
3808346.70        8.71642  (20041008)
        370950.91   3808353.75        8.53127  (20041008)                370972.63
3808360.80        8.82699  (23032008)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:33:39

                                PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370994.36	3808367.85	9.28945	(23032008)	371016.09	3808374.90	9.47260	(23032008)
371037.82	3808381.95	9.54538	(23032008)	371059.54	3808389.00	9.61621	(23052824)
371081.27	3808396.05	9.77306	(23041724)	371113.88	3808423.19	10.36773	(23041724)
371124.76	3808443.27	10.61125	(23041724)	371135.64	3808463.36	10.74072	(23041724)
371146.52	3808483.44	11.04758	(21092708)	371157.40	3808503.52	11.95823	(21092708)
371168.28	3808523.61	12.81946	(21092708)	371179.16	3808543.69	13.52378	(21092708)
371190.04	3808563.78	14.21512	(21092708)	371200.92	3808583.86	14.85333	(21092708)
370924.23	3808247.48	8.41952	(23112524)	370946.29	3808254.64	8.15794	(20041008)
370968.36	3808261.80	8.01510	(23032008)	370990.43	3808268.96	7.90614	(23032008)
371012.49	3808276.12	7.96624	(23032008)	371034.56	3808283.28	8.42231	(23032008)
371056.63	3808290.44	8.84222	(23032008)	371078.70	3808297.60	8.62027	(23032008)
371100.76	3808304.75	8.28216	(23052824)	371122.83	3808311.91	8.20000	(23052824)
371144.90	3808319.07	8.56712	(23041724)	371178.01	3808346.63	9.63426	(23041724)
371189.06	3808367.03	9.84900	(23041724)	371200.11	3808387.43	10.32658	(21092708)
371211.16	3808407.83	10.95172	(21092708)	371222.21	3808428.23	11.88236	(21092708)
371233.26	3808448.62	12.56780	(21092708)	371244.32			

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3808469.02       13.20076  (21092708)
        371255.37   3808489.42       13.76107  (21092708)                371266.42
3808509.82       14.36420  (21092708)
        371277.47   3808530.22       14.87704  (21092708)                370918.74
3808148.07        6.86934  (23112524)
        370941.04   3808155.31        6.75793  (20041008)                370963.34
3808162.54        7.07704  (20041008)
        370985.64   3808169.78        7.55330  (23032008)                371007.94
3808177.02        7.24501  (23032008)
        371030.24   3808184.25        7.09884  (23032008)                371052.53
3808191.49        7.21321  (23032008)
        371074.83   3808198.72        7.46282  (23032008)                371097.13
3808205.96        7.64583  (23032008)
        371119.43   3808213.19        7.68434  (23032008)                371141.73
3808220.43        7.62400  (23032008)
        371164.03   3808227.66        7.79905  (23052824)                371186.33
3808234.90        8.49618  (23041724)
        371208.63   3808242.13        8.65894  (23041724)                371242.09
3808269.98        9.03075  (21092708)
        371253.26   3808290.59        9.58902  (21092708)                371264.43
3808311.21       10.13857  (21092708)
        371275.59   3808331.82       10.81216  (21092708)                371286.76
3808352.43       11.61785  (21092708)
        371297.93   3808373.05       12.17493  (21092708)                371309.09
3808393.66       12.71654  (21092708)
        371320.26   3808414.27       13.22948  (21092708)                371331.43
3808434.89       13.65254  (21092708)
        371342.59   3808455.50       14.10104  (21092708)                371353.76
3808476.11       14.47375  (21092708)
        370807.24   3808111.90        7.16172  (23112524)                370782.93
3808113.52        7.53580  (23112524)
        370850.78   3808734.63       21.84036  (20041008)                370853.16
3808759.51       24.36086  (20041008)
        370861.00   3809110.37       33.48956  (20041008)                370826.58
3808651.51       15.18376  (23112524)
        370934.22   3808562.55       12.17035  (20041008)                370954.83
3808592.62       12.28554  (20041008)
        370975.43   3808622.70       12.74359  (20041008)                370903.31
3808517.43       11.15346  (20041008)
        370971.99   3808481.43       10.65099  (20041008)                370992.59
3808511.51       10.99857  (20041008)
        371013.20   3808541.59       11.05784  (23041724)                371033.81
3808571.67       11.64496  (23041724)
        371054.41   3808601.74       12.52197  (23041724)                371075.02
3808631.82       13.05285  (23041724)
        371095.62   3808661.90       14.39505  (21092708)                371095.69
3808788.77       17.73078  (21092708)
        370930.77   3808421.27        8.85308  (20041008)                371009.75
3808400.31        9.62925  (23032008)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371030.36	3808430.39	9.89077	(23052824)	371050.96	3808460.47	10.36250	(23041724)
371071.57	3808490.55	10.91652	(23041724)	371092.18	3808520.63	11.22595	(23041724)
371112.78	3808550.71	12.02761	(23041724)	371133.39	3808580.78	13.28563	(21092708)
371154.00	3808610.86	14.53077	(21092708)	371174.60	3808640.94	15.61474	(21092708)
371195.21	3808671.02	16.60351	(21092708)	371105.23	3808888.31	20.37034	(21092708)
371015.19	3808978.74	22.06365	(21092708)	370958.24	3808325.12	8.37767	(20041008)
370922.70	3808314.97	9.21129	(23112524)	370996.00	3808244.00	7.74220	(23032008)
371047.52	3808319.20	9.13623	(23032008)	371068.12	3808349.28	9.29979	(23052824)
371212.37	3808559.82	14.54821	(21092708)	371232.97	3808589.90	15.47899	(21092708)
371253.58	3808619.98	16.21499	(21092708)	371274.18	3808650.06	16.87050	(21092708)
371294.79	3808680.14	17.36279	(21092708)	371320.58	3808781.17	18.66131	(21092708)

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        371114.77   3808987.86       22.51300  (21092708)                371089.04
3809013.69       22.77782  (21092708)
        370967.93   3808223.89        8.13959  (20041008)                371023.46
3808147.85        7.05450  (23032008)
        371074.98   3808223.04        7.37865  (23032008)                371095.58
3808253.12        7.70313  (23032008)
        371116.19   3808283.20        7.85164  (23052824)                371342.86
3808614.06       16.37194  (21092708)
        371363.47   3808644.14       16.73085  (21092708)                371384.07
3808674.22       16.91725  (21092708)
        371404.68   3808704.30       16.88550  (21092708)                371420.16
3808790.29       16.42963  (21092708)
        371394.44   3808816.12       17.61629  (21092708)                371291.53
3808919.47       20.63561  (21092708)
        371175.76   3809035.73       23.79634  (21092708)                371111.45
3809100.32       25.71201  (21092708)
        371085.72   3809126.15       26.40501  (20010708)                371021.41
3809190.74       30.14347  (20010708)
        370931.37   3809281.17       43.18717  (20041008)                370995.39
3808127.73        6.60588  (23032008)
        370822.83   3808712.19       19.18910  (23112524)                370847.14
3808710.57       19.30799  (23112524)
        370858.49   3808807.82       27.14700  (20041008)                370882.80
3808849.96       23.28636  (20041008)
        370848.76   3809029.87       31.94540  (20041008)                370868.21
3809159.53       32.99552  (20041008)
        370839.04   3809234.09       44.80885  (20041008)                370839.04
3809255.16       55.27489c (22120408)
        370887.66   3809263.27       48.83554  (20041008)                370937.91
3809289.20       44.82935  (20041008)
        370946.01   3809318.37       53.74967c (22120408)                371002.27
3809324.48       45.49638  (20010708)
        371003.70   3809369.87       65.15006c (22120408)                371137.76
3809366.23       42.20878  (23113008)
        371225.58   3809364.67       27.77091  (23120508)                371212.07
3809444.17       35.05245  (23120508)
        371189.72   3809473.27       44.17369  (23120508)                371178.54
3809515.83       49.08051c (22120408)
        371208.74   3809569.05       34.74488c (20092408)                371216.66
3809697.06       33.91282c (20092408)
        371211.62   3809719.36       35.60077  (18120524)                371195.08
3809860.32       39.71276c (22120408)
        371186.45   3809871.82       45.96249c (22120408)                371200.11
3809894.84       37.65439c (22120408)
        371192.92   3810052.34       26.76986m (23031108)                371165.59
3810045.87       30.14301m (23031108)
        371154.09   3810042.27       30.56995m (23031108)                371154.09
3810059.53       29.10184m (23031108)
        371146.18   3810064.57       28.62670m (23031108)                371023.91
3810055.93       32.38900c (20092408)
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370430.41	3810099.89	35.70594c	(22120408)	370313.65	3810112.58	32.80107c	(22120408)
370298.42	3810126.97	27.24352c	(22120408)	370223.96	3810150.66	24.37156c	(22120408)
370196.04	3810181.96	18.30303c	(22120408)	370170.66	3810183.66	18.58774c	(22120408)
370135.12	3810190.42	18.95648c	(22120408)	370108.05	3810175.19	24.03955c	(22120408)
370075.05	3810182.81	22.14723c	(22120408)	369956.59	3810155.73	24.84467c	(22120408)
369907.52	3810133.74	24.70929c	(22120408)	369878.75	3810142.20	16.38620c	(22120408)
369864.37	3810132.89	15.91708c	(22120408)	369868.60			

3810115.97 22.06133c (22120408)
  369829.68 3810091.43 13.45782c (22120408) 369822.06
3810071.12 11.55906c (22120408)
  369832.22 3810049.97 11.71272 (21020624) 369849.98
3810046.59 14.50832 (21020624)
  370020.05 3810114.27 32.70439c (22120408) 370020.05
3810077.05 19.79290c (22120408)
  370036.97 3810070.28 18.52006c (22120408) 370049.67
3810076.20 19.45613c (22120408)
  370079.28 3810067.74 18.83096c (22120408) 370097.05
3810031.36 16.02979c (20092408)
  370116.51 3810027.13 16.28781c (20092408) 370171.50
3810050.82 22.24742 (21020508)
  370186.73 3810037.28 25.87017 (20122108) 370218.04
3810033.05 21.96456 (22011708)
  370226.50 3810041.51 23.95293 (22011708) 370244.27
3810027.97 22.70800c (20092408)
  370289.11 3810031.36 26.69414c (22120408) 370324.65
3810044.89 35.78084c (22120408)
  370467.64 3810030.51 43.98008c (22120408) 370478.64
3810027.97 43.65751c (22120408)
  370489.64 3810000.90 37.16930c (20092408) 370531.10
3809993.28 43.98588c (22120408)
  370549.71 3809988.21 50.96701c (22120408) 370578.48
3809983.97 59.82084c (22120408)
  370638.56 3809975.51 57.83825c (22120408) 370652.94
3809970.44 59.74205c (22120408)
  370655.48 3809958.59 64.50392c (22120408) 370597.94
3809958.59 55.83768c (22120408)
  370524.33 3809960.28 42.93996c (20092408) 370494.72
3809938.29 41.03310c (22120408)
  370450.72 3809941.67 31.86646c (20092408) 370431.26
3809942.52 29.35659c (20092408)
  370427.03 3809924.75 29.41972c (20092408) 370430.41
3809906.13 30.97976c (20092408)
  370408.41 3809902.75 28.00251c (20092408) 370394.03
3809710.68 31.31101c (20092408)
  370394.88 3809696.30 30.84649c (20092408) 370402.49
3809685.30 32.46306c (20092408)
  370426.18 3809701.38 45.56878c (22120408) 370426.18
3809625.23 35.70243 (21012808)
  370439.72 3809600.69 37.46750 (21012808) 370503.18
3809546.54 36.06356 (20012908)
  370698.63 3809431.47 45.60580c (22120408) 370715.55
3809438.24 57.11627c (22120408)
  370766.32 3809401.01 61.96534c (22120408) 370767.16
3809342.63 52.80335c (22120408)
  370734.16 3809307.09 36.64389 (22120324) 370739.24
3809271.55 33.07101 (20041008)
  370795.93 3809270.71 49.59005c (22120408) 370795.93

3809163.25   35.66189 (20041008)
        370797.62   3808929.73   25.47113 (20041008)   370806.93
3808880.65   24.80691 (20041008)
        370809.47   3808845.12   23.42393 (20041008)   370813.70
3808830.73   23.60886 (20041008)
        370789.16   3808796.89   18.14203 (18072108)   370801.01
3808766.43   19.14238 (20041008)
        370809.47   3808708.05   17.00424 (20041008)   370812.85
3808699.59   16.84345 (23112524)
        370848.39   3808709.74   19.13437 (23112524)

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
            **

                                                      DATE
                                        NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   80.38470 ON 22022008: AT (370655.48,
3809958.59,   495.91, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

                                                *** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3
**

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	65.15006c ON 22120408:	AT (371003.70, 3809369.87, 500.00, 1482.08, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 93 Warning Message(s)
A Total of 885 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 217 Calm Hours Identified

A Total of 668 Missing Hours Identified (1.52 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 3146 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used

```
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W733    1600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816
 CN W733    3640         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W733    9808         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020021316
 CN W733   10504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316
 CN W733   10528         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416
 CN W733   10552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516
 CN W733   10576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616
 CN W733   10984         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216
 CN W733   11008         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316
 CN W733   11104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716
 CN W733   11416         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016
 CN W733   14072         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020080908
 CN W733   15496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716
 CN W733   15568         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016
 CN W733   15720         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101624
 CN W733   15728         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101708
 CN W733   15872         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020102308
 CN W733   16360         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216
 CN W733   16504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816
 CN W733   16552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016
 CN W733   16576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116
 CN W733   16600         AVER: 8-hr avg, < 6 hours of data, calms policy used.
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2020112216
 CN W733   16624   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316
 CN W733   16648   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416
 CN W733   16672   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516
 CN W733   17152   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516
 CN W733   17296   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116
 CN W733   17752   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916
 CN W733   17776   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016
 CN W733   17800   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116
 CN W733   17824   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216
 CN W733   18088   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316
 CN W733   18112   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416
 CN W733   18136   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516
 CN W733   19208   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031108
 CN W733   19232   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031208
 CN W733   19288   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416
 CN W733   19672   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016
 CN W733   19768   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316
 CN W733   19856   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040708
 CN W733   19904   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040908
 CN W733   20960   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021052308
 CN W733   21232   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021060316
 CN W733   22712   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021080408
 CN W733   23392   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021090116
 CN W733   24280   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100816
 CN W733   24304   AVER: 8-hr avg, < 6 hours of data, calms policy used.

2021100916
 CN W733   29512   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022051416
 CN W733   29768   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022052508
 CN W733   30232   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022061316
 CN W733   31648   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022081116
 CN W733   32344   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022090916
 CN W733   33880   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022111216
 CN W733   33904   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022111316
 CN W733   33928   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022111416
 CN W733   33952   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022111516
 CN W733   34384   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022120316
 CN W733   34792   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022122016
 CN W733   35016   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022122924
 CN W733   35024   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2022123008
 CN W733   35288   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023011008
 CN W733   36112   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023021316
 CN W733   36184   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023021616
 CN W733   36608   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023030608
 CN W733   36712   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023031016
 CN W733   36736   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023031116
 CN W733   36752   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023031208
 CN W733   36760   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023031216
 CN W733   36856   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023031616
 CN W733   37016   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023032308
 CN W733   37216   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023033116
 CN W733   37256   AVER: 8-hr avg, < 6 hours of data, calms policy used.

```
2023040208
 CN W733   37384         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023040716
 CN W733   37568         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023041508
 CN W733   37576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023041516
 CN W733   38392         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023051916
 CN W733   39080         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023061708
 CN W733   39736         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023071416
 CN W733   41416         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023092216
 CN W733   41968         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023101516
 CN W733   42376         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110116
 CN W733   42400         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110216
 CN W733   42424         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110316
 CN W733   42448         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110416
 CN W733   42472         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110516
 CN W733   42496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110616
 CN W733   42520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023110716
 CN W733   43240         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023120716
 CN W733   43696         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2023122616

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1480 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
```

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                                  (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

                NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

                                   *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                          (METERS/SEC)

                                                    1.54,   3.09,   5.14,   8.23,   10.80,

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
                Met Version: 22112

Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0
18	01	01	1	13	160.9	0.252	1.349	0.007	530.	304.	-8.7	0.05	2.01	0.23	2.60	45.	10.0	298.6	9.0
18	01	01	1	14	137.1	0.304	1.368	0.006	648.	402.	-17.8	0.05	2.01	0.24	3.35	63.	10.0	298.6	9.0
18	01	01	1	15	98.3	0.270	1.273	0.006	729.	337.	-17.3	0.05	2.01	0.28	2.96	65.	10.0	298.6	9.0
18	01	01	1	16	38.6	0.184	0.941	0.006	748.	193.	-14.1	0.05	2.01	0.36	1.98	60.	10.0	297.6	9.0
18	01	01	1	17	-6.2	0.111	-9.000	-9.000	-999.	91.	19.4	0.05	2.01	0.62	1.62	36.	10.0	296.0	9.0

```
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
             **


                       NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS      64.94412 AT (  370655.48,  3809958.59,   495.91,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      64.41664 AT (  371003.70,  3809369.87,   500.00,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      61.93026 AT (  370766.32,  3809401.01,   501.99,
 1482.08,    0.00)  DC
```

```
         4TH HIGHEST VALUE IS      60.60925 AT (  370652.94,  3809970.44,   499.77,
 1482.08,    0.00)  DC
         5TH HIGHEST VALUE IS      59.15561 AT (  370578.48,  3809983.97,   485.88,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS      58.70098 AT (  370638.56,  3809975.51,   499.07,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS      58.63563 AT (  370628.50,  3809965.20,   495.27,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS      58.36494 AT (  370573.98,  3809984.15,   485.46,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS      56.95764 AT (  370715.55,  3809438.24,   500.25,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      56.75297 AT (  370757.81,  3809977.54,   486.89,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3148       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
```

```
 ME W187    3148       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/4/2025
** FILE: C:\USERS\ENUNO\DESKTOP\BELCARO\BELCARONO2\BELCARO.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\ENUNO\ONEDRIVE - DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID NO2
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL BELCARO.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.4162161774
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
** 370830.422, 3808728.665, 529.89, 5.00, 4.65
```

** 370847.214, 3808830.193, 524.37, 5.00, 4.65
** 370831.913, 3808930.059, 515.94, 5.00, 4.65
** 370830.165, 3808998.919, 513.74, 5.00, 4.65
** 370821.114, 3809267.159, 504.29, 5.00, 4.65
** 370880.927, 3809277.128, 508.42, 5.00, 4.65
** 370927.558, 3809336.314, 502.53, 5.00, 4.65
** 370986.745, 3809339.901, 504.54, 5.00, 4.65
** 370988.538, 3809384.740, 500.42, 5.00, 4.65
** 371162.511, 3809382.946, 501.79, 5.00, 4.65
** 371167.892, 3810017.857, 497.45, 5.00, 4.65
** 370748.205, 3809949.702, 493.47, 5.00, 4.65
** 370685.432, 3810021.444, 486.33, 5.00, 4.65
** 370631.626, 3810066.282, 482.61, 5.00, 4.65
** 370524.014, 3810066.282, 483.48, 5.00, 4.65
** 370260.364, 3810096.772, 486.06, 5.00, 4.65
** 370115.088, 3810141.610, 487.09, 5.00, 4.65
** 370028.999, 3810157.752, 483.28, 5.00, 4.65
** 369860.407, 3810087.804, 476.22, 5.00, 4.65
** 369869.374, 3810075.250, 476.34, 5.00, 4.65
** 370037.966, 3810139.817, 480.04, 5.00, 4.65
** 370222.700, 3810091.391, 499.32, 5.00, 4.65
** 370298.029, 3810069.869, 481.81, 5.00, 4.65
** 370425.369, 3810051.934, 482.82, 5.00, 4.65
** 370565.265, 3810046.553, 484.12, 5.00, 4.65
** 370559.884, 3809998.128, 485.47, 5.00, 4.65
** 370586.787, 3809994.541, 488.32, 5.00, 4.65
** 370593.961, 3810039.379, 484.02, 5.00, 4.65
** 370626.245, 3810035.792, 484.06, 5.00, 4.65
** 370620.864, 3809996.334, 493.27, 5.00, 4.65
** 370663.909, 3809994.541, 497.13, 5.00, 4.65
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   LOCATION L0001476     VOLUME   370875.546 3809729.940 493.44
   LOCATION L0001477     VOLUME   370875.546 3809739.940 493.15
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   LOCATION L0001480     VOLUME   370849.052 3809743.446 493.21
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** SOURCE PARAMETERS **
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   SRCPARAM L0000008     0.0009569028      5.00      4.65      4.65
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   SRCPARAM L0001480     0.0009569028      5.00      4.65      4.65
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED BELCARO.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE BELCARO.DAT\SCLR_V11_TRIMMED.SFC
   PROFFILE BELCARO.DAT\SCLR_V11_TRIMMED.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
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************************************
** AERMOD OUTPUT PATHWAY
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST BELCARO.AD\01H1GALL.PLT 31
   SUMMFILE BELCARO.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3148       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3148       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
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 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be
simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run
using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1480 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)
```

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date: 22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   36.00 ; Decay
Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =   4.5 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: BELCARO.ERR

 **File for Summary of Results: BELCARO.SUM

 *** AERMOD - VERSION 24142 ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***   08/04/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   11:32:39

                                  PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000001	0	0.95690E-03	370831.2	3808733.6	529.6	5.00	4.65	4.65	YES	NO
L0000002	0	0.95690E-03	370832.9	3808743.5	529.1	5.00	4.65	4.65	YES	NO
L0000003	0	0.95690E-03	370834.5	3808753.3	528.5	5.00	4.65	4.65	YES	NO
L0000004	0	0.95690E-03	370836.1	3808763.2	528.0	5.00	4.65	4.65	YES	NO
L0000005	0	0.95690E-03	370837.8	3808773.1	527.5	5.00	4.65	4.65	YES	NO
L0000006	0	0.95690E-03	370839.4	3808782.9	526.9	5.00	4.65	4.65	YES	NO
L0000007	0	0.95690E-03	370841.0	3808792.8	526.4	5.00	4.65	4.65	YES	NO
L0000008	0	0.95690E-03	370842.7	3808802.7	525.9	5.00	4.65	4.65	YES	NO
L0000009	0	0.95690E-03	370844.3	3808812.5	525.3	5.00	4.65	4.65	YES	NO
L0000010	0	0.95690E-03	370845.9	3808822.4	524.8	5.00	4.65	4.65	YES	NO
L0000011	0	0.95690E-03	370846.9	3808832.3	524.2	5.00	4.65	4.65	YES	NO
L0000012	0	0.95690E-03	370845.4	3808842.1	523.4	5.00	4.65	4.65	YES	NO
L0000013	0	0.95690E-03	370843.9	3808852.0	522.5	5.00	4.65	4.65	YES	NO
L0000014	0	0.95690E-03	370842.4	3808861.9	521.7	5.00	4.65	4.65	YES	NO
L0000015	0	0.95690E-03	370840.8	3808871.8	520.9	5.00	4.65	4.65	YES	NO
L0000016	0	0.95690E-03	370839.3	3808881.7	520.0	5.00	4.65	4.65	YES	NO
L0000017	0	0.95690E-03	370837.8	3808891.6	519.2	5.00	4.65	4.65	YES	NO
L0000018	0	0.95690E-03	370836.3	3808901.5	518.3	5.00	4.65	4.65	YES	NO
L0000019	0	0.95690E-03	370834.8	3808911.3	517.5	5.00	4.65	4.65	YES	NO
L0000020	0	0.95690E-03	370833.3	3808921.2	516.7	5.00	4.65	4.65	YES	NO
L0000021	0	0.95690E-03	370831.9	3808931.1	515.9	5.00	4.65	4.65	YES	NO
L0000022	0	0.95690E-03	370831.6	3808941.1	515.6	5.00	4.65	4.65	YES	NO
L0000023	0	0.95690E-03	370831.4	3808951.1	515.3	5.00	4.65			

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4.65     YES                    NO
 L0000024         0   0.95690E-03  370831.1 3808961.1   514.9     5.00     4.65
4.65     YES                    NO
 L0000025         0   0.95690E-03  370830.9 3808971.1   514.6     5.00     4.65
4.65     YES                    NO
 L0000026         0   0.95690E-03  370830.6 3808981.1   514.3     5.00     4.65
4.65     YES                    NO
 L0000027         0   0.95690E-03  370830.4 3808991.1   514.0     5.00     4.65
4.65     YES                    NO
 L0000028         0   0.95690E-03  370830.1 3809001.1   513.7     5.00     4.65
4.65     YES                    NO
 L0000029         0   0.95690E-03  370829.8 3809011.1   513.3     5.00     4.65
4.65     YES                    NO
 L0000030         0   0.95690E-03  370829.4 3809021.1   513.0     5.00     4.65
4.65     YES                    NO
 L0000031         0   0.95690E-03  370829.1 3809031.1   512.6     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.95690E-03  370828.7 3809041.1   512.2     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.95690E-03  370828.4 3809051.1   511.9     5.00     4.65
4.65     YES                    NO
 L0000034         0   0.95690E-03  370828.1 3809061.1   511.6     5.00     4.65
4.65     YES                    NO
 L0000035         0   0.95690E-03  370827.7 3809071.1   511.2     5.00     4.65
4.65     YES                    NO
 L0000036         0   0.95690E-03  370827.4 3809081.1   510.9     5.00     4.65
4.65     YES                    NO
 L0000037         0   0.95690E-03  370827.1 3809091.0   510.5     5.00     4.65
4.65     YES                    NO
 L0000038         0   0.95690E-03  370826.7 3809101.0   510.1     5.00     4.65
4.65     YES                    NO
 L0000039         0   0.95690E-03  370826.4 3809111.0   509.8     5.00     4.65
4.65     YES                    NO
 L0000040         0   0.95690E-03  370826.0 3809121.0   509.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000041	0	0.95690E-03	370825.7	3809131.0	509.1	5.00	4.65	4.65	YES NO
L0000042	0	0.95690E-03	370825.4	3809141.0	508.7	5.00	4.65	4.65	YES NO
L0000043	0	0.95690E-03	370825.0	3809151.0	508.4	5.00	4.65	4.65	YES NO
L0000044	0	0.95690E-03	370824.7	3809161.0	508.0	5.00	4.65	4.65	YES NO
L0000045	0	0.95690E-03	370824.4	3809171.0	507.7	5.00	4.65	4.65	YES NO
L0000046	0	0.95690E-03	370824.0	3809181.0	507.3	5.00	4.65	4.65	YES NO
L0000047	0	0.95690E-03	370823.7	3809191.0	507.0	5.00	4.65	4.65	YES NO
L0000048	0	0.95690E-03	370823.3	3809201.0	506.6	5.00	4.65	4.65	YES NO
L0000049	0	0.95690E-03	370823.0	3809211.0	506.3	5.00	4.65	4.65	YES NO
L0000050	0	0.95690E-03	370822.7	3809221.0	505.9	5.00	4.65	4.65	YES NO
L0000051	0	0.95690E-03	370822.3	3809231.0	505.6	5.00	4.65	4.65	YES NO
L0000052	0	0.95690E-03	370822.0	3809241.0	505.2	5.00	4.65	4.65	YES NO
L0000053	0	0.95690E-03	370821.7	3809251.0	504.9	5.00	4.65	4.65	YES NO
L0000054	0	0.95690E-03	370821.3	3809260.9	504.5	5.00	4.65	4.65	YES NO
L0000055	0	0.95690E-03	370824.8	3809267.8	504.6	5.00	4.65	4.65	YES NO
L0000056	0	0.95690E-03	370834.7	3809269.4	505.2	5.00	4.65	4.65	YES NO
L0000057	0	0.95690E-03	370844.6	3809271.1	505.9	5.00	4.65	4.65	YES NO
L0000058	0	0.95690E-03	370854.4	3809272.7	506.6	5.00	4.65	4.65	YES NO
L0000059	0	0.95690E-03	370864.3	3809274.4	507.3	5.00	4.65	4.65	YES NO
L0000060	0	0.95690E-03	370874.2	3809276.0	507.9	5.00	4.65	4.65	YES NO
L0000061	0	0.95690E-03	370882.9	3809279.6	508.2	5.00	4.65	4.65	YES NO
L0000062	0	0.95690E-03	370889.1	3809287.5	507.4	5.00	4.65	4.65	YES NO
L0000063	0	0.95690E-03	370895.3	3809295.3	506.6	5.00	4.65		

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4.65     YES                    NO
 L0000064         0   0.95690E-03  370901.4 3809303.2   505.8     5.00     4.65
4.65     YES                    NO
 L0000065         0   0.95690E-03  370907.6 3809311.0   505.1     5.00     4.65
4.65     YES                    NO
 L0000066         0   0.95690E-03  370913.8 3809318.9   504.3     5.00     4.65
4.65     YES                    NO
 L0000067         0   0.95690E-03  370920.0 3809326.7   503.5     5.00     4.65
4.65     YES                    NO
 L0000068         0   0.95690E-03  370926.2 3809334.6   502.7     5.00     4.65
4.65     YES                    NO
 L0000069         0   0.95690E-03  370935.3 3809336.8   502.8     5.00     4.65
4.65     YES                    NO
 L0000070         0   0.95690E-03  370945.3 3809337.4   503.1     5.00     4.65
4.65     YES                    NO
 L0000071         0   0.95690E-03  370955.3 3809338.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000072         0   0.95690E-03  370965.3 3809338.6   503.8     5.00     4.65
4.65     YES                    NO
 L0000073         0   0.95690E-03  370975.3 3809339.2   504.2     5.00     4.65
4.65     YES                    NO
 L0000074         0   0.95690E-03  370985.3 3809339.8   504.5     5.00     4.65
4.65     YES                    NO
 L0000075         0   0.95690E-03  370987.1 3809348.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000076         0   0.95690E-03  370987.5 3809358.4   502.8     5.00     4.65
4.65     YES                    NO
 L0000077         0   0.95690E-03  370987.9 3809368.4   501.9     5.00     4.65
4.65     YES                    NO
 L0000078         0   0.95690E-03  370988.3 3809378.4   501.0     5.00     4.65
4.65     YES                    NO
 L0000079         0   0.95690E-03  370992.2 3809384.7   500.4     5.00     4.65
4.65     YES                    NO
 L0000080         0   0.95690E-03  371002.2 3809384.6   500.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000081	0	0.95690E-03	371012.2	3809384.5	500.6	5.00	4.65	4.65	YES NO
L0000082	0	0.95690E-03	371022.2	3809384.4	500.7	5.00	4.65	4.65	YES NO
L0000083	0	0.95690E-03	371032.2	3809384.3	500.8	5.00	4.65	4.65	YES NO
L0000084	0	0.95690E-03	371042.2	3809384.2	500.8	5.00	4.65	4.65	YES NO
L0000085	0	0.95690E-03	371052.2	3809384.1	500.9	5.00	4.65	4.65	YES NO
L0000086	0	0.95690E-03	371062.2	3809384.0	501.0	5.00	4.65	4.65	YES NO
L0000087	0	0.95690E-03	371072.2	3809383.9	501.1	5.00	4.65	4.65	YES NO
L0000088	0	0.95690E-03	371082.2	3809383.8	501.2	5.00	4.65	4.65	YES NO
L0000089	0	0.95690E-03	371092.2	3809383.7	501.2	5.00	4.65	4.65	YES NO
L0000090	0	0.95690E-03	371102.2	3809383.6	501.3	5.00	4.65	4.65	YES NO
L0000091	0	0.95690E-03	371112.2	3809383.5	501.4	5.00	4.65	4.65	YES NO
L0000092	0	0.95690E-03	371122.2	3809383.4	501.5	5.00	4.65	4.65	YES NO
L0000093	0	0.95690E-03	371132.2	3809383.3	501.6	5.00	4.65	4.65	YES NO
L0000094	0	0.95690E-03	371142.2	3809383.2	501.6	5.00	4.65	4.65	YES NO
L0000095	0	0.95690E-03	371152.2	3809383.1	501.7	5.00	4.65	4.65	YES NO
L0000096	0	0.95690E-03	371162.2	3809382.9	501.8	5.00	4.65	4.65	YES NO
L0000097	0	0.95690E-03	371162.6	3809392.6	501.7	5.00	4.65	4.65	YES NO
L0000098	0	0.95690E-03	371162.7	3809402.6	501.7	5.00	4.65	4.65	YES NO
L0000099	0	0.95690E-03	371162.8	3809412.6	501.6	5.00	4.65	4.65	YES NO
L0000100	0	0.95690E-03	371162.8	3809422.6	501.5	5.00	4.65	4.65	YES NO
L0000101	0	0.95690E-03	371162.9	3809432.6	501.4	5.00	4.65	4.65	YES NO
L0000102	0	0.95690E-03	371163.0	3809442.6	501.4	5.00	4.65	4.65	YES NO
L0000103	0	0.95690E-03	371163.1	3809452.6	501.3	5.00	4.65		

```
4.65     YES                    NO
 L0000104         0   0.95690E-03  371163.2 3809462.6   501.2     5.00     4.65
4.65     YES                    NO
 L0000105         0   0.95690E-03  371163.3 3809472.6   501.2     5.00     4.65
4.65     YES                    NO
 L0000106         0   0.95690E-03  371163.4 3809482.6   501.1     5.00     4.65
4.65     YES                    NO
 L0000107         0   0.95690E-03  371163.4 3809492.6   501.0     5.00     4.65
4.65     YES                    NO
 L0000108         0   0.95690E-03  371163.5 3809502.6   501.0     5.00     4.65
4.65     YES                    NO
 L0000109         0   0.95690E-03  371163.6 3809512.6   500.9     5.00     4.65
4.65     YES                    NO
 L0000110         0   0.95690E-03  371163.7 3809522.6   500.8     5.00     4.65
4.65     YES                    NO
 L0000111         0   0.95690E-03  371163.8 3809532.6   500.8     5.00     4.65
4.65     YES                    NO
 L0000112         0   0.95690E-03  371163.9 3809542.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000113         0   0.95690E-03  371163.9 3809552.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000114         0   0.95690E-03  371164.0 3809562.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000115         0   0.95690E-03  371164.1 3809572.6   500.5     5.00     4.65
4.65     YES                    NO
 L0000116         0   0.95690E-03  371164.2 3809582.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000117         0   0.95690E-03  371164.3 3809592.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000118         0   0.95690E-03  371164.4 3809602.6   500.3     5.00     4.65
4.65     YES                    NO
 L0000119         0   0.95690E-03  371164.5 3809612.6   500.2     5.00     4.65
4.65     YES                    NO
 L0000120         0   0.95690E-03  371164.5 3809622.6   500.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000121	0	0.95690E-03	371164.6	3809632.6	500.1	5.00	4.65	4.65	YES
L0000122	0	0.95690E-03	371164.7	3809642.6	500.0	5.00	4.65	4.65	YES
L0000123	0	0.95690E-03	371164.8	3809652.6	499.9	5.00	4.65	4.65	YES
L0000124	0	0.95690E-03	371164.9	3809662.6	499.9	5.00	4.65	4.65	YES
L0000125	0	0.95690E-03	371165.0	3809672.6	499.8	5.00	4.65	4.65	YES
L0000126	0	0.95690E-03	371165.0	3809682.6	499.7	5.00	4.65	4.65	YES
L0000127	0	0.95690E-03	371165.1	3809692.6	499.7	5.00	4.65	4.65	YES
L0000128	0	0.95690E-03	371165.2	3809702.6	499.6	5.00	4.65	4.65	YES
L0000129	0	0.95690E-03	371165.3	3809712.6	499.5	5.00	4.65	4.65	YES
L0000130	0	0.95690E-03	371165.4	3809722.6	499.5	5.00	4.65	4.65	YES
L0000131	0	0.95690E-03	371165.5	3809732.6	499.4	5.00	4.65	4.65	YES
L0000132	0	0.95690E-03	371165.6	3809742.6	499.3	5.00	4.65	4.65	YES
L0000133	0	0.95690E-03	371165.6	3809752.6	499.3	5.00	4.65	4.65	YES
L0000134	0	0.95690E-03	371165.7	3809762.6	499.2	5.00	4.65	4.65	YES
L0000135	0	0.95690E-03	371165.8	3809772.6	499.1	5.00	4.65	4.65	YES
L0000136	0	0.95690E-03	371165.9	3809782.6	499.1	5.00	4.65	4.65	YES
L0000137	0	0.95690E-03	371166.0	3809792.6	499.0	5.00	4.65	4.65	YES
L0000138	0	0.95690E-03	371166.1	3809802.6	498.9	5.00	4.65	4.65	YES
L0000139	0	0.95690E-03	371166.2	3809812.6	498.9	5.00	4.65	4.65	YES
L0000140	0	0.95690E-03	371166.2	3809822.6	498.8	5.00	4.65	4.65	YES
L0000141	0	0.95690E-03	371166.3	3809832.6	498.7	5.00	4.65	4.65	YES
L0000142	0	0.95690E-03	371166.4	3809842.6	498.7	5.00	4.65	4.65	YES
L0000143	0	0.95690E-03	371166.5	3809852.6	498.6	5.00	4.65		

```
4.65     YES                    NO
 L0000144         0   0.95690E-03  371166.6 3809862.6   498.5     5.00     4.65
4.65     YES                    NO
 L0000145         0   0.95690E-03  371166.7 3809872.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000146         0   0.95690E-03  371166.7 3809882.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000147         0   0.95690E-03  371166.8 3809892.6   498.3     5.00     4.65
4.65     YES                    NO
 L0000148         0   0.95690E-03  371166.9 3809902.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000149         0   0.95690E-03  371167.0 3809912.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000150         0   0.95690E-03  371167.1 3809922.6   498.1     5.00     4.65
4.65     YES                    NO
 L0000151         0   0.95690E-03  371167.2 3809932.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000152         0   0.95690E-03  371167.3 3809942.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000153         0   0.95690E-03  371167.3 3809952.6   497.9     5.00     4.65
4.65     YES                    NO
 L0000154         0   0.95690E-03  371167.4 3809962.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000155         0   0.95690E-03  371167.5 3809972.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000156         0   0.95690E-03  371167.6 3809982.6   497.7     5.00     4.65
4.65     YES                    NO
 L0000157         0   0.95690E-03  371167.7 3809992.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000158         0   0.95690E-03  371167.8 3810002.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000159         0   0.95690E-03  371167.8 3810012.6   497.5     5.00     4.65
4.65     YES                    NO
 L0000160         0   0.95690E-03  371163.2 3810017.1   497.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000161	0	0.95690E-03	371153.4	3810015.5	497.3	5.00	4.65	4.65	YES	NO
L0000162	0	0.95690E-03	371143.5	3810013.9	497.2	5.00	4.65	4.65	YES	NO
L0000163	0	0.95690E-03	371133.6	3810012.3	497.1	5.00	4.65	4.65	YES	NO
L0000164	0	0.95690E-03	371123.8	3810010.7	497.0	5.00	4.65	4.65	YES	NO
L0000165	0	0.95690E-03	371113.9	3810009.1	496.9	5.00	4.65	4.65	YES	NO
L0000166	0	0.95690E-03	371104.0	3810007.5	496.8	5.00	4.65	4.65	YES	NO
L0000167	0	0.95690E-03	371094.1	3810005.9	496.8	5.00	4.65	4.65	YES	NO
L0000168	0	0.95690E-03	371084.3	3810004.3	496.7	5.00	4.65	4.65	YES	NO
L0000169	0	0.95690E-03	371074.4	3810002.7	496.6	5.00	4.65	4.65	YES	NO
L0000170	0	0.95690E-03	371064.5	3810001.1	496.5	5.00	4.65	4.65	YES	NO
L0000171	0	0.95690E-03	371054.7	3809999.5	496.4	5.00	4.65	4.65	YES	NO
L0000172	0	0.95690E-03	371044.8	3809997.9	496.3	5.00	4.65	4.65	YES	NO
L0000173	0	0.95690E-03	371034.9	3809996.3	496.2	5.00	4.65	4.65	YES	NO
L0000174	0	0.95690E-03	371025.0	3809994.7	496.1	5.00	4.65	4.65	YES	NO
L0000175	0	0.95690E-03	371015.2	3809993.1	496.0	5.00	4.65	4.65	YES	NO
L0000176	0	0.95690E-03	371005.3	3809991.5	495.9	5.00	4.65	4.65	YES	NO
L0000177	0	0.95690E-03	370995.4	3809989.9	495.8	5.00	4.65	4.65	YES	NO
L0000178	0	0.95690E-03	370985.6	3809988.2	495.7	5.00	4.65	4.65	YES	NO
L0000179	0	0.95690E-03	370975.7	3809986.6	495.6	5.00	4.65	4.65	YES	NO
L0000180	0	0.95690E-03	370965.8	3809985.0	495.5	5.00	4.65	4.65	YES	NO
L0000181	0	0.95690E-03	370956.0	3809983.4	495.4	5.00	4.65	4.65	YES	NO
L0000182	0	0.95690E-03	370946.1	3809981.8	495.4	5.00	4.65	4.65	YES	NO
L0000183	0	0.95690E-03	370936.2	3809980.2	495.2	5.00	4.65			

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4.65     YES                    NO
 L0000184         0   0.95690E-03  370926.3 3809978.6   495.2     5.00     4.65
4.65     YES                    NO
 L0000185         0   0.95690E-03  370916.5 3809977.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000186         0   0.95690E-03  370906.6 3809975.4   495.0     5.00     4.65
4.65     YES                    NO
 L0000187         0   0.95690E-03  370896.7 3809973.8   494.9     5.00     4.65
4.65     YES                    NO
 L0000188         0   0.95690E-03  370886.9 3809972.2   494.8     5.00     4.65
4.65     YES                    NO
 L0000189         0   0.95690E-03  370877.0 3809970.6   494.7     5.00     4.65
4.65     YES                    NO
 L0000190         0   0.95690E-03  370867.1 3809969.0   494.6     5.00     4.65
4.65     YES                    NO
 L0000191         0   0.95690E-03  370857.2 3809967.4   494.5     5.00     4.65
4.65     YES                    NO
 L0000192         0   0.95690E-03  370847.4 3809965.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000193         0   0.95690E-03  370837.5 3809964.2   494.3     5.00     4.65
4.65     YES                    NO
 L0000194         0   0.95690E-03  370827.6 3809962.6   494.2     5.00     4.65
4.65     YES                    NO
 L0000195         0   0.95690E-03  370817.8 3809961.0   494.1     5.00     4.65
4.65     YES                    NO
 L0000196         0   0.95690E-03  370807.9 3809959.4   494.0     5.00     4.65
4.65     YES                    NO
 L0000197         0   0.95690E-03  370798.0 3809957.8   493.9     5.00     4.65
4.65     YES                    NO
 L0000198         0   0.95690E-03  370788.2 3809956.2   493.9     5.00     4.65
4.65     YES                    NO
 L0000199         0   0.95690E-03  370778.3 3809954.6   493.8     5.00     4.65
4.65     YES                    NO
 L0000200         0   0.95690E-03  370768.4 3809953.0   493.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000201	0	0.95690E-03	370758.5	3809951.4	493.6	5.00	4.65	4.65	YES NO
L0000202	0	0.95690E-03	370748.7	3809949.8	493.5	5.00	4.65	4.65	YES NO
L0000203	0	0.95690E-03	370741.9	3809956.9	492.8	5.00	4.65	4.65	YES NO
L0000204	0	0.95690E-03	370735.3	3809964.4	492.0	5.00	4.65	4.65	YES NO
L0000205	0	0.95690E-03	370728.8	3809971.9	491.3	5.00	4.65	4.65	YES NO
L0000206	0	0.95690E-03	370722.2	3809979.5	490.5	5.00	4.65	4.65	YES NO
L0000207	0	0.95690E-03	370715.6	3809987.0	489.8	5.00	4.65	4.65	YES NO
L0000208	0	0.95690E-03	370709.0	3809994.5	489.0	5.00	4.65	4.65	YES NO
L0000209	0	0.95690E-03	370702.4	3810002.0	488.3	5.00	4.65	4.65	YES NO
L0000210	0	0.95690E-03	370695.8	3810009.6	487.5	5.00	4.65	4.65	YES NO
L0000211	0	0.95690E-03	370689.2	3810017.1	486.8	5.00	4.65	4.65	YES NO
L0000212	0	0.95690E-03	370682.2	3810024.1	486.1	5.00	4.65	4.65	YES NO
L0000213	0	0.95690E-03	370674.5	3810030.5	485.6	5.00	4.65	4.65	YES NO
L0000214	0	0.95690E-03	370666.8	3810036.9	485.0	5.00	4.65	4.65	YES NO
L0000215	0	0.95690E-03	370659.2	3810043.3	484.5	5.00	4.65	4.65	YES NO
L0000216	0	0.95690E-03	370651.5	3810049.7	484.0	5.00	4.65	4.65	YES NO
L0000217	0	0.95690E-03	370643.8	3810056.1	483.4	5.00	4.65	4.65	YES NO
L0000218	0	0.95690E-03	370636.1	3810062.5	482.9	5.00	4.65	4.65	YES NO
L0000219	0	0.95690E-03	370627.5	3810066.3	482.6	5.00	4.65	4.65	YES NO
L0000220	0	0.95690E-03	370617.5	3810066.3	482.7	5.00	4.65	4.65	YES NO
L0000221	0	0.95690E-03	370607.5	3810066.3	482.8	5.00	4.65	4.65	YES NO
L0000222	0	0.95690E-03	370597.5	3810066.3	482.9	5.00	4.65	4.65	YES NO
L0000223	0	0.95690E-03	370587.5	3810066.3	483.0	5.00	4.65		

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4.65     YES                    NO
 L0000224         0   0.95690E-03  370577.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000225         0   0.95690E-03  370567.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.95690E-03  370557.5 3810066.3   483.2     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.95690E-03  370547.5 3810066.3   483.3     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.95690E-03  370537.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.95690E-03  370527.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.95690E-03  370517.5 3810067.0   483.5     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.95690E-03  370507.6 3810068.2   483.6     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.95690E-03  370497.6 3810069.3   483.7     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.95690E-03  370487.7 3810070.5   483.8     5.00     4.65
4.65     YES                    NO
 L0000234         0   0.95690E-03  370477.8 3810071.6   483.9     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.95690E-03  370467.8 3810072.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.95690E-03  370457.9 3810073.9   484.1     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.95690E-03  370448.0 3810075.1   484.2     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.95690E-03  370438.0 3810076.2   484.3     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.95690E-03  370428.1 3810077.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.95690E-03  370418.2 3810078.5   484.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000241	0	0.95690E-03	370408.2	3810079.7	484.6	5.00	4.65	4.65	YES NO
L0000242	0	0.95690E-03	370398.3	3810080.8	484.7	5.00	4.65	4.65	YES NO
L0000243	0	0.95690E-03	370388.4	3810082.0	484.8	5.00	4.65	4.65	YES NO
L0000244	0	0.95690E-03	370378.4	3810083.1	484.9	5.00	4.65	4.65	YES NO
L0000245	0	0.95690E-03	370368.5	3810084.3	485.0	5.00	4.65	4.65	YES NO
L0000246	0	0.95690E-03	370358.6	3810085.4	485.1	5.00	4.65	4.65	YES NO
L0000247	0	0.95690E-03	370348.6	3810086.6	485.2	5.00	4.65	4.65	YES NO
L0000248	0	0.95690E-03	370338.7	3810087.7	485.3	5.00	4.65	4.65	YES NO
L0000249	0	0.95690E-03	370328.8	3810088.9	485.4	5.00	4.65	4.65	YES NO
L0000250	0	0.95690E-03	370318.8	3810090.0	485.5	5.00	4.65	4.65	YES NO
L0000251	0	0.95690E-03	370308.9	3810091.2	485.6	5.00	4.65	4.65	YES NO
L0000252	0	0.95690E-03	370299.0	3810092.3	485.7	5.00	4.65	4.65	YES NO
L0000253	0	0.95690E-03	370289.0	3810093.5	485.8	5.00	4.65	4.65	YES NO
L0000254	0	0.95690E-03	370279.1	3810094.6	485.9	5.00	4.65	4.65	YES NO
L0000255	0	0.95690E-03	370269.2	3810095.8	486.0	5.00	4.65	4.65	YES NO
L0000256	0	0.95690E-03	370259.3	3810097.1	486.1	5.00	4.65	4.65	YES NO
L0000257	0	0.95690E-03	370249.7	3810100.1	486.1	5.00	4.65	4.65	YES NO
L0000258	0	0.95690E-03	370240.2	3810103.0	486.2	5.00	4.65	4.65	YES NO
L0000259	0	0.95690E-03	370230.6	3810106.0	486.3	5.00	4.65	4.65	YES NO
L0000260	0	0.95690E-03	370221.0	3810108.9	486.3	5.00	4.65	4.65	YES NO
L0000261	0	0.95690E-03	370211.5	3810111.9	486.4	5.00	4.65	4.65	YES NO
L0000262	0	0.95690E-03	370201.9	3810114.8	486.5	5.00	4.65	4.65	YES NO
L0000263	0	0.95690E-03	370192.4	3810117.8	486.5	5.00	4.65		

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4.65     YES                    NO
 L0000264         0   0.95690E-03  370182.8 3810120.7   486.6     5.00     4.65
4.65     YES                    NO
 L0000265         0   0.95690E-03  370173.3 3810123.7   486.7     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.95690E-03  370163.7 3810126.6   486.8     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.95690E-03  370154.2 3810129.5   486.8     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.95690E-03  370144.6 3810132.5   486.9     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.95690E-03  370135.1 3810135.4   486.9     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.95690E-03  370125.5 3810138.4   487.0     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.95690E-03  370115.9 3810141.3   487.1     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.95690E-03  370106.1 3810143.3   486.7     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.95690E-03  370096.3 3810145.1   486.3     5.00     4.65
4.65     YES                    NO
 L0000274         0   0.95690E-03  370086.5 3810147.0   485.8     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.95690E-03  370076.7 3810148.8   485.4     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.95690E-03  370066.8 3810150.7   484.9     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.95690E-03  370057.0 3810152.5   484.5     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.95690E-03  370047.2 3810154.3   484.1     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.95690E-03  370037.3 3810156.2   483.7     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.95690E-03  370027.6 3810157.2   483.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000281	0	0.95690E-03	370018.4	3810153.3	482.8	5.00	4.65	4.65	YES NO
L0000282	0	0.95690E-03	370009.1	3810149.5	482.4	5.00	4.65	4.65	YES NO
L0000283	0	0.95690E-03	369999.9	3810145.7	482.1	5.00	4.65	4.65	YES NO
L0000284	0	0.95690E-03	369990.7	3810141.8	481.7	5.00	4.65	4.65	YES NO
L0000285	0	0.95690E-03	369981.4	3810138.0	481.3	5.00	4.65	4.65	YES NO
L0000286	0	0.95690E-03	369972.2	3810134.2	480.9	5.00	4.65	4.65	YES NO
L0000287	0	0.95690E-03	369962.9	3810130.3	480.5	5.00	4.65	4.65	YES NO
L0000288	0	0.95690E-03	369953.7	3810126.5	480.1	5.00	4.65	4.65	YES NO
L0000289	0	0.95690E-03	369944.5	3810122.7	479.7	5.00	4.65	4.65	YES NO
L0000290	0	0.95690E-03	369935.2	3810118.8	479.4	5.00	4.65	4.65	YES NO
L0000291	0	0.95690E-03	369926.0	3810115.0	479.0	5.00	4.65	4.65	YES NO
L0000292	0	0.95690E-03	369916.8	3810111.2	478.6	5.00	4.65	4.65	YES NO
L0000293	0	0.95690E-03	369907.5	3810107.4	478.2	5.00	4.65	4.65	YES NO
L0000294	0	0.95690E-03	369898.3	3810103.5	477.8	5.00	4.65	4.65	YES NO
L0000295	0	0.95690E-03	369889.0	3810099.7	477.4	5.00	4.65	4.65	YES NO
L0000296	0	0.95690E-03	369879.8	3810095.9	477.0	5.00	4.65	4.65	YES NO
L0000297	0	0.95690E-03	369870.6	3810092.0	476.7	5.00	4.65	4.65	YES NO
L0000298	0	0.95690E-03	369861.3	3810088.2	476.3	5.00	4.65	4.65	YES NO
L0000299	0	0.95690E-03	369865.6	3810080.5	476.3	5.00	4.65	4.65	YES NO
L0000300	0	0.95690E-03	369872.7	3810076.5	476.4	5.00	4.65	4.65	YES NO
L0000301	0	0.95690E-03	369882.0	3810080.1	476.6	5.00	4.65	4.65	YES NO
L0000302	0	0.95690E-03	369891.4	3810083.7	476.8	5.00	4.65	4.65	YES NO
L0000303	0	0.95690E-03	369900.7	3810087.3	477.0	5.00	4.65		

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4.65     YES                    NO
 L0000304         0   0.95690E-03  369910.1 3810090.8   477.2     5.00     4.65
4.65     YES                    NO
 L0000305         0   0.95690E-03  369919.4 3810094.4   477.4     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.95690E-03  369928.7 3810098.0   477.6     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.95690E-03  369938.1 3810101.6   477.9     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.95690E-03  369947.4 3810105.1   478.1     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.95690E-03  369956.7 3810108.7   478.3     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.95690E-03  369966.1 3810112.3   478.5     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.95690E-03  369975.4 3810115.9   478.7     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.95690E-03  369984.8 3810119.4   478.9     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.95690E-03  369994.1 3810123.0   479.1     5.00     4.65
4.65     YES                    NO
 L0000314         0   0.95690E-03  370003.4 3810126.6   479.3     5.00     4.65
4.65     YES                    NO
 L0000315         0   0.95690E-03  370012.8 3810130.2   479.5     5.00     4.65
4.65     YES                    NO
 L0000316         0   0.95690E-03  370022.1 3810133.7   479.7     5.00     4.65
4.65     YES                    NO
 L0000317         0   0.95690E-03  370031.5 3810137.3   479.9     5.00     4.65
4.65     YES                    NO
 L0000318         0   0.95690E-03  370040.9 3810139.0   480.4     5.00     4.65
4.65     YES                    NO
 L0000319         0   0.95690E-03  370050.6 3810136.5   481.4     5.00     4.65
4.65     YES                    NO
 L0000320         0   0.95690E-03  370060.2 3810134.0   482.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000321	0	0.95690E-03	370069.9	3810131.4	483.4	5.00	4.65	4.65	YES NO
L0000322	0	0.95690E-03	370079.6	3810128.9	484.4	5.00	4.65	4.65	YES NO
L0000323	0	0.95690E-03	370089.3	3810126.4	485.4	5.00	4.65	4.65	YES NO
L0000324	0	0.95690E-03	370098.9	3810123.8	486.4	5.00	4.65	4.65	YES NO
L0000325	0	0.95690E-03	370108.6	3810121.3	487.4	5.00	4.65	4.65	YES NO
L0000326	0	0.95690E-03	370118.3	3810118.8	488.4	5.00	4.65	4.65	YES NO
L0000327	0	0.95690E-03	370128.0	3810116.2	489.4	5.00	4.65	4.65	YES NO
L0000328	0	0.95690E-03	370137.6	3810113.7	490.4	5.00	4.65	4.65	YES NO
L0000329	0	0.95690E-03	370147.3	3810111.2	491.4	5.00	4.65	4.65	YES NO
L0000330	0	0.95690E-03	370157.0	3810108.6	492.5	5.00	4.65	4.65	YES NO
L0000331	0	0.95690E-03	370166.6	3810106.1	493.5	5.00	4.65	4.65	YES NO
L0000332	0	0.95690E-03	370176.3	3810103.5	494.5	5.00	4.65	4.65	YES NO
L0000333	0	0.95690E-03	370186.0	3810101.0	495.5	5.00	4.65	4.65	YES NO
L0000334	0	0.95690E-03	370195.7	3810098.5	496.5	5.00	4.65	4.65	YES NO
L0000335	0	0.95690E-03	370205.3	3810095.9	497.5	5.00	4.65	4.65	YES NO
L0000336	0	0.95690E-03	370215.0	3810093.4	498.5	5.00	4.65	4.65	YES NO
L0000337	0	0.95690E-03	370224.7	3810090.8	498.9	5.00	4.65	4.65	YES NO
L0000338	0	0.95690E-03	370234.3	3810088.1	496.6	5.00	4.65	4.65	YES NO
L0000339	0	0.95690E-03	370243.9	3810085.3	494.4	5.00	4.65	4.65	YES NO
L0000340	0	0.95690E-03	370253.5	3810082.6	492.2	5.00	4.65	4.65	YES NO
L0000341	0	0.95690E-03	370263.1	3810079.8	489.9	5.00	4.65	4.65	YES NO
L0000342	0	0.95690E-03	370272.8	3810077.1	487.7	5.00	4.65	4.65	YES NO
L0000343	0	0.95690E-03	370282.4	3810074.3	485.4	5.00	4.65		

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4.65     YES                    NO
 L0000344         0   0.95690E-03  370292.0 3810071.6   483.2     5.00     4.65
4.65     YES                    NO
 L0000345         0   0.95690E-03  370301.7 3810069.4   481.8     5.00     4.65
4.65     YES                    NO
 L0000346         0   0.95690E-03  370311.6 3810068.0   481.9     5.00     4.65
4.65     YES                    NO
 L0000347         0   0.95690E-03  370321.5 3810066.6   482.0     5.00     4.65
4.65     YES                    NO
 L0000348         0   0.95690E-03  370331.4 3810065.2   482.1     5.00     4.65
4.65     YES                    NO
 L0000349         0   0.95690E-03  370341.3 3810063.8   482.2     5.00     4.65
4.65     YES                    NO
 L0000350         0   0.95690E-03  370351.2 3810062.4   482.2     5.00     4.65
4.65     YES                    NO
 L0000351         0   0.95690E-03  370361.1 3810061.0   482.3     5.00     4.65
4.65     YES                    NO
 L0000352         0   0.95690E-03  370371.0 3810059.6   482.4     5.00     4.65
4.65     YES                    NO
 L0000353         0   0.95690E-03  370380.9 3810058.2   482.5     5.00     4.65
4.65     YES                    NO
 L0000354         0   0.95690E-03  370390.8 3810056.8   482.6     5.00     4.65
4.65     YES                    NO
 L0000355         0   0.95690E-03  370400.7 3810055.4   482.6     5.00     4.65
4.65     YES                    NO
 L0000356         0   0.95690E-03  370410.6 3810054.0   482.7     5.00     4.65
4.65     YES                    NO
 L0000357         0   0.95690E-03  370420.5 3810052.6   482.8     5.00     4.65
4.65     YES                    NO
 L0000358         0   0.95690E-03  370430.5 3810051.7   482.9     5.00     4.65
4.65     YES                    NO
 L0000359         0   0.95690E-03  370440.5 3810051.4   483.0     5.00     4.65
4.65     YES                    NO
 L0000360         0   0.95690E-03  370450.5 3810051.0   483.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000361	0	0.95690E-03	370460.5	3810050.6	483.2	5.00	4.65	4.65	YES NO
L0000362	0	0.95690E-03	370470.4	3810050.2	483.2	5.00	4.65	4.65	YES NO
L0000363	0	0.95690E-03	370480.4	3810049.8	483.3	5.00	4.65	4.65	YES NO
L0000364	0	0.95690E-03	370490.4	3810049.4	483.4	5.00	4.65	4.65	YES NO
L0000365	0	0.95690E-03	370500.4	3810049.0	483.5	5.00	4.65	4.65	YES NO
L0000366	0	0.95690E-03	370510.4	3810048.7	483.6	5.00	4.65	4.65	YES NO
L0000367	0	0.95690E-03	370520.4	3810048.3	483.7	5.00	4.65	4.65	YES NO
L0000368	0	0.95690E-03	370530.4	3810047.9	483.8	5.00	4.65	4.65	YES NO
L0000369	0	0.95690E-03	370540.4	3810047.5	483.9	5.00	4.65	4.65	YES NO
L0000370	0	0.95690E-03	370550.4	3810047.1	484.0	5.00	4.65	4.65	YES NO
L0000371	0	0.95690E-03	370560.4	3810046.7	484.1	5.00	4.65	4.65	YES NO
L0000372	0	0.95690E-03	370564.7	3810041.5	484.3	5.00	4.65	4.65	YES NO
L0000373	0	0.95690E-03	370563.6	3810031.5	484.5	5.00	4.65	4.65	YES NO
L0000374	0	0.95690E-03	370562.5	3810021.6	484.8	5.00	4.65	4.65	YES NO
L0000375	0	0.95690E-03	370561.4	3810011.7	485.1	5.00	4.65	4.65	YES NO
L0000376	0	0.95690E-03	370560.3	3810001.7	485.4	5.00	4.65	4.65	YES NO
L0000377	0	0.95690E-03	370566.2	3809997.3	486.1	5.00	4.65	4.65	YES NO
L0000378	0	0.95690E-03	370576.1	3809996.0	487.2	5.00	4.65	4.65	YES NO
L0000379	0	0.95690E-03	370586.0	3809994.6	488.2	5.00	4.65	4.65	YES NO
L0000380	0	0.95690E-03	370588.2	3810003.7	487.4	5.00	4.65	4.65	YES NO
L0000381	0	0.95690E-03	370589.8	3810013.5	486.5	5.00	4.65	4.65	YES NO
L0000382	0	0.95690E-03	370591.4	3810023.4	485.6	5.00	4.65	4.65	YES NO
L0000383	0	0.95690E-03	370593.0	3810033.3	484.6	5.00	4.65		

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4.65     YES                    NO
 L0000384         0   0.95690E-03  370597.8 3810039.0   484.0     5.00     4.65
4.65     YES                    NO
 L0000385         0   0.95690E-03  370607.7 3810037.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000386         0   0.95690E-03  370617.7 3810036.7   484.1     5.00     4.65
4.65     YES                    NO
 L0000387         0   0.95690E-03  370626.1 3810034.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000388         0   0.95690E-03  370624.7 3810024.5   486.7     5.00     4.65
4.65     YES                    NO
 L0000389         0   0.95690E-03  370623.4 3810014.6   489.0     5.00     4.65
4.65     YES                    NO
 L0000390         0   0.95690E-03  370622.0 3810004.7   491.3     5.00     4.65
4.65     YES                    NO
 L0000391         0   0.95690E-03  370622.4 3809996.3   493.4     5.00     4.65
4.65     YES                    NO
 L0000392         0   0.95690E-03  370632.4 3809995.9   494.3     5.00     4.65
4.65     YES                    NO
 L0000393         0   0.95690E-03  370642.4 3809995.4   495.2     5.00     4.65
4.65     YES                    NO
 L0000394         0   0.95690E-03  370652.4 3809995.0   496.1     5.00     4.65
4.65     YES                    NO
 L0000395         0   0.95690E-03  370662.4 3809994.6   497.0     5.00     4.65
4.65     YES                    NO
 L0000396         0   0.95690E-03  370671.2 3809990.2   498.2     5.00     4.65
4.65     YES                    NO
 L0000397         0   0.95690E-03  370679.7 3809985.0   499.5     5.00     4.65
4.65     YES                    NO
 L0000398         0   0.95690E-03  370681.8 3809976.2   499.1     5.00     4.65
4.65     YES                    NO
 L0000399         0   0.95690E-03  370681.8 3809966.2   498.1     5.00     4.65
4.65     YES                    NO
 L0000400         0   0.95690E-03  370681.8 3809956.2   497.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000401	0	0.95690E-03	370681.8	3809946.2	496.1	5.00	4.65	4.65	YES NO
L0000402	0	0.95690E-03	370681.8	3809936.2	495.1	5.00	4.65	4.65	YES NO
L0000403	0	0.95690E-03	370674.6	3809932.7	494.5	5.00	4.65	4.65	YES NO
L0000404	0	0.95690E-03	370664.7	3809931.4	494.1	5.00	4.65	4.65	YES NO
L0000405	0	0.95690E-03	370654.7	3809930.2	493.6	5.00	4.65	4.65	YES NO
L0000406	0	0.95690E-03	370644.8	3809929.0	493.2	5.00	4.65	4.65	YES NO
L0000407	0	0.95690E-03	370634.9	3809927.8	492.7	5.00	4.65	4.65	YES NO
L0000408	0	0.95690E-03	370625.0	3809926.5	492.2	5.00	4.65	4.65	YES NO
L0000409	0	0.95690E-03	370615.0	3809925.3	491.8	5.00	4.65	4.65	YES NO
L0000410	0	0.95690E-03	370605.1	3809924.1	491.3	5.00	4.65	4.65	YES NO
L0000411	0	0.95690E-03	370595.2	3809922.8	490.8	5.00	4.65	4.65	YES NO
L0000412	0	0.95690E-03	370585.3	3809921.6	490.4	5.00	4.65	4.65	YES NO
L0000413	0	0.95690E-03	370575.3	3809920.4	489.9	5.00	4.65	4.65	YES NO
L0000414	0	0.95690E-03	370565.4	3809919.2	489.4	5.00	4.65	4.65	YES NO
L0000415	0	0.95690E-03	370555.5	3809917.9	489.0	5.00	4.65	4.65	YES NO
L0000416	0	0.95690E-03	370545.6	3809916.7	488.5	5.00	4.65	4.65	YES NO
L0000417	0	0.95690E-03	370535.6	3809915.5	488.1	5.00	4.65	4.65	YES NO
L0000418	0	0.95690E-03	370525.7	3809914.2	487.6	5.00	4.65	4.65	YES NO
L0000419	0	0.95690E-03	370515.8	3809913.0	487.1	5.00	4.65	4.65	YES NO
L0000420	0	0.95690E-03	370507.6	3809910.0	486.8	5.00	4.65	4.65	YES NO
L0000421	0	0.95690E-03	370506.3	3809900.1	487.0	5.00	4.65	4.65	YES NO
L0000422	0	0.95690E-03	370505.1	3809890.2	487.2	5.00	4.65	4.65	YES NO
L0000423	0	0.95690E-03	370503.8	3809880.3	487.4	5.00	4.65		

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4.65     YES                    NO
 L0000424         0   0.95690E-03  370502.5 3809870.4   487.5     5.00     4.65
4.65     YES                    NO
 L0000425         0   0.95690E-03  370501.2 3809860.4   487.7     5.00     4.65
4.65     YES                    NO
 L0000426         0   0.95690E-03  370495.5 3809853.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000427         0   0.95690E-03  370486.9 3809848.5   487.9     5.00     4.65
4.65     YES                    NO
 L0000428         0   0.95690E-03  370478.2 3809843.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000429         0   0.95690E-03  370469.5 3809838.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000430         0   0.95690E-03  370460.9 3809833.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000431         0   0.95690E-03  370452.2 3809828.5   488.2     5.00     4.65
4.65     YES                    NO
 L0000432         0   0.95690E-03  370443.5 3809823.6   488.2     5.00     4.65
4.65     YES                    NO
 L0000433         0   0.95690E-03  370434.8 3809818.6   488.3     5.00     4.65
4.65     YES                    NO
 L0000434         0   0.95690E-03  370429.4 3809812.0   488.4     5.00     4.65
4.65     YES                    NO
 L0000435         0   0.95690E-03  370430.9 3809802.1   488.8     5.00     4.65
4.65     YES                    NO
 L0000436         0   0.95690E-03  370432.5 3809792.2   489.1     5.00     4.65
4.65     YES                    NO
 L0000437         0   0.95690E-03  370434.0 3809782.4   489.5     5.00     4.65
4.65     YES                    NO
 L0000438         0   0.95690E-03  370435.5 3809772.5   489.8     5.00     4.65
4.65     YES                    NO
 L0000439         0   0.95690E-03  370437.0 3809762.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000440         0   0.95690E-03  370438.5 3809752.7   490.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000441	0	0.95690E-03	370440.0	3809742.8	490.9	5.00	4.65	4.65	YES NO
L0000442	0	0.95690E-03	370441.5	3809732.9	491.2	5.00	4.65	4.65	YES NO
L0000443	0	0.95690E-03	370443.0	3809723.0	491.5	5.00	4.65	4.65	YES NO
L0000444	0	0.95690E-03	370444.5	3809713.2	491.9	5.00	4.65	4.65	YES NO
L0000445	0	0.95690E-03	370446.0	3809703.3	492.2	5.00	4.65	4.65	YES NO
L0000446	0	0.95690E-03	370447.5	3809693.4	492.6	5.00	4.65	4.65	YES NO
L0000447	0	0.95690E-03	370449.0	3809683.5	492.9	5.00	4.65	4.65	YES NO
L0000448	0	0.95690E-03	370450.5	3809673.6	493.2	5.00	4.65	4.65	YES NO
L0000449	0	0.95690E-03	370452.0	3809663.7	493.6	5.00	4.65	4.65	YES NO
L0000450	0	0.95690E-03	370453.5	3809653.8	493.9	5.00	4.65	4.65	YES NO
L0000451	0	0.95690E-03	370455.0	3809644.0	494.3	5.00	4.65	4.65	YES NO
L0000452	0	0.95690E-03	370456.6	3809634.1	494.6	5.00	4.65	4.65	YES NO
L0000453	0	0.95690E-03	370459.9	3809625.4	494.9	5.00	4.65	4.65	YES NO
L0000454	0	0.95690E-03	370468.2	3809619.8	495.1	5.00	4.65	4.65	YES NO
L0000455	0	0.95690E-03	370476.5	3809614.3	495.2	5.00	4.65	4.65	YES NO
L0000456	0	0.95690E-03	370484.9	3809608.7	495.4	5.00	4.65	4.65	YES NO
L0000457	0	0.95690E-03	370493.2	3809603.2	495.6	5.00	4.65	4.65	YES NO
L0000458	0	0.95690E-03	370501.5	3809597.6	495.7	5.00	4.65	4.65	YES NO
L0000459	0	0.95690E-03	370509.8	3809592.1	495.9	5.00	4.65	4.65	YES NO
L0000460	0	0.95690E-03	370518.2	3809586.5	496.1	5.00	4.65	4.65	YES NO
L0000461	0	0.95690E-03	370526.5	3809581.0	496.2	5.00	4.65	4.65	YES NO
L0000462	0	0.95690E-03	370534.8	3809575.4	496.4	5.00	4.65	4.65	YES NO
L0000463	0	0.95690E-03	370543.1	3809569.9	496.6	5.00	4.65		

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4.65     YES                    NO
 L0000464         0   0.95690E-03  370551.4 3809564.3   496.7     5.00     4.65
4.65     YES                    NO
 L0000465         0   0.95690E-03  370559.8 3809558.8   496.9     5.00     4.65
4.65     YES                    NO
 L0000466         0   0.95690E-03  370568.1 3809553.3   497.1     5.00     4.65
4.65     YES                    NO
 L0000467         0   0.95690E-03  370576.4 3809547.7   497.2     5.00     4.65
4.65     YES                    NO
 L0000468         0   0.95690E-03  370584.7 3809542.2   497.4     5.00     4.65
4.65     YES                    NO
 L0000469         0   0.95690E-03  370593.0 3809536.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000470         0   0.95690E-03  370601.4 3809531.1   497.7     5.00     4.65
4.65     YES                    NO
 L0000471         0   0.95690E-03  370609.7 3809525.5   497.9     5.00     4.65
4.65     YES                    NO
 L0000472         0   0.95690E-03  370618.0 3809520.0   498.1     5.00     4.65
4.65     YES                    NO
 L0000473         0   0.95690E-03  370626.3 3809514.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000474         0   0.95690E-03  370634.6 3809508.9   498.4     5.00     4.65
4.65     YES                    NO
 L0000475         0   0.95690E-03  370643.0 3809503.3   498.5     5.00     4.65
4.65     YES                    NO
 L0000476         0   0.95690E-03  370651.3 3809497.8   498.7     5.00     4.65
4.65     YES                    NO
 L0000477         0   0.95690E-03  370659.6 3809492.2   498.9     5.00     4.65
4.65     YES                    NO
 L0000478         0   0.95690E-03  370667.9 3809486.7   499.0     5.00     4.65
4.65     YES                    NO
 L0000479         0   0.95690E-03  370676.3 3809481.2   499.3     5.00     4.65
4.65     YES                    NO
 L0000480         0   0.95690E-03  370684.6 3809475.7   499.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000481	0	0.95690E-03	370692.9	3809470.1	499.7	5.00	4.65	4.65	YES
L0000482	0	0.95690E-03	370701.3	3809464.6	499.9	5.00	4.65	4.65	YES
L0000483	0	0.95690E-03	370709.6	3809459.1	500.2	5.00	4.65	4.65	YES
L0000484	0	0.95690E-03	370718.0	3809453.6	500.4	5.00	4.65	4.65	YES
L0000485	0	0.95690E-03	370726.3	3809448.1	500.6	5.00	4.65	4.65	YES
L0000486	0	0.95690E-03	370734.6	3809442.5	500.8	5.00	4.65	4.65	YES
L0000487	0	0.95690E-03	370743.0	3809437.0	501.1	5.00	4.65	4.65	YES
L0000488	0	0.95690E-03	370751.3	3809431.5	501.3	5.00	4.65	4.65	YES
L0000489	0	0.95690E-03	370759.7	3809426.0	501.5	5.00	4.65	4.65	YES
L0000490	0	0.95690E-03	370768.0	3809420.5	501.7	5.00	4.65	4.65	YES
L0000491	0	0.95690E-03	370776.3	3809414.9	501.9	5.00	4.65	4.65	YES
L0000492	0	0.95690E-03	370784.7	3809409.4	502.2	5.00	4.65	4.65	YES
L0000493	0	0.95690E-03	370789.4	3809402.0	502.4	5.00	4.65	4.65	YES
L0000494	0	0.95690E-03	370789.2	3809392.0	502.5	5.00	4.65	4.65	YES
L0000495	0	0.95690E-03	370789.0	3809382.0	502.6	5.00	4.65	4.65	YES
L0000496	0	0.95690E-03	370788.8	3809372.0	502.8	5.00	4.65	4.65	YES
L0000497	0	0.95690E-03	370788.6	3809362.0	502.9	5.00	4.65	4.65	YES
L0000498	0	0.95690E-03	370788.4	3809352.0	503.1	5.00	4.65	4.65	YES
L0000499	0	0.95690E-03	370788.2	3809342.0	503.2	5.00	4.65	4.65	YES
L0000500	0	0.95690E-03	370788.0	3809332.0	503.4	5.00	4.65	4.65	YES
L0000501	0	0.95690E-03	370787.8	3809322.0	503.5	5.00	4.65	4.65	YES
L0000502	0	0.95690E-03	370783.6	3809314.5	503.4	5.00	4.65	4.65	YES
L0000503	0	0.95690E-03	370774.8	3809309.8	502.9	5.00	4.65		

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4.65     YES                    NO
 L0000504         0   0.95690E-03  370765.9 3809305.1   502.5     5.00     4.65
4.65     YES                    NO
 L0000505         0   0.95690E-03  370757.1 3809300.5   502.1     5.00     4.65
4.65     YES                    NO
 L0000506         0   0.95690E-03  370758.5 3809295.1   502.1     5.00     4.65
4.65     YES                    NO
 L0000507         0   0.95690E-03  370766.8 3809289.7   502.3     5.00     4.65
4.65     YES                    NO
 L0000508         0   0.95690E-03  370776.8 3809290.2   502.6     5.00     4.65
4.65     YES                    NO
 L0000509         0   0.95690E-03  370786.7 3809290.7   502.8     5.00     4.65
4.65     YES                    NO
 L0000510         0   0.95690E-03  370796.7 3809291.1   503.1     5.00     4.65
4.65     YES                    NO
 L0000511         0   0.95690E-03  370806.7 3809291.7   503.4     5.00     4.65
4.65     YES                    NO
 L0000512         0   0.95690E-03  370816.7 3809292.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000513         0   0.95690E-03  370826.7 3809293.2   504.3     5.00     4.65
4.65     YES                    NO
 L0000514         0   0.95690E-03  370836.6 3809293.9   504.7     5.00     4.65
4.65     YES                    NO
 L0000515         0   0.95690E-03  370846.6 3809294.6   505.2     5.00     4.65
4.65     YES                    NO
 L0000516         0   0.95690E-03  370856.3 3809296.5   505.4     5.00     4.65
4.65     YES                    NO
 L0000517         0   0.95690E-03  370865.8 3809299.8   505.3     5.00     4.65
4.65     YES                    NO
 L0000518         0   0.95690E-03  370875.2 3809303.2   505.3     5.00     4.65
4.65     YES                    NO
 L0000519         0   0.95690E-03  370883.8 3809307.6   505.1     5.00     4.65
4.65     YES                    NO
 L0000520         0   0.95690E-03  370889.0 3809316.1   504.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000521	0	0.95690E-03	370894.2	3809324.6	504.1	5.00	4.65	4.65	YES NO
L0000522	0	0.95690E-03	370899.4	3809333.2	503.6	5.00	4.65	4.65	YES NO
L0000523	0	0.95690E-03	370904.6	3809341.7	503.1	5.00	4.65	4.65	YES NO
L0000524	0	0.95690E-03	370909.8	3809350.2	502.8	5.00	4.65	4.65	YES NO
L0000525	0	0.95690E-03	370915.2	3809358.7	502.6	5.00	4.65	4.65	YES NO
L0000526	0	0.95690E-03	370920.7	3809366.8	502.4	5.00	4.65	4.65	YES NO
L0000527	0	0.95690E-03	370930.7	3809367.3	502.1	5.00	4.65	4.65	YES NO
L0000528	0	0.95690E-03	370940.7	3809367.9	501.8	5.00	4.65	4.65	YES NO
L0000529	0	0.95690E-03	370950.7	3809368.4	501.6	5.00	4.65	4.65	YES NO
L0000530	0	0.95690E-03	370955.0	3809374.8	501.4	5.00	4.65	4.65	YES NO
L0000531	0	0.95690E-03	370955.8	3809384.8	501.2	5.00	4.65	4.65	YES NO
L0000532	0	0.95690E-03	370956.6	3809394.7	501.1	5.00	4.65	4.65	YES NO
L0000533	0	0.95690E-03	370957.4	3809404.7	500.9	5.00	4.65	4.65	YES NO
L0000534	0	0.95690E-03	370959.3	3809413.4	500.8	5.00	4.65	4.65	YES NO
L0000535	0	0.95690E-03	370969.3	3809413.4	500.7	5.00	4.65	4.65	YES NO
L0000536	0	0.95690E-03	370979.3	3809413.4	500.7	5.00	4.65	4.65	YES NO
L0000537	0	0.95690E-03	370989.3	3809413.4	500.6	5.00	4.65	4.65	YES NO
L0000538	0	0.95690E-03	370999.3	3809413.4	500.6	5.00	4.65	4.65	YES NO
L0000539	0	0.95690E-03	371009.3	3809413.4	500.5	5.00	4.65	4.65	YES NO
L0000540	0	0.95690E-03	371019.3	3809413.4	500.5	5.00	4.65	4.65	YES NO
L0000541	0	0.95690E-03	371029.3	3809413.4	500.4	5.00	4.65	4.65	YES NO
L0000542	0	0.95690E-03	371039.3	3809413.4	500.4	5.00	4.65	4.65	YES NO
L0000543	0	0.95690E-03	371049.3	3809413.4	500.3	5.00	4.65		

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4.65     YES                    NO
 L0000544         0   0.95690E-03  371059.3 3809413.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000545         0   0.95690E-03  371069.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000546         0   0.95690E-03  371079.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000547         0   0.95690E-03  371089.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000548         0   0.95690E-03  371099.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000549         0   0.95690E-03  371109.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000550         0   0.95690E-03  371119.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000551         0   0.95690E-03  371129.3 3809413.4   499.9     5.00     4.65
4.65     YES                    NO
 L0000552         0   0.95690E-03  371130.4 3809422.5   499.8     5.00     4.65
4.65     YES                    NO
 L0000553         0   0.95690E-03  371130.5 3809432.5   499.8     5.00     4.65
4.65     YES                    NO
 L0000554         0   0.95690E-03  371130.7 3809442.5   499.7     5.00     4.65
4.65     YES                    NO
 L0000555         0   0.95690E-03  371130.8 3809452.5   499.6     5.00     4.65
4.65     YES                    NO
 L0000556         0   0.95690E-03  371131.0 3809462.5   499.5     5.00     4.65
4.65     YES                    NO
 L0000557         0   0.95690E-03  371131.1 3809472.5   499.4     5.00     4.65
4.65     YES                    NO
 L0000558         0   0.95690E-03  371131.3 3809482.5   499.3     5.00     4.65
4.65     YES                    NO
 L0000559         0   0.95690E-03  371131.5 3809492.5   499.2     5.00     4.65
4.65     YES                    NO
 L0000560         0   0.95690E-03  371131.6 3809502.5   499.1     5.00     4.65
4.65     YES                    NO
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000561	0	0.95690E-03	371131.8	3809512.5	499.0	5.00	4.65	4.65	YES NO
L0000562	0	0.95690E-03	371131.9	3809522.5	498.9	5.00	4.65	4.65	YES NO
L0000563	0	0.95690E-03	371132.1	3809532.5	498.8	5.00	4.65	4.65	YES NO
L0000564	0	0.95690E-03	371132.2	3809542.5	498.7	5.00	4.65	4.65	YES NO
L0000565	0	0.95690E-03	371132.4	3809552.5	498.6	5.00	4.65	4.65	YES NO
L0000566	0	0.95690E-03	371132.5	3809562.5	498.5	5.00	4.65	4.65	YES NO
L0000567	0	0.95690E-03	371132.7	3809572.5	498.4	5.00	4.65	4.65	YES NO
L0000568	0	0.95690E-03	371132.9	3809582.5	498.3	5.00	4.65	4.65	YES NO
L0000569	0	0.95690E-03	371133.0	3809592.5	498.2	5.00	4.65	4.65	YES NO
L0000570	0	0.95690E-03	371133.2	3809602.5	498.1	5.00	4.65	4.65	YES NO
L0000571	0	0.95690E-03	371133.3	3809612.5	498.0	5.00	4.65	4.65	YES NO
L0000572	0	0.95690E-03	371133.5	3809622.5	497.9	5.00	4.65	4.65	YES NO
L0000573	0	0.95690E-03	371133.6	3809632.5	497.8	5.00	4.65	4.65	YES NO
L0000574	0	0.95690E-03	371133.8	3809642.5	497.7	5.00	4.65	4.65	YES NO
L0000575	0	0.95690E-03	371134.0	3809652.5	497.6	5.00	4.65	4.65	YES NO
L0000576	0	0.95690E-03	371134.1	3809662.5	497.5	5.00	4.65	4.65	YES NO
L0000577	0	0.95690E-03	371134.3	3809672.5	497.4	5.00	4.65	4.65	YES NO
L0000578	0	0.95690E-03	371134.4	3809682.5	497.3	5.00	4.65	4.65	YES NO
L0000579	0	0.95690E-03	371134.6	3809692.5	497.2	5.00	4.65	4.65	YES NO
L0000580	0	0.95690E-03	371134.7	3809702.5	497.1	5.00	4.65	4.65	YES NO
L0000581	0	0.95690E-03	371134.9	3809712.5	497.0	5.00	4.65	4.65	YES NO
L0000582	0	0.95690E-03	371135.0	3809722.5	496.9	5.00	4.65	4.65	YES NO
L0000583	0	0.95690E-03	371135.2	3809732.5	496.9	5.00	4.65		

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4.65     YES                    NO
 L0000584         0   0.95690E-03  371135.4 3809742.5   496.8     5.00     4.65
4.65     YES                    NO
 L0000585         0   0.95690E-03  371135.5 3809752.5   496.7     5.00     4.65
4.65     YES                    NO
 L0000586         0   0.95690E-03  371135.7 3809762.5   496.6     5.00     4.65
4.65     YES                    NO
 L0000587         0   0.95690E-03  371135.8 3809772.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000588         0   0.95690E-03  371136.0 3809782.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000589         0   0.95690E-03  371136.1 3809792.5   496.3     5.00     4.65
4.65     YES                    NO
 L0000590         0   0.95690E-03  371136.3 3809802.5   496.2     5.00     4.65
4.65     YES                    NO
 L0000591         0   0.95690E-03  371136.4 3809812.5   496.1     5.00     4.65
4.65     YES                    NO
 L0000592         0   0.95690E-03  371136.6 3809822.5   496.0     5.00     4.65
4.65     YES                    NO
 L0000593         0   0.95690E-03  371136.8 3809832.5   495.9     5.00     4.65
4.65     YES                    NO
 L0000594         0   0.95690E-03  371136.9 3809842.5   495.8     5.00     4.65
4.65     YES                    NO
 L0000595         0   0.95690E-03  371137.1 3809852.5   495.7     5.00     4.65
4.65     YES                    NO
 L0000596         0   0.95690E-03  371137.2 3809862.5   495.6     5.00     4.65
4.65     YES                    NO
 L0000597         0   0.95690E-03  371137.4 3809872.5   495.5     5.00     4.65
4.65     YES                    NO
 L0000598         0   0.95690E-03  371137.5 3809882.4   495.4     5.00     4.65
4.65     YES                    NO
 L0000599         0   0.95690E-03  371137.7 3809892.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000600         0   0.95690E-03  371137.8 3809902.4   495.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000601	0	0.95690E-03	371138.0	3809912.4	495.1	5.00	4.65	4.65	YES NO
L0000602	0	0.95690E-03	371138.2	3809922.4	495.0	5.00	4.65	4.65	YES NO
L0000603	0	0.95690E-03	371138.3	3809932.4	494.9	5.00	4.65	4.65	YES NO
L0000604	0	0.95690E-03	371138.5	3809942.4	494.8	5.00	4.65	4.65	YES NO
L0000605	0	0.95690E-03	371138.6	3809952.4	494.7	5.00	4.65	4.65	YES NO
L0000606	0	0.95690E-03	371138.8	3809962.4	494.6	5.00	4.65	4.65	YES NO
L0000607	0	0.95690E-03	371138.9	3809972.4	494.5	5.00	4.65	4.65	YES NO
L0000608	0	0.95690E-03	371139.1	3809982.4	494.4	5.00	4.65	4.65	YES NO
L0000609	0	0.95690E-03	371136.0	3809988.6	494.4	5.00	4.65	4.65	YES NO
L0000610	0	0.95690E-03	371126.1	3809986.9	494.5	5.00	4.65	4.65	YES NO
L0000611	0	0.95690E-03	371116.3	3809985.1	494.6	5.00	4.65	4.65	YES NO
L0000612	0	0.95690E-03	371106.4	3809983.4	494.8	5.00	4.65	4.65	YES NO
L0000613	0	0.95690E-03	371096.6	3809981.7	494.9	5.00	4.65	4.65	YES NO
L0000614	0	0.95690E-03	371086.7	3809980.0	495.0	5.00	4.65	4.65	YES NO
L0000615	0	0.95690E-03	371076.9	3809978.2	495.1	5.00	4.65	4.65	YES NO
L0000616	0	0.95690E-03	371067.0	3809976.5	495.2	5.00	4.65	4.65	YES NO
L0000617	0	0.95690E-03	371057.2	3809974.8	495.3	5.00	4.65	4.65	YES NO
L0000618	0	0.95690E-03	371047.3	3809973.1	495.4	5.00	4.65	4.65	YES NO
L0000619	0	0.95690E-03	371037.5	3809971.3	495.6	5.00	4.65	4.65	YES NO
L0000620	0	0.95690E-03	371027.6	3809969.6	495.7	5.00	4.65	4.65	YES NO
L0000621	0	0.95690E-03	371017.8	3809967.9	495.8	5.00	4.65	4.65	YES NO
L0000622	0	0.95690E-03	371007.9	3809966.2	495.9	5.00	4.65	4.65	YES NO
L0000623	0	0.95690E-03	370998.1	3809964.4	496.0	5.00	4.65		

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4.65     YES                    NO
 L0000624         0   0.95690E-03  370988.2 3809962.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000625         0   0.95690E-03  370978.4 3809961.0   496.3     5.00     4.65
4.65     YES                    NO
 L0000626         0   0.95690E-03  370968.5 3809959.3   496.4     5.00     4.65
4.65     YES                    NO
 L0000627         0   0.95690E-03  370958.7 3809957.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000628         0   0.95690E-03  370948.8 3809955.8   496.6     5.00     4.65
4.65     YES                    NO
 L0000629         0   0.95690E-03  370939.0 3809954.1   496.7     5.00     4.65
4.65     YES                    NO
 L0000630         0   0.95690E-03  370929.1 3809952.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000631         0   0.95690E-03  370919.3 3809950.6   496.9     5.00     4.65
4.65     YES                    NO
 L0000632         0   0.95690E-03  370909.4 3809948.9   497.1     5.00     4.65
4.65     YES                    NO
 L0000633         0   0.95690E-03  370899.6 3809947.2   497.2     5.00     4.65
4.65     YES                    NO
 L0000634         0   0.95690E-03  370889.7 3809945.5   497.3     5.00     4.65
4.65     YES                    NO
 L0000635         0   0.95690E-03  370879.9 3809943.7   497.4     5.00     4.65
4.65     YES                    NO
 L0000636         0   0.95690E-03  370870.0 3809942.0   497.5     5.00     4.65
4.65     YES                    NO
 L0000637         0   0.95690E-03  370860.2 3809940.3   497.7     5.00     4.65
4.65     YES                    NO
 L0000638         0   0.95690E-03  370850.3 3809938.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000639         0   0.95690E-03  370840.5 3809936.8   497.9     5.00     4.65
4.65     YES                    NO
 L0000640         0   0.95690E-03  370830.6 3809935.1   498.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000641	0	0.95690E-03	370820.8	3809933.4	498.1	5.00	4.65	4.65	YES NO
L0000642	0	0.95690E-03	370810.9	3809931.7	498.2	5.00	4.65	4.65	YES NO
L0000643	0	0.95690E-03	370801.1	3809929.9	498.3	5.00	4.65	4.65	YES NO
L0000644	0	0.95690E-03	370791.2	3809928.2	498.5	5.00	4.65	4.65	YES NO
L0000645	0	0.95690E-03	370781.4	3809926.5	498.6	5.00	4.65	4.65	YES NO
L0000646	0	0.95690E-03	370771.5	3809924.8	498.7	5.00	4.65	4.65	YES NO
L0000647	0	0.95690E-03	370761.7	3809923.0	498.8	5.00	4.65	4.65	YES NO
L0000648	0	0.95690E-03	370751.8	3809921.3	498.9	5.00	4.65	4.65	YES NO
L0000649	0	0.95690E-03	370741.9	3809919.9	498.5	5.00	4.65	4.65	YES NO
L0000650	0	0.95690E-03	370732.0	3809918.6	498.0	5.00	4.65	4.65	YES NO
L0000651	0	0.95690E-03	370722.1	3809917.3	497.5	5.00	4.65	4.65	YES NO
L0000652	0	0.95690E-03	370712.2	3809915.9	496.9	5.00	4.65	4.65	YES NO
L0000653	0	0.95690E-03	370702.3	3809914.6	496.4	5.00	4.65	4.65	YES NO
L0000654	0	0.95690E-03	370692.4	3809913.3	495.9	5.00	4.65	4.65	YES NO
L0000655	0	0.95690E-03	370682.4	3809911.9	495.4	5.00	4.65	4.65	YES NO
L0000656	0	0.95690E-03	370672.5	3809910.6	494.9	5.00	4.65	4.65	YES NO
L0000657	0	0.95690E-03	370662.6	3809909.3	494.3	5.00	4.65	4.65	YES NO
L0000658	0	0.95690E-03	370652.7	3809907.9	493.8	5.00	4.65	4.65	YES NO
L0000659	0	0.95690E-03	370642.8	3809906.6	493.3	5.00	4.65	4.65	YES NO
L0000660	0	0.95690E-03	370632.9	3809905.3	492.8	5.00	4.65	4.65	YES NO
L0000661	0	0.95690E-03	370623.0	3809903.9	492.3	5.00	4.65	4.65	YES NO
L0000662	0	0.95690E-03	370613.1	3809902.6	491.7	5.00	4.65	4.65	YES NO
L0000663	0	0.95690E-03	370603.2	3809901.3	491.2	5.00	4.65		

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4.65     YES                    NO
 L0000664         0   0.95690E-03  370593.3 3809899.9   490.7     5.00     4.65
4.65     YES                    NO
 L0000665         0   0.95690E-03  370583.3 3809898.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000666         0   0.95690E-03  370573.4 3809897.3   489.7     5.00     4.65
4.65     YES                    NO
 L0000667         0   0.95690E-03  370563.5 3809895.9   489.1     5.00     4.65
4.65     YES                    NO
 L0000668         0   0.95690E-03  370553.6 3809894.6   488.6     5.00     4.65
4.65     YES                    NO
 L0000669         0   0.95690E-03  370543.7 3809893.3   488.1     5.00     4.65
4.65     YES                    NO
 L0000670         0   0.95690E-03  370536.5 3809889.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000671         0   0.95690E-03  370536.1 3809879.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000672         0   0.95690E-03  370535.7 3809869.5   488.4     5.00     4.65
4.65     YES                    NO
 L0000673         0   0.95690E-03  370535.3 3809859.5   488.7     5.00     4.65
4.65     YES                    NO
 L0000674         0   0.95690E-03  370534.9 3809849.5   489.0     5.00     4.65
4.65     YES                    NO
 L0000675         0   0.95690E-03  370528.2 3809843.0   489.1     5.00     4.65
4.65     YES                    NO
 L0000676         0   0.95690E-03  370520.0 3809837.4   489.2     5.00     4.65
4.65     YES                    NO
 L0000677         0   0.95690E-03  370511.7 3809831.7   489.2     5.00     4.65
4.65     YES                    NO
 L0000678         0   0.95690E-03  370503.5 3809826.1   489.3     5.00     4.65
4.65     YES                    NO
 L0000679         0   0.95690E-03  370495.2 3809820.4   489.3     5.00     4.65
4.65     YES                    NO
 L0000680         0   0.95690E-03  370486.9 3809814.8   489.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000681	0	0.95690E-03	370478.7	3809809.2	489.4	5.00	4.65	4.65	YES	NO
L0000682	0	0.95690E-03	370470.4	3809803.5	489.4	5.00	4.65	4.65	YES	NO
L0000683	0	0.95690E-03	370462.2	3809797.9	489.5	5.00	4.65	4.65	YES	NO
L0000684	0	0.95690E-03	370462.3	3809788.4	489.7	5.00	4.65	4.65	YES	NO
L0000685	0	0.95690E-03	370463.6	3809778.5	490.0	5.00	4.65	4.65	YES	NO
L0000686	0	0.95690E-03	370464.8	3809768.6	490.2	5.00	4.65	4.65	YES	NO
L0000687	0	0.95690E-03	370466.1	3809758.7	490.4	5.00	4.65	4.65	YES	NO
L0000688	0	0.95690E-03	370467.3	3809748.7	490.7	5.00	4.65	4.65	YES	NO
L0000689	0	0.95690E-03	370468.5	3809738.8	490.9	5.00	4.65	4.65	YES	NO
L0000690	0	0.95690E-03	370469.8	3809728.9	491.2	5.00	4.65	4.65	YES	NO
L0000691	0	0.95690E-03	370471.0	3809719.0	491.4	5.00	4.65	4.65	YES	NO
L0000692	0	0.95690E-03	370472.3	3809709.1	491.7	5.00	4.65	4.65	YES	NO
L0000693	0	0.95690E-03	370473.5	3809699.1	491.9	5.00	4.65	4.65	YES	NO
L0000694	0	0.95690E-03	370474.7	3809689.2	492.2	5.00	4.65	4.65	YES	NO
L0000695	0	0.95690E-03	370476.0	3809679.3	492.4	5.00	4.65	4.65	YES	NO
L0000696	0	0.95690E-03	370477.2	3809669.4	492.7	5.00	4.65	4.65	YES	NO
L0000697	0	0.95690E-03	370478.5	3809659.4	492.9	5.00	4.65	4.65	YES	NO
L0000698	0	0.95690E-03	370482.7	3809651.4	493.1	5.00	4.65	4.65	YES	NO
L0000699	0	0.95690E-03	370491.0	3809645.8	493.3	5.00	4.65	4.65	YES	NO
L0000700	0	0.95690E-03	370499.3	3809640.2	493.6	5.00	4.65	4.65	YES	NO
L0000701	0	0.95690E-03	370507.6	3809634.6	493.8	5.00	4.65	4.65	YES	NO
L0000702	0	0.95690E-03	370515.9	3809629.0	494.0	5.00	4.65	4.65	YES	NO
L0000703	0	0.95690E-03	370524.2	3809623.4	494.2	5.00	4.65			

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4.65     YES                    NO
 L0000704         0   0.95690E-03  370532.5 3809617.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000705         0   0.95690E-03  370540.7 3809612.2   494.7     5.00     4.65
4.65     YES                    NO
 L0000706         0   0.95690E-03  370549.0 3809606.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000707         0   0.95690E-03  370557.3 3809601.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000708         0   0.95690E-03  370565.6 3809595.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000709         0   0.95690E-03  370573.9 3809589.8   495.5     5.00     4.65
4.65     YES                    NO
 L0000710         0   0.95690E-03  370582.2 3809584.2   495.8     5.00     4.65
4.65     YES                    NO
 L0000711         0   0.95690E-03  370590.5 3809578.6   496.0     5.00     4.65
4.65     YES                    NO
 L0000712         0   0.95690E-03  370598.7 3809573.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000713         0   0.95690E-03  370607.0 3809567.4   496.4     5.00     4.65
4.65     YES                    NO
 L0000714         0   0.95690E-03  370615.3 3809561.8   496.6     5.00     4.65
4.65     YES                    NO
 L0000715         0   0.95690E-03  370623.6 3809556.2   496.9     5.00     4.65
4.65     YES                    NO
 L0000716         0   0.95690E-03  370631.9 3809550.6   497.1     5.00     4.65
4.65     YES                    NO
 L0000717         0   0.95690E-03  370640.2 3809545.0   497.3     5.00     4.65
4.65     YES                    NO
 L0000718         0   0.95690E-03  370648.5 3809539.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000719         0   0.95690E-03  370656.8 3809533.8   497.7     5.00     4.65
4.65     YES                    NO
 L0000720         0   0.95690E-03  370665.0 3809528.2   498.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000721	0	0.95690E-03	370673.3	3809522.6	498.2	5.00	4.65	4.65	YES NO
L0000722	0	0.95690E-03	370681.6	3809517.1	498.4	5.00	4.65	4.65	YES NO
L0000723	0	0.95690E-03	370689.9	3809511.5	498.6	5.00	4.65	4.65	YES NO
L0000724	0	0.95690E-03	370698.2	3809505.9	498.8	5.00	4.65	4.65	YES NO
L0000725	0	0.95690E-03	370706.5	3809500.3	499.1	5.00	4.65	4.65	YES NO
L0000726	0	0.95690E-03	370714.8	3809494.7	499.3	5.00	4.65	4.65	YES NO
L0000727	0	0.95690E-03	370723.1	3809489.1	499.5	5.00	4.65	4.65	YES NO
L0000728	0	0.95690E-03	370731.3	3809483.5	499.7	5.00	4.65	4.65	YES NO
L0000729	0	0.95690E-03	370739.6	3809477.9	499.9	5.00	4.65	4.65	YES NO
L0000730	0	0.95690E-03	370747.9	3809472.3	500.2	5.00	4.65	4.65	YES NO
L0000731	0	0.95690E-03	370756.2	3809466.7	500.4	5.00	4.65	4.65	YES NO
L0000732	0	0.95690E-03	370764.9	3809461.8	500.7	5.00	4.65	4.65	YES NO
L0000733	0	0.95690E-03	370773.6	3809456.8	501.0	5.00	4.65	4.65	YES NO
L0000734	0	0.95690E-03	370782.3	3809451.9	501.4	5.00	4.65	4.65	YES NO
L0000735	0	0.95690E-03	370791.0	3809446.9	501.7	5.00	4.65	4.65	YES NO
L0000736	0	0.95690E-03	370799.7	3809441.9	502.0	5.00	4.65	4.65	YES NO
L0000737	0	0.95690E-03	370805.7	3809435.4	502.3	5.00	4.65	4.65	YES NO
L0000738	0	0.95690E-03	370805.9	3809425.4	502.5	5.00	4.65	4.65	YES NO
L0000739	0	0.95690E-03	370806.0	3809415.4	502.7	5.00	4.65	4.65	YES NO
L0000740	0	0.95690E-03	370806.2	3809405.4	502.9	5.00	4.65	4.65	YES NO
L0000741	0	0.95690E-03	370806.4	3809395.4	503.1	5.00	4.65	4.65	YES NO
L0000742	0	0.95690E-03	370806.6	3809385.4	503.3	5.00	4.65	4.65	YES NO
L0000743	0	0.95690E-03	370806.8	3809375.4	503.5	5.00	4.65		

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4.65     YES                    NO
 L0000744         0   0.95690E-03  370807.0 3809365.4   503.7     5.00     4.65
4.65     YES                    NO
 L0000745         0   0.95690E-03  370807.2 3809355.4   503.9     5.00     4.65
4.65     YES                    NO
 L0000746         0   0.95690E-03  370807.4 3809345.4   504.1     5.00     4.65
4.65     YES                    NO
 L0000747         0   0.95690E-03  370811.1 3809336.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000748         0   0.95690E-03  370814.8 3809326.8   504.3     5.00     4.65
4.65     YES                    NO
 L0000749         0   0.95690E-03  370819.0 3809318.5   504.4     5.00     4.65
4.65     YES                    NO
 L0000750         0   0.95690E-03  370828.9 3809320.0   504.5     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.95690E-03  370838.8 3809321.5   504.6     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.95690E-03  370848.7 3809323.0   504.7     5.00     4.65
4.65     YES                    NO
 L0000753         0   0.95690E-03  370856.3 3809327.8   504.7     5.00     4.65
4.65     YES                    NO
 L0000754         0   0.95690E-03  370861.3 3809336.4   504.5     5.00     4.65
4.65     YES                    NO
 L0000755         0   0.95690E-03  370866.3 3809345.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000756         0   0.95690E-03  370871.3 3809353.8   504.0     5.00     4.65
4.65     YES                    NO
 L0000757         0   0.95690E-03  370876.3 3809362.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000758         0   0.95690E-03  370881.3 3809371.1   503.6     5.00     4.65
4.65     YES                    NO
 L0000759         0   0.95690E-03  370886.2 3809379.8   503.4     5.00     4.65
4.65     YES                    NO
 L0000760         0   0.95690E-03  370891.2 3809388.5   503.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                 PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000761	0	0.95690E-03	370896.3	3809397.1	502.9	5.00	4.65	4.65	YES
L0000762	0	0.95690E-03	370901.9	3809405.4	502.6	5.00	4.65	4.65	YES
L0000763	0	0.95690E-03	370907.4	3809413.7	502.2	5.00	4.65	4.65	YES
L0000764	0	0.95690E-03	370913.0	3809422.0	501.9	5.00	4.65	4.65	YES
L0000765	0	0.95690E-03	370918.5	3809430.3	501.5	5.00	4.65	4.65	YES
L0000766	0	0.95690E-03	370924.0	3809438.7	501.2	5.00	4.65	4.65	YES
L0000767	0	0.95690E-03	370931.2	3809444.1	500.9	5.00	4.65	4.65	YES
L0000768	0	0.95690E-03	370941.2	3809444.5	500.7	5.00	4.65	4.65	YES
L0000769	0	0.95690E-03	370951.2	3809445.0	500.5	5.00	4.65	4.65	YES
L0000770	0	0.95690E-03	370961.2	3809445.4	500.3	5.00	4.65	4.65	YES
L0000771	0	0.95690E-03	370971.2	3809445.8	500.1	5.00	4.65	4.65	YES
L0000772	0	0.95690E-03	370981.2	3809446.3	499.9	5.00	4.65	4.65	YES
L0000773	0	0.95690E-03	370991.2	3809446.7	499.7	5.00	4.65	4.65	YES
L0000774	0	0.95690E-03	371001.2	3809447.2	499.4	5.00	4.65	4.65	YES
L0000775	0	0.95690E-03	371011.2	3809447.6	499.2	5.00	4.65	4.65	YES
L0000776	0	0.95690E-03	371021.1	3809448.0	499.0	5.00	4.65	4.65	YES
L0000777	0	0.95690E-03	371031.1	3809448.5	498.8	5.00	4.65	4.65	YES
L0000778	0	0.95690E-03	371041.1	3809448.9	498.6	5.00	4.65	4.65	YES
L0000779	0	0.95690E-03	371051.1	3809449.4	498.4	5.00	4.65	4.65	YES
L0000780	0	0.95690E-03	371061.1	3809449.8	498.2	5.00	4.65	4.65	YES
L0000781	0	0.95690E-03	371071.1	3809450.2	498.0	5.00	4.65	4.65	YES
L0000782	0	0.95690E-03	371081.1	3809450.7	497.8	5.00	4.65	4.65	YES
L0000783	0	0.95690E-03	371090.8	3809451.4	497.6	5.00	4.65		

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4.65     YES                    NO
 L0000784         0   0.95690E-03  371090.9 3809461.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000785         0   0.95690E-03  371091.1 3809471.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000786         0   0.95690E-03  371091.2 3809481.4   497.2     5.00     4.65
4.65     YES                    NO
 L0000787         0   0.95690E-03  371091.3 3809491.4   497.1     5.00     4.65
4.65     YES                    NO
 L0000788         0   0.95690E-03  371091.5 3809501.4   497.0     5.00     4.65
4.65     YES                    NO
 L0000789         0   0.95690E-03  371091.6 3809511.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000790         0   0.95690E-03  371091.8 3809521.4   496.7     5.00     4.65
4.65     YES                    NO
 L0000791         0   0.95690E-03  371091.9 3809531.4   496.6     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.95690E-03  371092.0 3809541.4   496.5     5.00     4.65
4.65     YES                    NO
 L0000793         0   0.95690E-03  371092.2 3809551.4   496.3     5.00     4.65
4.65     YES                    NO
 L0000794         0   0.95690E-03  371092.3 3809561.4   496.2     5.00     4.65
4.65     YES                    NO
 L0000795         0   0.95690E-03  371092.5 3809571.4   496.1     5.00     4.65
4.65     YES                    NO
 L0000796         0   0.95690E-03  371092.6 3809581.4   495.9     5.00     4.65
4.65     YES                    NO
 L0000797         0   0.95690E-03  371092.8 3809591.4   495.8     5.00     4.65
4.65     YES                    NO
 L0000798         0   0.95690E-03  371092.9 3809601.4   495.7     5.00     4.65
4.65     YES                    NO
 L0000799         0   0.95690E-03  371093.0 3809611.4   495.6     5.00     4.65
4.65     YES                    NO
 L0000800         0   0.95690E-03  371093.2 3809621.4   495.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0000801	0	0.95690E-03	371093.3	3809631.4	495.3	5.00	4.65	4.65	YES	NO
L0000802	0	0.95690E-03	371093.5	3809641.4	495.2	5.00	4.65	4.65	YES	NO
L0000803	0	0.95690E-03	371093.6	3809651.4	495.1	5.00	4.65	4.65	YES	NO
L0000804	0	0.95690E-03	371093.7	3809661.4	494.9	5.00	4.65	4.65	YES	NO
L0000805	0	0.95690E-03	371093.9	3809671.4	494.8	5.00	4.65	4.65	YES	NO
L0000806	0	0.95690E-03	371094.0	3809681.4	494.7	5.00	4.65	4.65	YES	NO
L0000807	0	0.95690E-03	371094.2	3809691.4	494.6	5.00	4.65	4.65	YES	NO
L0000808	0	0.95690E-03	371094.3	3809701.4	494.4	5.00	4.65	4.65	YES	NO
L0000809	0	0.95690E-03	371094.4	3809711.4	494.3	5.00	4.65	4.65	YES	NO
L0000810	0	0.95690E-03	371094.6	3809721.4	494.2	5.00	4.65	4.65	YES	NO
L0000811	0	0.95690E-03	371094.7	3809731.4	494.1	5.00	4.65	4.65	YES	NO
L0000812	0	0.95690E-03	371094.9	3809741.4	493.9	5.00	4.65	4.65	YES	NO
L0000813	0	0.95690E-03	371095.0	3809751.4	493.8	5.00	4.65	4.65	YES	NO
L0000814	0	0.95690E-03	371095.2	3809761.4	493.7	5.00	4.65	4.65	YES	NO
L0000815	0	0.95690E-03	371095.3	3809771.4	493.5	5.00	4.65	4.65	YES	NO
L0000816	0	0.95690E-03	371095.4	3809781.4	493.4	5.00	4.65	4.65	YES	NO
L0000817	0	0.95690E-03	371095.6	3809791.4	493.3	5.00	4.65	4.65	YES	NO
L0000818	0	0.95690E-03	371095.7	3809801.4	493.2	5.00	4.65	4.65	YES	NO
L0000819	0	0.95690E-03	371095.9	3809811.4	493.0	5.00	4.65	4.65	YES	NO
L0000820	0	0.95690E-03	371096.0	3809821.4	492.9	5.00	4.65	4.65	YES	NO
L0000821	0	0.95690E-03	371096.1	3809831.4	492.8	5.00	4.65	4.65	YES	NO
L0000822	0	0.95690E-03	371096.3	3809841.4	492.7	5.00	4.65	4.65	YES	NO
L0000823	0	0.95690E-03	371096.4	3809851.4	492.5	5.00	4.65			

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4.65     YES                    NO
 L0000824         0   0.95690E-03  371096.6 3809861.4   492.4     5.00     4.65
4.65     YES                    NO
 L0000825         0   0.95690E-03  371096.7 3809871.4   492.3     5.00     4.65
4.65     YES                    NO
 L0000826         0   0.95690E-03  371096.9 3809881.4   492.2     5.00     4.65
4.65     YES                    NO
 L0000827         0   0.95690E-03  371097.0 3809891.4   492.0     5.00     4.65
4.65     YES                    NO
 L0000828         0   0.95690E-03  371097.1 3809901.4   491.9     5.00     4.65
4.65     YES                    NO
 L0000829         0   0.95690E-03  371097.3 3809911.4   491.8     5.00     4.65
4.65     YES                    NO
 L0000830         0   0.95690E-03  371097.4 3809921.4   491.6     5.00     4.65
4.65     YES                    NO
 L0000831         0   0.95690E-03  371097.6 3809931.4   491.5     5.00     4.65
4.65     YES                    NO
 L0000832         0   0.95690E-03  371097.7 3809941.4   491.4     5.00     4.65
4.65     YES                    NO
 L0000833         0   0.95690E-03  371097.8 3809951.4   491.3     5.00     4.65
4.65     YES                    NO
 L0000834         0   0.95690E-03  371095.3 3809958.2   491.2     5.00     4.65
4.65     YES                    NO
 L0000835         0   0.95690E-03  371085.4 3809956.5   491.1     5.00     4.65
4.65     YES                    NO
 L0000836         0   0.95690E-03  371075.6 3809954.8   491.1     5.00     4.65
4.65     YES                    NO
 L0000837         0   0.95690E-03  371065.7 3809953.1   491.0     5.00     4.65
4.65     YES                    NO
 L0000838         0   0.95690E-03  371055.9 3809951.4   491.0     5.00     4.65
4.65     YES                    NO
 L0000839         0   0.95690E-03  371046.0 3809949.7   490.9     5.00     4.65
4.65     YES                    NO
 L0000840         0   0.95690E-03  371036.2 3809947.9   490.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000841	0	0.95690E-03	371026.3	3809946.2	490.8	5.00	4.65	4.65	YES NO
L0000842	0	0.95690E-03	371016.5	3809944.5	490.8	5.00	4.65	4.65	YES NO
L0000843	0	0.95690E-03	371006.6	3809942.8	490.7	5.00	4.65	4.65	YES NO
L0000844	0	0.95690E-03	370996.8	3809941.1	490.7	5.00	4.65	4.65	YES NO
L0000845	0	0.95690E-03	370986.9	3809939.4	490.6	5.00	4.65	4.65	YES NO
L0000846	0	0.95690E-03	370977.1	3809937.7	490.6	5.00	4.65	4.65	YES NO
L0000847	0	0.95690E-03	370967.2	3809936.0	490.5	5.00	4.65	4.65	YES NO
L0000848	0	0.95690E-03	370957.4	3809934.3	490.5	5.00	4.65	4.65	YES NO
L0000849	0	0.95690E-03	370947.5	3809932.6	490.4	5.00	4.65	4.65	YES NO
L0000850	0	0.95690E-03	370937.7	3809930.8	490.4	5.00	4.65	4.65	YES NO
L0000851	0	0.95690E-03	370927.8	3809929.1	490.3	5.00	4.65	4.65	YES NO
L0000852	0	0.95690E-03	370918.0	3809927.4	490.3	5.00	4.65	4.65	YES NO
L0000853	0	0.95690E-03	370908.1	3809925.7	490.2	5.00	4.65	4.65	YES NO
L0000854	0	0.95690E-03	370898.2	3809924.0	490.2	5.00	4.65	4.65	YES NO
L0000855	0	0.95690E-03	370888.4	3809922.3	490.1	5.00	4.65	4.65	YES NO
L0000856	0	0.95690E-03	370878.5	3809920.6	490.1	5.00	4.65	4.65	YES NO
L0000857	0	0.95690E-03	370868.7	3809918.9	490.1	5.00	4.65	4.65	YES NO
L0000858	0	0.95690E-03	370858.8	3809917.2	490.0	5.00	4.65	4.65	YES NO
L0000859	0	0.95690E-03	370849.0	3809915.4	489.9	5.00	4.65	4.65	YES NO
L0000860	0	0.95690E-03	370839.1	3809913.7	489.9	5.00	4.65	4.65	YES NO
L0000861	0	0.95690E-03	370829.3	3809912.0	489.9	5.00	4.65	4.65	YES NO
L0000862	0	0.95690E-03	370819.4	3809910.3	489.8	5.00	4.65	4.65	YES NO
L0000863	0	0.95690E-03	370809.6	3809908.6	489.8	5.00	4.65		

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4.65     YES                    NO
 L0000864         0   0.95690E-03  370799.7 3809906.9   489.7     5.00     4.65
4.65     YES                    NO
 L0000865         0   0.95690E-03  370789.9 3809905.2   489.7     5.00     4.65
4.65     YES                    NO
 L0000866         0   0.95690E-03  370780.0 3809903.5   489.6     5.00     4.65
4.65     YES                    NO
 L0000867         0   0.95690E-03  370770.2 3809901.8   489.6     5.00     4.65
4.65     YES                    NO
 L0000868         0   0.95690E-03  370760.3 3809900.1   489.5     5.00     4.65
4.65     YES                    NO
 L0000869         0   0.95690E-03  370750.5 3809898.3   489.5     5.00     4.65
4.65     YES                    NO
 L0000870         0   0.95690E-03  370740.6 3809896.6   489.4     5.00     4.65
4.65     YES                    NO
 L0000871         0   0.95690E-03  370730.8 3809894.9   489.4     5.00     4.65
4.65     YES                    NO
 L0000872         0   0.95690E-03  370720.9 3809893.2   489.3     5.00     4.65
4.65     YES                    NO
 L0000873         0   0.95690E-03  370711.0 3809891.5   489.3     5.00     4.65
4.65     YES                    NO
 L0000874         0   0.95690E-03  370701.2 3809889.8   489.2     5.00     4.65
4.65     YES                    NO
 L0000875         0   0.95690E-03  370691.3 3809888.1   489.2     5.00     4.65
4.65     YES                    NO
 L0000876         0   0.95690E-03  370681.5 3809886.4   489.1     5.00     4.65
4.65     YES                    NO
 L0000877         0   0.95690E-03  370671.6 3809884.7   489.1     5.00     4.65
4.65     YES                    NO
 L0000878         0   0.95690E-03  370661.8 3809882.9   489.0     5.00     4.65
4.65     YES                    NO
 L0000879         0   0.95690E-03  370651.9 3809881.2   489.0     5.00     4.65
4.65     YES                    NO
 L0000880         0   0.95690E-03  370642.1 3809879.5   488.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000881	0	0.95690E-03	370632.2	3809877.8	488.9	5.00	4.65	4.65	YES NO
L0000882	0	0.95690E-03	370622.4	3809876.1	488.8	5.00	4.65	4.65	YES NO
L0000883	0	0.95690E-03	370612.5	3809874.4	488.8	5.00	4.65	4.65	YES NO
L0000884	0	0.95690E-03	370602.7	3809872.7	488.7	5.00	4.65	4.65	YES NO
L0000885	0	0.95690E-03	370592.8	3809871.0	488.7	5.00	4.65	4.65	YES NO
L0000886	0	0.95690E-03	370583.0	3809869.3	488.7	5.00	4.65	4.65	YES NO
L0000887	0	0.95690E-03	370580.0	3809860.7	488.9	5.00	4.65	4.65	YES NO
L0000888	0	0.95690E-03	370578.4	3809850.8	489.1	5.00	4.65	4.65	YES NO
L0000889	0	0.95690E-03	370576.7	3809841.0	489.3	5.00	4.65	4.65	YES NO
L0000890	0	0.95690E-03	370575.1	3809831.1	489.6	5.00	4.65	4.65	YES NO
L0000891	0	0.95690E-03	370570.0	3809823.8	489.7	5.00	4.65	4.65	YES NO
L0000892	0	0.95690E-03	370561.0	3809819.3	489.8	5.00	4.65	4.65	YES NO
L0000893	0	0.95690E-03	370552.1	3809814.9	489.8	5.00	4.65	4.65	YES NO
L0000894	0	0.95690E-03	370543.1	3809810.4	489.8	5.00	4.65	4.65	YES NO
L0000895	0	0.95690E-03	370534.2	3809805.9	489.8	5.00	4.65	4.65	YES NO
L0000896	0	0.95690E-03	370525.2	3809801.4	489.9	5.00	4.65	4.65	YES NO
L0000897	0	0.95690E-03	370516.3	3809797.0	489.9	5.00	4.65	4.65	YES NO
L0000898	0	0.95690E-03	370507.3	3809792.5	489.9	5.00	4.65	4.65	YES NO
L0000899	0	0.95690E-03	370506.2	3809783.3	490.1	5.00	4.65	4.65	YES NO
L0000900	0	0.95690E-03	370506.4	3809773.3	490.4	5.00	4.65	4.65	YES NO
L0000901	0	0.95690E-03	370506.6	3809763.3	490.6	5.00	4.65	4.65	YES NO
L0000902	0	0.95690E-03	370506.7	3809753.3	490.8	5.00	4.65	4.65	YES NO
L0000903	0	0.95690E-03	370506.9	3809743.3	491.0	5.00	4.65		

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4.65     YES                    NO
 L0000904         0   0.95690E-03  370507.1 3809733.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000905         0   0.95690E-03  370507.3 3809723.3   491.5     5.00     4.65
4.65     YES                    NO
 L0000906         0   0.95690E-03  370507.4 3809713.3   491.7     5.00     4.65
4.65     YES                    NO
 L0000907         0   0.95690E-03  370507.6 3809703.3   491.9     5.00     4.65
4.65     YES                    NO
 L0000908         0   0.95690E-03  370507.8 3809693.3   492.2     5.00     4.65
4.65     YES                    NO
 L0000909         0   0.95690E-03  370510.3 3809684.0   492.3     5.00     4.65
4.65     YES                    NO
 L0000910         0   0.95690E-03  370515.7 3809675.6   492.5     5.00     4.65
4.65     YES                    NO
 L0000911         0   0.95690E-03  370521.4 3809667.5   492.6     5.00     4.65
4.65     YES                    NO
 L0000912         0   0.95690E-03  370529.9 3809662.2   492.9     5.00     4.65
4.65     YES                    NO
 L0000913         0   0.95690E-03  370538.4 3809657.0   493.1     5.00     4.65
4.65     YES                    NO
 L0000914         0   0.95690E-03  370546.9 3809651.7   493.4     5.00     4.65
4.65     YES                    NO
 L0000915         0   0.95690E-03  370555.4 3809646.4   493.6     5.00     4.65
4.65     YES                    NO
 L0000916         0   0.95690E-03  370563.9 3809641.2   493.9     5.00     4.65
4.65     YES                    NO
 L0000917         0   0.95690E-03  370572.4 3809635.9   494.1     5.00     4.65
4.65     YES                    NO
 L0000918         0   0.95690E-03  370580.9 3809630.6   494.4     5.00     4.65
4.65     YES                    NO
 L0000919         0   0.95690E-03  370589.4 3809625.3   494.6     5.00     4.65
4.65     YES                    NO
 L0000920         0   0.95690E-03  370597.9 3809620.1   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000921	0	0.95690E-03	370606.4	3809614.8	495.1	5.00	4.65	4.65	YES NO
L0000922	0	0.95690E-03	370614.9	3809609.5	495.3	5.00	4.65	4.65	YES NO
L0000923	0	0.95690E-03	370623.4	3809604.3	495.6	5.00	4.65	4.65	YES NO
L0000924	0	0.95690E-03	370631.9	3809599.0	495.8	5.00	4.65	4.65	YES NO
L0000925	0	0.95690E-03	370640.4	3809593.7	496.1	5.00	4.65	4.65	YES NO
L0000926	0	0.95690E-03	370648.9	3809588.4	496.3	5.00	4.65	4.65	YES NO
L0000927	0	0.95690E-03	370657.4	3809583.2	496.5	5.00	4.65	4.65	YES NO
L0000928	0	0.95690E-03	370665.9	3809577.9	496.8	5.00	4.65	4.65	YES NO
L0000929	0	0.95690E-03	370674.4	3809572.6	497.0	5.00	4.65	4.65	YES NO
L0000930	0	0.95690E-03	370682.9	3809567.4	497.3	5.00	4.65	4.65	YES NO
L0000931	0	0.95690E-03	370691.4	3809562.1	497.5	5.00	4.65	4.65	YES NO
L0000932	0	0.95690E-03	370699.9	3809556.8	497.8	5.00	4.65	4.65	YES NO
L0000933	0	0.95690E-03	370708.4	3809551.5	498.0	5.00	4.65	4.65	YES NO
L0000934	0	0.95690E-03	370716.9	3809546.3	498.2	5.00	4.65	4.65	YES NO
L0000935	0	0.95690E-03	370725.4	3809541.0	498.5	5.00	4.65	4.65	YES NO
L0000936	0	0.95690E-03	370733.9	3809535.7	498.7	5.00	4.65	4.65	YES NO
L0000937	0	0.95690E-03	370742.4	3809530.5	499.0	5.00	4.65	4.65	YES NO
L0000938	0	0.95690E-03	370750.9	3809525.2	499.2	5.00	4.65	4.65	YES NO
L0000939	0	0.95690E-03	370759.4	3809519.9	499.5	5.00	4.65	4.65	YES NO
L0000940	0	0.95690E-03	370767.9	3809514.6	499.7	5.00	4.65	4.65	YES NO
L0000941	0	0.95690E-03	370776.4	3809509.4	500.0	5.00	4.65	4.65	YES NO
L0000942	0	0.95690E-03	370784.9	3809504.1	500.2	5.00	4.65	4.65	YES NO
L0000943	0	0.95690E-03	370793.3	3809498.8	500.4	5.00	4.65		

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4.65     YES                    NO
 L0000944         0   0.95690E-03  370801.8 3809493.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000945         0   0.95690E-03  370809.1 3809486.8   500.9     5.00     4.65
4.65     YES                    NO
 L0000946         0   0.95690E-03  370816.0 3809479.5   501.0     5.00     4.65
4.65     YES                    NO
 L0000947         0   0.95690E-03  370822.9 3809472.3   501.1     5.00     4.65
4.65     YES                    NO
 L0000948         0   0.95690E-03  370829.8 3809465.1   501.2     5.00     4.65
4.65     YES                    NO
 L0000949         0   0.95690E-03  370836.7 3809457.8   501.4     5.00     4.65
4.65     YES                    NO
 L0000950         0   0.95690E-03  370841.2 3809449.8   501.5     5.00     4.65
4.65     YES                    NO
 L0000951         0   0.95690E-03  370840.5 3809439.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.95690E-03  370839.7 3809429.8   502.1     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.95690E-03  370838.9 3809419.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000954         0   0.95690E-03  370838.2 3809409.9   502.6     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.95690E-03  370837.4 3809399.9   502.9     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.95690E-03  370836.6 3809389.9   503.2     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.95690E-03  370839.1 3809383.1   503.4     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.95690E-03  370849.1 3809383.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.95690E-03  370859.0 3809384.5   503.3     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.95690E-03  370864.6 3809390.6   503.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY							
L0000961	0	0.95690E-03	370867.2	3809400.2	502.8	5.00	4.65	4.65	YES
		NO							
L0000962	0	0.95690E-03	370869.9	3809409.8	502.6	5.00	4.65	4.65	YES
		NO							
L0000963	0	0.95690E-03	370872.5	3809419.5	502.3	5.00	4.65	4.65	YES
		NO							
L0000964	0	0.95690E-03	370875.2	3809429.1	502.0	5.00	4.65	4.65	YES
		NO							
L0000965	0	0.95690E-03	370877.8	3809438.8	501.8	5.00	4.65	4.65	YES
		NO							
L0000966	0	0.95690E-03	370880.5	3809448.4	501.5	5.00	4.65	4.65	YES
		NO							
L0000967	0	0.95690E-03	370884.0	3809457.4	501.2	5.00	4.65	4.65	YES
		NO							
L0000968	0	0.95690E-03	370892.2	3809463.2	500.9	5.00	4.65	4.65	YES
		NO							
L0000969	0	0.95690E-03	370900.3	3809469.1	500.5	5.00	4.65	4.65	YES
		NO							
L0000970	0	0.95690E-03	370908.5	3809474.9	500.1	5.00	4.65	4.65	YES
		NO							
L0000971	0	0.95690E-03	370916.6	3809480.7	499.8	5.00	4.65	4.65	YES
		NO							
L0000972	0	0.95690E-03	370925.7	3809483.4	499.5	5.00	4.65	4.65	YES
		NO							
L0000973	0	0.95690E-03	370935.7	3809483.4	499.3	5.00	4.65	4.65	YES
		NO							
L0000974	0	0.95690E-03	370945.7	3809483.4	499.2	5.00	4.65	4.65	YES
		NO							
L0000975	0	0.95690E-03	370955.7	3809483.4	499.0	5.00	4.65	4.65	YES
		NO							
L0000976	0	0.95690E-03	370965.7	3809483.4	498.8	5.00	4.65	4.65	YES
		NO							
L0000977	0	0.95690E-03	370975.7	3809483.4	498.7	5.00	4.65	4.65	YES
		NO							
L0000978	0	0.95690E-03	370985.7	3809483.4	498.5	5.00	4.65	4.65	YES
		NO							
L0000979	0	0.95690E-03	370995.7	3809483.4	498.4	5.00	4.65	4.65	YES
		NO							
L0000980	0	0.95690E-03	371005.7	3809483.4	498.2	5.00	4.65	4.65	YES
		NO							
L0000981	0	0.95690E-03	371015.7	3809483.4	498.0	5.00	4.65	4.65	YES
		NO							
L0000982	0	0.95690E-03	371025.7	3809483.4	497.9	5.00	4.65	4.65	YES
		NO							
L0000983	0	0.95690E-03	371035.7	3809483.4	497.7	5.00	4.65		

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4.65     YES                    NO
 L0000984         0   0.95690E-03  371045.7 3809483.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000985         0   0.95690E-03  371055.7 3809483.4   497.4     5.00     4.65
4.65     YES                    NO
 L0000986         0   0.95690E-03  371062.0 3809487.0   497.2     5.00     4.65
4.65     YES                    NO
 L0000987         0   0.95690E-03  371061.6 3809497.0   497.0     5.00     4.65
4.65     YES                    NO
 L0000988         0   0.95690E-03  371061.3 3809507.0   496.9     5.00     4.65
4.65     YES                    NO
 L0000989         0   0.95690E-03  371061.0 3809517.0   496.7     5.00     4.65
4.65     YES                    NO
 L0000990         0   0.95690E-03  371060.7 3809527.0   496.5     5.00     4.65
4.65     YES                    NO
 L0000991         0   0.95690E-03  371060.3 3809537.0   496.4     5.00     4.65
4.65     YES                    NO
 L0000992         0   0.95690E-03  371060.0 3809547.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000993         0   0.95690E-03  371059.7 3809557.0   496.0     5.00     4.65
4.65     YES                    NO
 L0000994         0   0.95690E-03  371059.4 3809567.0   495.9     5.00     4.65
4.65     YES                    NO
 L0000995         0   0.95690E-03  371059.1 3809577.0   495.7     5.00     4.65
4.65     YES                    NO
 L0000996         0   0.95690E-03  371058.7 3809587.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000997         0   0.95690E-03  371058.4 3809597.0   495.3     5.00     4.65
4.65     YES                    NO
 L0000998         0   0.95690E-03  371058.1 3809607.0   495.2     5.00     4.65
4.65     YES                    NO
 L0000999         0   0.95690E-03  371057.8 3809617.0   495.0     5.00     4.65
4.65     YES                    NO
 L0001000         0   0.95690E-03  371057.5 3809627.0   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                 PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001001	0	0.95690E-03	371057.1	3809637.0	494.7	5.00	4.65	4.65	YES NO
L0001002	0	0.95690E-03	371056.8	3809647.0	494.5	5.00	4.65	4.65	YES NO
L0001003	0	0.95690E-03	371056.5	3809656.9	494.3	5.00	4.65	4.65	YES NO
L0001004	0	0.95690E-03	371056.2	3809666.9	494.2	5.00	4.65	4.65	YES NO
L0001005	0	0.95690E-03	371055.9	3809676.9	494.0	5.00	4.65	4.65	YES NO
L0001006	0	0.95690E-03	371055.5	3809686.9	493.8	5.00	4.65	4.65	YES NO
L0001007	0	0.95690E-03	371055.2	3809696.9	493.7	5.00	4.65	4.65	YES NO
L0001008	0	0.95690E-03	371054.9	3809706.9	493.5	5.00	4.65	4.65	YES NO
L0001009	0	0.95690E-03	371054.6	3809716.9	493.3	5.00	4.65	4.65	YES NO
L0001010	0	0.95690E-03	371054.2	3809726.9	493.1	5.00	4.65	4.65	YES NO
L0001011	0	0.95690E-03	371053.9	3809736.9	493.0	5.00	4.65	4.65	YES NO
L0001012	0	0.95690E-03	371053.6	3809746.9	492.8	5.00	4.65	4.65	YES NO
L0001013	0	0.95690E-03	371053.3	3809756.9	492.6	5.00	4.65	4.65	YES NO
L0001014	0	0.95690E-03	371053.0	3809766.9	492.5	5.00	4.65	4.65	YES NO
L0001015	0	0.95690E-03	371052.6	3809776.9	492.3	5.00	4.65	4.65	YES NO
L0001016	0	0.95690E-03	371052.3	3809786.9	492.1	5.00	4.65	4.65	YES NO
L0001017	0	0.95690E-03	371052.0	3809796.9	492.0	5.00	4.65	4.65	YES NO
L0001018	0	0.95690E-03	371051.7	3809806.9	491.8	5.00	4.65	4.65	YES NO
L0001019	0	0.95690E-03	371051.4	3809816.9	491.6	5.00	4.65	4.65	YES NO
L0001020	0	0.95690E-03	371051.0	3809826.9	491.4	5.00	4.65	4.65	YES NO
L0001021	0	0.95690E-03	371050.7	3809836.9	491.3	5.00	4.65	4.65	YES NO
L0001022	0	0.95690E-03	371050.4	3809846.8	491.1	5.00	4.65	4.65	YES NO
L0001023	0	0.95690E-03	371050.1	3809856.8	490.9	5.00	4.65		

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4.65     YES                    NO
 L0001024         0   0.95690E-03  371049.8 3809866.8   490.8     5.00     4.65
4.65     YES                    NO
 L0001025         0   0.95690E-03  371049.4 3809876.8   490.6     5.00     4.65
4.65     YES                    NO
 L0001026         0   0.95690E-03  371049.1 3809886.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001027         0   0.95690E-03  371048.8 3809896.8   490.3     5.00     4.65
4.65     YES                    NO
 L0001028         0   0.95690E-03  371048.5 3809906.8   490.1     5.00     4.65
4.65     YES                    NO
 L0001029         0   0.95690E-03  371048.1 3809916.8   489.9     5.00     4.65
4.65     YES                    NO
 L0001030         0   0.95690E-03  371047.8 3809926.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001031         0   0.95690E-03  371041.0 3809928.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001032         0   0.95690E-03  371031.2 3809926.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001033         0   0.95690E-03  371021.4 3809924.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001034         0   0.95690E-03  371011.5 3809923.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001035         0   0.95690E-03  371001.7 3809921.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001036         0   0.95690E-03  370991.9 3809919.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001037         0   0.95690E-03  370982.1 3809917.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001038         0   0.95690E-03  370972.3 3809915.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001039         0   0.95690E-03  370962.4 3809913.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001040         0   0.95690E-03  370952.6 3809911.8   489.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001041	0	0.95690E-03	370942.8	3809909.9	489.7	5.00	4.65	4.65	YES NO
L0001042	0	0.95690E-03	370933.0	3809908.0	489.7	5.00	4.65	4.65	YES NO
L0001043	0	0.95690E-03	370923.2	3809906.1	489.7	5.00	4.65	4.65	YES NO
L0001044	0	0.95690E-03	370913.3	3809904.2	489.7	5.00	4.65	4.65	YES NO
L0001045	0	0.95690E-03	370903.5	3809902.4	489.7	5.00	4.65	4.65	YES NO
L0001046	0	0.95690E-03	370893.7	3809900.5	489.7	5.00	4.65	4.65	YES NO
L0001047	0	0.95690E-03	370883.9	3809898.6	489.7	5.00	4.65	4.65	YES NO
L0001048	0	0.95690E-03	370874.0	3809896.7	489.7	5.00	4.65	4.65	YES NO
L0001049	0	0.95690E-03	370864.2	3809894.8	489.7	5.00	4.65	4.65	YES NO
L0001050	0	0.95690E-03	370854.4	3809893.0	489.7	5.00	4.65	4.65	YES NO
L0001051	0	0.95690E-03	370844.6	3809891.1	489.7	5.00	4.65	4.65	YES NO
L0001052	0	0.95690E-03	370834.8	3809889.2	489.7	5.00	4.65	4.65	YES NO
L0001053	0	0.95690E-03	370824.9	3809887.3	489.7	5.00	4.65	4.65	YES NO
L0001054	0	0.95690E-03	370815.1	3809885.4	489.7	5.00	4.65	4.65	YES NO
L0001055	0	0.95690E-03	370805.3	3809883.6	489.7	5.00	4.65	4.65	YES NO
L0001056	0	0.95690E-03	370795.5	3809881.7	489.7	5.00	4.65	4.65	YES NO
L0001057	0	0.95690E-03	370785.7	3809879.8	489.7	5.00	4.65	4.65	YES NO
L0001058	0	0.95690E-03	370775.8	3809877.9	489.7	5.00	4.65	4.65	YES NO
L0001059	0	0.95690E-03	370766.0	3809876.0	489.7	5.00	4.65	4.65	YES NO
L0001060	0	0.95690E-03	370756.2	3809874.1	489.7	5.00	4.65	4.65	YES NO
L0001061	0	0.95690E-03	370746.4	3809872.3	489.7	5.00	4.65	4.65	YES NO
L0001062	0	0.95690E-03	370736.5	3809870.4	489.7	5.00	4.65	4.65	YES NO
L0001063	0	0.95690E-03	370726.7	3809868.5	489.7	5.00	4.65		

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4.65     YES                    NO
 L0001064         0   0.95690E-03  370716.9 3809866.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001065         0   0.95690E-03  370707.1 3809864.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001066         0   0.95690E-03  370697.3 3809862.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001067         0   0.95690E-03  370687.4 3809861.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001068         0   0.95690E-03  370677.6 3809859.1   489.8     5.00     4.65
4.65     YES                    NO
 L0001069         0   0.95690E-03  370667.8 3809857.2   489.8     5.00     4.65
4.65     YES                    NO
 L0001070         0   0.95690E-03  370658.0 3809855.3   489.8     5.00     4.65
4.65     YES                    NO
 L0001071         0   0.95690E-03  370648.2 3809853.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001072         0   0.95690E-03  370638.3 3809851.6   489.8     5.00     4.65
4.65     YES                    NO
 L0001073         0   0.95690E-03  370628.5 3809849.7   489.8     5.00     4.65
4.65     YES                    NO
 L0001074         0   0.95690E-03  370623.8 3809842.0   489.9     5.00     4.65
4.65     YES                    NO
 L0001075         0   0.95690E-03  370620.6 3809832.5   490.0     5.00     4.65
4.65     YES                    NO
 L0001076         0   0.95690E-03  370617.5 3809823.0   490.1     5.00     4.65
4.65     YES                    NO
 L0001077         0   0.95690E-03  370614.3 3809813.5   490.3     5.00     4.65
4.65     YES                    NO
 L0001078         0   0.95690E-03  370611.2 3809804.0   490.4     5.00     4.65
4.65     YES                    NO
 L0001079         0   0.95690E-03  370604.2 3809797.7   490.5     5.00     4.65
4.65     YES                    NO
 L0001080         0   0.95690E-03  370595.4 3809793.0   490.6     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001081	0	0.95690E-03	370586.6	3809788.3	490.7	5.00	4.65	4.65	YES NO
L0001082	0	0.95690E-03	370577.7	3809783.6	490.7	5.00	4.65	4.65	YES NO
L0001083	0	0.95690E-03	370568.9	3809779.0	490.8	5.00	4.65	4.65	YES NO
L0001084	0	0.95690E-03	370560.1	3809774.3	490.9	5.00	4.65	4.65	YES NO
L0001085	0	0.95690E-03	370552.6	3809768.7	491.0	5.00	4.65	4.65	YES NO
L0001086	0	0.95690E-03	370552.1	3809758.7	491.1	5.00	4.65	4.65	YES NO
L0001087	0	0.95690E-03	370551.5	3809748.7	491.2	5.00	4.65	4.65	YES NO
L0001088	0	0.95690E-03	370551.0	3809738.7	491.3	5.00	4.65	4.65	YES NO
L0001089	0	0.95690E-03	370550.4	3809728.8	491.4	5.00	4.65	4.65	YES NO
L0001090	0	0.95690E-03	370549.8	3809718.8	491.5	5.00	4.65	4.65	YES NO
L0001091	0	0.95690E-03	370549.3	3809708.8	491.6	5.00	4.65	4.65	YES NO
L0001092	0	0.95690E-03	370555.0	3809702.1	491.8	5.00	4.65	4.65	YES NO
L0001093	0	0.95690E-03	370563.5	3809696.7	492.0	5.00	4.65	4.65	YES NO
L0001094	0	0.95690E-03	370572.0	3809691.4	492.3	5.00	4.65	4.65	YES NO
L0001095	0	0.95690E-03	370580.5	3809686.1	492.5	5.00	4.65	4.65	YES NO
L0001096	0	0.95690E-03	370588.9	3809680.8	492.7	5.00	4.65	4.65	YES NO
L0001097	0	0.95690E-03	370597.4	3809675.5	493.0	5.00	4.65	4.65	YES NO
L0001098	0	0.95690E-03	370605.9	3809670.2	493.2	5.00	4.65	4.65	YES NO
L0001099	0	0.95690E-03	370614.3	3809664.8	493.4	5.00	4.65	4.65	YES NO
L0001100	0	0.95690E-03	370622.8	3809659.5	493.7	5.00	4.65	4.65	YES NO
L0001101	0	0.95690E-03	370631.3	3809654.2	493.9	5.00	4.65	4.65	YES NO
L0001102	0	0.95690E-03	370639.7	3809648.9	494.2	5.00	4.65	4.65	YES NO
L0001103	0	0.95690E-03	370648.2	3809643.6	494.4	5.00	4.65		

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4.65     YES                    NO
 L0001104         0   0.95690E-03  370656.7 3809638.2   494.6     5.00     4.65
4.65     YES                    NO
 L0001105         0   0.95690E-03  370665.1 3809632.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001106         0   0.95690E-03  370673.6 3809627.6   495.1     5.00     4.65
4.65     YES                    NO
 L0001107         0   0.95690E-03  370682.1 3809622.3   495.3     5.00     4.65
4.65     YES                    NO
 L0001108         0   0.95690E-03  370690.5 3809617.0   495.6     5.00     4.65
4.65     YES                    NO
 L0001109         0   0.95690E-03  370699.0 3809611.6   495.8     5.00     4.65
4.65     YES                    NO
 L0001110         0   0.95690E-03  370707.5 3809606.3   496.1     5.00     4.65
4.65     YES                    NO
 L0001111         0   0.95690E-03  370715.9 3809601.0   496.3     5.00     4.65
4.65     YES                    NO
 L0001112         0   0.95690E-03  370724.4 3809595.7   496.5     5.00     4.65
4.65     YES                    NO
 L0001113         0   0.95690E-03  370732.9 3809590.4   496.8     5.00     4.65
4.65     YES                    NO
 L0001114         0   0.95690E-03  370741.3 3809585.1   497.0     5.00     4.65
4.65     YES                    NO
 L0001115         0   0.95690E-03  370749.8 3809579.7   497.2     5.00     4.65
4.65     YES                    NO
 L0001116         0   0.95690E-03  370758.3 3809574.4   497.5     5.00     4.65
4.65     YES                    NO
 L0001117         0   0.95690E-03  370766.8 3809569.1   497.7     5.00     4.65
4.65     YES                    NO
 L0001118         0   0.95690E-03  370775.2 3809563.8   497.9     5.00     4.65
4.65     YES                    NO
 L0001119         0   0.95690E-03  370783.7 3809558.5   498.2     5.00     4.65
4.65     YES                    NO
 L0001120         0   0.95690E-03  370792.2 3809553.1   498.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001121	0	0.95690E-03	370800.6	3809547.8	498.7	5.00	4.65	4.65	YES	NO
L0001122	0	0.95690E-03	370809.1	3809542.5	498.9	5.00	4.65	4.65	YES	NO
L0001123	0	0.95690E-03	370817.6	3809537.2	499.1	5.00	4.65	4.65	YES	NO
L0001124	0	0.95690E-03	370826.0	3809531.9	499.4	5.00	4.65	4.65	YES	NO
L0001125	0	0.95690E-03	370834.5	3809526.5	499.6	5.00	4.65	4.65	YES	NO
L0001126	0	0.95690E-03	370843.0	3809521.2	499.8	5.00	4.65	4.65	YES	NO
L0001127	0	0.95690E-03	370852.9	3809521.0	499.7	5.00	4.65	4.65	YES	NO
L0001128	0	0.95690E-03	370862.9	3809520.9	499.6	5.00	4.65	4.65	YES	NO
L0001129	0	0.95690E-03	370872.9	3809520.8	499.4	5.00	4.65	4.65	YES	NO
L0001130	0	0.95690E-03	370882.9	3809520.7	499.3	5.00	4.65	4.65	YES	NO
L0001131	0	0.95690E-03	370892.9	3809520.6	499.1	5.00	4.65	4.65	YES	NO
L0001132	0	0.95690E-03	370902.9	3809520.5	499.0	5.00	4.65	4.65	YES	NO
L0001133	0	0.95690E-03	370912.9	3809520.4	498.8	5.00	4.65	4.65	YES	NO
L0001134	0	0.95690E-03	370922.9	3809520.3	498.7	5.00	4.65	4.65	YES	NO
L0001135	0	0.95690E-03	370932.9	3809520.2	498.5	5.00	4.65	4.65	YES	NO
L0001136	0	0.95690E-03	370942.9	3809520.1	498.4	5.00	4.65	4.65	YES	NO
L0001137	0	0.95690E-03	370952.9	3809520.0	498.2	5.00	4.65	4.65	YES	NO
L0001138	0	0.95690E-03	370962.9	3809519.9	498.1	5.00	4.65	4.65	YES	NO
L0001139	0	0.95690E-03	370972.9	3809519.8	497.9	5.00	4.65	4.65	YES	NO
L0001140	0	0.95690E-03	370982.9	3809519.7	497.8	5.00	4.65	4.65	YES	NO
L0001141	0	0.95690E-03	370992.9	3809519.6	497.6	5.00	4.65	4.65	YES	NO
L0001142	0	0.95690E-03	371002.9	3809519.5	497.5	5.00	4.65	4.65	YES	NO
L0001143	0	0.95690E-03	371012.9	3809519.4	497.3	5.00	4.65			

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4.65     YES                    NO
 L0001144         0   0.95690E-03  371022.6 3809519.5   497.2     5.00     4.65
4.65     YES                    NO
 L0001145         0   0.95690E-03  371022.2 3809529.5   497.0     5.00     4.65
4.65     YES                    NO
 L0001146         0   0.95690E-03  371021.8 3809539.5   496.8     5.00     4.65
4.65     YES                    NO
 L0001147         0   0.95690E-03  371021.4 3809549.5   496.6     5.00     4.65
4.65     YES                    NO
 L0001148         0   0.95690E-03  371021.0 3809559.5   496.4     5.00     4.65
4.65     YES                    NO
 L0001149         0   0.95690E-03  371020.7 3809569.5   496.2     5.00     4.65
4.65     YES                    NO
 L0001150         0   0.95690E-03  371020.3 3809579.5   496.0     5.00     4.65
4.65     YES                    NO
 L0001151         0   0.95690E-03  371019.9 3809589.5   495.8     5.00     4.65
4.65     YES                    NO
 L0001152         0   0.95690E-03  371019.5 3809599.5   495.6     5.00     4.65
4.65     YES                    NO
 L0001153         0   0.95690E-03  371019.1 3809609.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001154         0   0.95690E-03  371018.7 3809619.5   495.1     5.00     4.65
4.65     YES                    NO
 L0001155         0   0.95690E-03  371018.3 3809629.5   494.9     5.00     4.65
4.65     YES                    NO
 L0001156         0   0.95690E-03  371017.9 3809639.5   494.7     5.00     4.65
4.65     YES                    NO
 L0001157         0   0.95690E-03  371017.5 3809649.4   494.5     5.00     4.65
4.65     YES                    NO
 L0001158         0   0.95690E-03  371017.1 3809659.4   494.3     5.00     4.65
4.65     YES                    NO
 L0001159         0   0.95690E-03  371016.8 3809669.4   494.1     5.00     4.65
4.65     YES                    NO
 L0001160         0   0.95690E-03  371016.4 3809679.4   493.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY							
L0001161	0	0.95690E-03	371016.0	3809689.4	493.7	5.00	4.65	4.65	YES NO
L0001162	0	0.95690E-03	371015.6	3809699.4	493.5	5.00	4.65	4.65	YES NO
L0001163	0	0.95690E-03	371015.2	3809709.4	493.3	5.00	4.65	4.65	YES NO
L0001164	0	0.95690E-03	371014.8	3809719.4	493.1	5.00	4.65	4.65	YES NO
L0001165	0	0.95690E-03	371014.4	3809729.4	492.9	5.00	4.65	4.65	YES NO
L0001166	0	0.95690E-03	371014.0	3809739.4	492.7	5.00	4.65	4.65	YES NO
L0001167	0	0.95690E-03	371013.6	3809749.4	492.5	5.00	4.65	4.65	YES NO
L0001168	0	0.95690E-03	371013.2	3809759.4	492.3	5.00	4.65	4.65	YES NO
L0001169	0	0.95690E-03	371012.9	3809769.4	492.1	5.00	4.65	4.65	YES NO
L0001170	0	0.95690E-03	371012.5	3809779.3	491.9	5.00	4.65	4.65	YES NO
L0001171	0	0.95690E-03	371012.1	3809789.3	491.7	5.00	4.65	4.65	YES NO
L0001172	0	0.95690E-03	371011.7	3809799.3	491.5	5.00	4.65	4.65	YES NO
L0001173	0	0.95690E-03	371011.3	3809809.3	491.2	5.00	4.65	4.65	YES NO
L0001174	0	0.95690E-03	371010.9	3809819.3	491.1	5.00	4.65	4.65	YES NO
L0001175	0	0.95690E-03	371010.5	3809829.3	490.8	5.00	4.65	4.65	YES NO
L0001176	0	0.95690E-03	371010.1	3809839.3	490.6	5.00	4.65	4.65	YES NO
L0001177	0	0.95690E-03	371009.7	3809849.3	490.4	5.00	4.65	4.65	YES NO
L0001178	0	0.95690E-03	371009.3	3809859.3	490.2	5.00	4.65	4.65	YES NO
L0001179	0	0.95690E-03	371009.0	3809869.3	490.0	5.00	4.65	4.65	YES NO
L0001180	0	0.95690E-03	371008.6	3809879.3	489.8	5.00	4.65	4.65	YES NO
L0001181	0	0.95690E-03	371006.0	3809886.5	489.7	5.00	4.65	4.65	YES NO
L0001182	0	0.95690E-03	370996.2	3809884.6	489.7	5.00	4.65	4.65	YES NO
L0001183	0	0.95690E-03	370986.3	3809882.7	489.7	5.00	4.65		

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4.65     YES                    NO
 L0001184         0   0.95690E-03  370976.5 3809880.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001185         0   0.95690E-03  370966.7 3809878.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001186         0   0.95690E-03  370956.9 3809876.9   489.8     5.00     4.65
4.65     YES                    NO
 L0001187         0   0.95690E-03  370947.1 3809875.0   489.8     5.00     4.65
4.65     YES                    NO
 L0001188         0   0.95690E-03  370937.3 3809873.1   489.9     5.00     4.65
4.65     YES                    NO
 L0001189         0   0.95690E-03  370927.4 3809871.2   489.9     5.00     4.65
4.65     YES                    NO
 L0001190         0   0.95690E-03  370917.6 3809869.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001191         0   0.95690E-03  370907.8 3809867.4   489.9     5.00     4.65
4.65     YES                    NO
 L0001192         0   0.95690E-03  370898.0 3809865.5   490.0     5.00     4.65
4.65     YES                    NO
 L0001193         0   0.95690E-03  370888.2 3809863.6   490.0     5.00     4.65
4.65     YES                    NO
 L0001194         0   0.95690E-03  370878.4 3809861.7   490.0     5.00     4.65
4.65     YES                    NO
 L0001195         0   0.95690E-03  370868.5 3809859.8   490.1     5.00     4.65
4.65     YES                    NO
 L0001196         0   0.95690E-03  370858.7 3809857.9   490.1     5.00     4.65
4.65     YES                    NO
 L0001197         0   0.95690E-03  370848.9 3809855.9   490.1     5.00     4.65
4.65     YES                    NO
 L0001198         0   0.95690E-03  370839.1 3809854.0   490.1     5.00     4.65
4.65     YES                    NO
 L0001199         0   0.95690E-03  370829.3 3809852.1   490.2     5.00     4.65
4.65     YES                    NO
 L0001200         0   0.95690E-03  370819.5 3809850.2   490.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001201	0	0.95690E-03	370809.6	3809848.3	490.2	5.00	4.65	4.65	YES NO
L0001202	0	0.95690E-03	370799.8	3809846.4	490.2	5.00	4.65	4.65	YES NO
L0001203	0	0.95690E-03	370790.0	3809844.5	490.3	5.00	4.65	4.65	YES NO
L0001204	0	0.95690E-03	370780.2	3809842.6	490.3	5.00	4.65	4.65	YES NO
L0001205	0	0.95690E-03	370770.4	3809840.7	490.3	5.00	4.65	4.65	YES NO
L0001206	0	0.95690E-03	370760.6	3809838.8	490.4	5.00	4.65	4.65	YES NO
L0001207	0	0.95690E-03	370750.8	3809836.9	490.4	5.00	4.65	4.65	YES NO
L0001208	0	0.95690E-03	370740.9	3809834.9	490.4	5.00	4.65	4.65	YES NO
L0001209	0	0.95690E-03	370731.1	3809833.0	490.4	5.00	4.65	4.65	YES NO
L0001210	0	0.95690E-03	370721.3	3809831.1	490.5	5.00	4.65	4.65	YES NO
L0001211	0	0.95690E-03	370711.5	3809829.2	490.5	5.00	4.65	4.65	YES NO
L0001212	0	0.95690E-03	370701.7	3809827.3	490.5	5.00	4.65	4.65	YES NO
L0001213	0	0.95690E-03	370691.9	3809825.4	490.6	5.00	4.65	4.65	YES NO
L0001214	0	0.95690E-03	370682.9	3809821.8	490.6	5.00	4.65	4.65	YES NO
L0001215	0	0.95690E-03	370675.5	3809815.0	490.7	5.00	4.65	4.65	YES NO
L0001216	0	0.95690E-03	370668.2	3809808.2	490.8	5.00	4.65	4.65	YES NO
L0001217	0	0.95690E-03	370660.8	3809801.5	490.9	5.00	4.65	4.65	YES NO
L0001218	0	0.95690E-03	370653.5	3809794.7	491.0	5.00	4.65	4.65	YES NO
L0001219	0	0.95690E-03	370646.2	3809787.9	491.1	5.00	4.65	4.65	YES NO
L0001220	0	0.95690E-03	370638.8	3809781.1	491.2	5.00	4.65	4.65	YES NO
L0001221	0	0.95690E-03	370631.5	3809774.3	491.3	5.00	4.65	4.65	YES NO
L0001222	0	0.95690E-03	370624.1	3809767.5	491.4	5.00	4.65	4.65	YES NO
L0001223	0	0.95690E-03	370616.8	3809760.8	491.5	5.00	4.65		

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4.65     YES                    NO
 L0001224         0   0.95690E-03  370609.9 3809753.5   491.7     5.00     4.65
4.65     YES                    NO
 L0001225         0   0.95690E-03  370603.1 3809746.1   491.9     5.00     4.65
4.65     YES                    NO
 L0001226         0   0.95690E-03  370596.4 3809738.8   492.1     5.00     4.65
4.65     YES                    NO
 L0001227         0   0.95690E-03  370595.8 3809729.0   492.3     5.00     4.65
4.65     YES                    NO
 L0001228         0   0.95690E-03  370595.8 3809719.0   492.5     5.00     4.65
4.65     YES                    NO
 L0001229         0   0.95690E-03  370603.7 3809713.4   492.7     5.00     4.65
4.65     YES                    NO
 L0001230         0   0.95690E-03  370612.2 3809708.1   492.9     5.00     4.65
4.65     YES                    NO
 L0001231         0   0.95690E-03  370620.7 3809702.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.95690E-03  370629.2 3809697.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.95690E-03  370637.7 3809692.3   493.4     5.00     4.65
4.65     YES                    NO
 L0001234         0   0.95690E-03  370646.2 3809687.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.95690E-03  370654.6 3809681.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.95690E-03  370663.1 3809676.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.95690E-03  370671.6 3809671.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.95690E-03  370680.1 3809665.9   494.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.95690E-03  370688.6 3809660.6   494.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.95690E-03  370697.1 3809655.3   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001241	0	0.95690E-03	370705.6	3809650.1	495.0	5.00	4.65	4.65	YES NO
L0001242	0	0.95690E-03	370714.1	3809644.8	495.2	5.00	4.65	4.65	YES NO
L0001243	0	0.95690E-03	370722.6	3809639.5	495.4	5.00	4.65	4.65	YES NO
L0001244	0	0.95690E-03	370731.1	3809634.2	495.6	5.00	4.65	4.65	YES NO
L0001245	0	0.95690E-03	370739.6	3809629.0	495.8	5.00	4.65	4.65	YES NO
L0001246	0	0.95690E-03	370748.1	3809623.7	496.0	5.00	4.65	4.65	YES NO
L0001247	0	0.95690E-03	370756.6	3809618.4	496.2	5.00	4.65	4.65	YES NO
L0001248	0	0.95690E-03	370765.1	3809613.1	496.4	5.00	4.65	4.65	YES NO
L0001249	0	0.95690E-03	370773.6	3809607.8	496.6	5.00	4.65	4.65	YES NO
L0001250	0	0.95690E-03	370782.1	3809602.6	496.7	5.00	4.65	4.65	YES NO
L0001251	0	0.95690E-03	370790.5	3809597.3	496.9	5.00	4.65	4.65	YES NO
L0001252	0	0.95690E-03	370799.0	3809592.0	497.1	5.00	4.65	4.65	YES NO
L0001253	0	0.95690E-03	370807.5	3809586.7	497.3	5.00	4.65	4.65	YES NO
L0001254	0	0.95690E-03	370816.0	3809581.5	497.5	5.00	4.65	4.65	YES NO
L0001255	0	0.95690E-03	370824.5	3809576.2	497.7	5.00	4.65	4.65	YES NO
L0001256	0	0.95690E-03	370833.0	3809570.9	497.9	5.00	4.65	4.65	YES NO
L0001257	0	0.95690E-03	370841.5	3809565.6	498.1	5.00	4.65	4.65	YES NO
L0001258	0	0.95690E-03	370850.6	3809562.3	498.2	5.00	4.65	4.65	YES NO
L0001259	0	0.95690E-03	370860.6	3809562.3	498.0	5.00	4.65	4.65	YES NO
L0001260	0	0.95690E-03	370870.6	3809562.3	497.9	5.00	4.65	4.65	YES NO
L0001261	0	0.95690E-03	370880.6	3809562.3	497.7	5.00	4.65	4.65	YES NO
L0001262	0	0.95690E-03	370890.6	3809562.3	497.6	5.00	4.65	4.65	YES NO
L0001263	0	0.95690E-03	370900.6	3809562.3	497.4	5.00	4.65		

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4.65     YES                    NO
 L0001264         0   0.95690E-03  370910.6 3809562.3   497.3     5.00     4.65
4.65     YES                    NO
 L0001265         0   0.95690E-03  370920.6 3809562.3   497.1     5.00     4.65
4.65     YES                    NO
 L0001266         0   0.95690E-03  370930.6 3809562.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001267         0   0.95690E-03  370940.6 3809562.3   496.8     5.00     4.65
4.65     YES                    NO
 L0001268         0   0.95690E-03  370950.6 3809562.3   496.7     5.00     4.65
4.65     YES                    NO
 L0001269         0   0.95690E-03  370960.6 3809562.3   496.5     5.00     4.65
4.65     YES                    NO
 L0001270         0   0.95690E-03  370968.8 3809564.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001271         0   0.95690E-03  370968.7 3809574.0   496.2     5.00     4.65
4.65     YES                    NO
 L0001272         0   0.95690E-03  370968.7 3809584.0   495.9     5.00     4.65
4.65     YES                    NO
 L0001273         0   0.95690E-03  370968.6 3809594.0   495.7     5.00     4.65
4.65     YES                    NO
 L0001274         0   0.95690E-03  370968.5 3809604.0   495.4     5.00     4.65
4.65     YES                    NO
 L0001275         0   0.95690E-03  370968.5 3809614.0   495.2     5.00     4.65
4.65     YES                    NO
 L0001276         0   0.95690E-03  370968.4 3809624.0   495.0     5.00     4.65
4.65     YES                    NO
 L0001277         0   0.95690E-03  370968.4 3809634.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001278         0   0.95690E-03  370968.3 3809644.0   494.5     5.00     4.65
4.65     YES                    NO
 L0001279         0   0.95690E-03  370968.2 3809654.0   494.3     5.00     4.65
4.65     YES                    NO
 L0001280         0   0.95690E-03  370968.2 3809664.0   494.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0001281	0	0.95690E-03	370968.1	3809674.0	493.8	5.00	4.65	4.65	YES
L0001282	0	0.95690E-03	370968.0	3809684.0	493.6	5.00	4.65	4.65	YES
L0001283	0	0.95690E-03	370968.0	3809694.0	493.3	5.00	4.65	4.65	YES
L0001284	0	0.95690E-03	370967.9	3809704.0	493.1	5.00	4.65	4.65	YES
L0001285	0	0.95690E-03	370967.9	3809714.0	492.9	5.00	4.65	4.65	YES
L0001286	0	0.95690E-03	370967.8	3809724.0	492.6	5.00	4.65	4.65	YES
L0001287	0	0.95690E-03	370967.7	3809734.0	492.4	5.00	4.65	4.65	YES
L0001288	0	0.95690E-03	370967.7	3809744.0	492.2	5.00	4.65	4.65	YES
L0001289	0	0.95690E-03	370967.6	3809754.0	491.9	5.00	4.65	4.65	YES
L0001290	0	0.95690E-03	370967.5	3809764.0	491.7	5.00	4.65	4.65	YES
L0001291	0	0.95690E-03	370967.5	3809774.0	491.5	5.00	4.65	4.65	YES
L0001292	0	0.95690E-03	370967.4	3809784.0	491.2	5.00	4.65	4.65	YES
L0001293	0	0.95690E-03	370967.4	3809794.0	491.0	5.00	4.65	4.65	YES
L0001294	0	0.95690E-03	370967.3	3809804.0	490.8	5.00	4.65	4.65	YES
L0001295	0	0.95690E-03	370967.2	3809814.0	490.5	5.00	4.65	4.65	YES
L0001296	0	0.95690E-03	370967.2	3809824.0	490.3	5.00	4.65	4.65	YES
L0001297	0	0.95690E-03	370967.1	3809834.0	490.1	5.00	4.65	4.65	YES
L0001298	0	0.95690E-03	370967.0	3809844.0	489.8	5.00	4.65	4.65	YES
L0001299	0	0.95690E-03	370960.6	3809846.2	489.8	5.00	4.65	4.65	YES
L0001300	0	0.95690E-03	370950.8	3809844.3	489.9	5.00	4.65	4.65	YES
L0001301	0	0.95690E-03	370940.9	3809842.3	489.9	5.00	4.65	4.65	YES
L0001302	0	0.95690E-03	370931.1	3809840.4	490.0	5.00	4.65	4.65	YES
L0001303	0	0.95690E-03	370921.3	3809838.5	490.1	5.00	4.65		

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4.65     YES                    NO
 L0001304         0   0.95690E-03  370911.5 3809836.5   490.2     5.00     4.65
4.65     YES                    NO
 L0001305         0   0.95690E-03  370901.7 3809834.6   490.2     5.00     4.65
4.65     YES                    NO
 L0001306         0   0.95690E-03  370891.9 3809832.7   490.3     5.00     4.65
4.65     YES                    NO
 L0001307         0   0.95690E-03  370882.1 3809830.7   490.4     5.00     4.65
4.65     YES                    NO
 L0001308         0   0.95690E-03  370872.3 3809828.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001309         0   0.95690E-03  370862.5 3809826.9   490.5     5.00     4.65
4.65     YES                    NO
 L0001310         0   0.95690E-03  370852.6 3809824.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001311         0   0.95690E-03  370842.8 3809823.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001312         0   0.95690E-03  370833.0 3809821.1   490.7     5.00     4.65
4.65     YES                    NO
 L0001313         0   0.95690E-03  370823.2 3809819.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001314         0   0.95690E-03  370813.4 3809817.2   490.9     5.00     4.65
4.65     YES                    NO
 L0001315         0   0.95690E-03  370803.6 3809815.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001316         0   0.95690E-03  370793.8 3809813.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001317         0   0.95690E-03  370784.0 3809811.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001318         0   0.95690E-03  370774.1 3809809.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001319         0   0.95690E-03  370764.3 3809807.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001320         0   0.95690E-03  370754.5 3809805.6   491.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001321	0	0.95690E-03	370744.7	3809803.7	491.4	5.00	4.65	4.65	YES NO
L0001322	0	0.95690E-03	370734.9	3809801.8	491.5	5.00	4.65	4.65	YES NO
L0001323	0	0.95690E-03	370726.3	3809797.4	491.6	5.00	4.65	4.65	YES NO
L0001324	0	0.95690E-03	370718.8	3809790.8	491.7	5.00	4.65	4.65	YES NO
L0001325	0	0.95690E-03	370711.2	3809784.2	491.9	5.00	4.65	4.65	YES NO
L0001326	0	0.95690E-03	370703.7	3809777.7	492.0	5.00	4.65	4.65	YES NO
L0001327	0	0.95690E-03	370696.1	3809771.1	492.1	5.00	4.65	4.65	YES NO
L0001328	0	0.95690E-03	370688.6	3809764.5	492.3	5.00	4.65	4.65	YES NO
L0001329	0	0.95690E-03	370681.1	3809757.9	492.4	5.00	4.65	4.65	YES NO
L0001330	0	0.95690E-03	370673.5	3809751.4	492.6	5.00	4.65	4.65	YES NO
L0001331	0	0.95690E-03	370666.0	3809744.8	492.7	5.00	4.65	4.65	YES NO
L0001332	0	0.95690E-03	370662.3	3809738.4	492.9	5.00	4.65	4.65	YES NO
L0001333	0	0.95690E-03	370670.4	3809732.5	493.1	5.00	4.65	4.65	YES NO
L0001334	0	0.95690E-03	370678.5	3809726.6	493.4	5.00	4.65	4.65	YES NO
L0001335	0	0.95690E-03	370686.6	3809720.7	493.6	5.00	4.65	4.65	YES NO
L0001336	0	0.95690E-03	370694.6	3809714.8	493.8	5.00	4.65	4.65	YES NO
L0001337	0	0.95690E-03	370702.7	3809708.9	494.1	5.00	4.65	4.65	YES NO
L0001338	0	0.95690E-03	370710.8	3809703.0	494.3	5.00	4.65	4.65	YES NO
L0001339	0	0.95690E-03	370718.9	3809697.1	494.5	5.00	4.65	4.65	YES NO
L0001340	0	0.95690E-03	370727.0	3809691.2	494.8	5.00	4.65	4.65	YES NO
L0001341	0	0.95690E-03	370735.0	3809685.3	495.0	5.00	4.65	4.65	YES NO
L0001342	0	0.95690E-03	370743.1	3809679.4	495.3	5.00	4.65	4.65	YES NO
L0001343	0	0.95690E-03	370751.2	3809673.6	495.5	5.00	4.65		

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4.65     YES                    NO
 L0001344         0   0.95690E-03  370759.3 3809667.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001345         0   0.95690E-03  370767.3 3809661.8   496.0     5.00     4.65
4.65     YES                    NO
 L0001346         0   0.95690E-03  370775.4 3809655.9   496.2     5.00     4.65
4.65     YES                    NO
 L0001347         0   0.95690E-03  370783.5 3809650.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001348         0   0.95690E-03  370791.6 3809644.1   496.7     5.00     4.65
4.65     YES                    NO
 L0001349         0   0.95690E-03  370800.2 3809639.0   496.8     5.00     4.65
4.65     YES                    NO
 L0001350         0   0.95690E-03  370808.9 3809634.1   496.8     5.00     4.65
4.65     YES                    NO
 L0001351         0   0.95690E-03  370817.6 3809629.1   496.9     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.95690E-03  370826.3 3809624.2   496.9     5.00     4.65
4.65     YES                    NO
 L0001353         0   0.95690E-03  370835.0 3809619.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001354         0   0.95690E-03  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.95690E-03  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.95690E-03  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.95690E-03  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.95690E-03  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.95690E-03  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.95690E-03  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001361	0	0.95690E-03	370907.1	3809589.2	497.2	5.00	4.65	4.65	YES NO
L0001362	0	0.95690E-03	370917.1	3809589.2	497.1	5.00	4.65	4.65	YES NO
L0001363	0	0.95690E-03	370927.1	3809589.2	497.0	5.00	4.65	4.65	YES NO
L0001364	0	0.95690E-03	370936.5	3809589.7	496.9	5.00	4.65	4.65	YES NO
L0001365	0	0.95690E-03	370936.4	3809599.7	496.6	5.00	4.65	4.65	YES NO
L0001366	0	0.95690E-03	370936.2	3809609.7	496.3	5.00	4.65	4.65	YES NO
L0001367	0	0.95690E-03	370936.0	3809619.7	496.1	5.00	4.65	4.65	YES NO
L0001368	0	0.95690E-03	370935.9	3809629.7	495.8	5.00	4.65	4.65	YES NO
L0001369	0	0.95690E-03	370935.7	3809639.7	495.5	5.00	4.65	4.65	YES NO
L0001370	0	0.95690E-03	370935.6	3809649.7	495.2	5.00	4.65	4.65	YES NO
L0001371	0	0.95690E-03	370935.4	3809659.7	494.9	5.00	4.65	4.65	YES NO
L0001372	0	0.95690E-03	370935.2	3809669.7	494.6	5.00	4.65	4.65	YES NO
L0001373	0	0.95690E-03	370935.1	3809679.7	494.4	5.00	4.65	4.65	YES NO
L0001374	0	0.95690E-03	370934.9	3809689.7	494.1	5.00	4.65	4.65	YES NO
L0001375	0	0.95690E-03	370934.8	3809699.7	493.8	5.00	4.65	4.65	YES NO
L0001376	0	0.95690E-03	370934.6	3809709.7	493.5	5.00	4.65	4.65	YES NO
L0001377	0	0.95690E-03	370934.4	3809719.7	493.2	5.00	4.65	4.65	YES NO
L0001378	0	0.95690E-03	370934.3	3809729.7	492.9	5.00	4.65	4.65	YES NO
L0001379	0	0.95690E-03	370934.1	3809739.7	492.6	5.00	4.65	4.65	YES NO
L0001380	0	0.95690E-03	370934.0	3809749.7	492.4	5.00	4.65	4.65	YES NO
L0001381	0	0.95690E-03	370933.8	3809759.7	492.1	5.00	4.65	4.65	YES NO
L0001382	0	0.95690E-03	370933.6	3809769.7	491.8	5.00	4.65	4.65	YES NO
L0001383	0	0.95690E-03	370933.5	3809779.7	491.5	5.00	4.65		

```
4.65     YES                    NO
 L0001384         0   0.95690E-03  370933.3 3809789.7   491.2     5.00     4.65
4.65     YES                    NO
 L0001385         0   0.95690E-03  370933.2 3809799.7   490.9     5.00     4.65
4.65     YES                    NO
 L0001386         0   0.95690E-03  370933.0 3809809.7   490.7     5.00     4.65
4.65     YES                    NO
 L0001387         0   0.95690E-03  370926.8 3809811.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001388         0   0.95690E-03  370917.1 3809809.5   490.7     5.00     4.65
4.65     YES                    NO
 L0001389         0   0.95690E-03  370907.4 3809807.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001390         0   0.95690E-03  370897.7 3809804.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001391         0   0.95690E-03  370888.0 3809802.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001392         0   0.95690E-03  370878.3 3809800.0   491.2     5.00     4.65
4.65     YES                    NO
 L0001393         0   0.95690E-03  370868.5 3809797.6   491.3     5.00     4.65
4.65     YES                    NO
 L0001394         0   0.95690E-03  370858.8 3809795.2   491.4     5.00     4.65
4.65     YES                    NO
 L0001395         0   0.95690E-03  370849.1 3809792.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001396         0   0.95690E-03  370839.4 3809790.5   491.6     5.00     4.65
4.65     YES                    NO
 L0001397         0   0.95690E-03  370829.7 3809788.1   491.7     5.00     4.65
4.65     YES                    NO
 L0001398         0   0.95690E-03  370820.0 3809785.7   491.8     5.00     4.65
4.65     YES                    NO
 L0001399         0   0.95690E-03  370810.3 3809783.3   491.9     5.00     4.65
4.65     YES                    NO
 L0001400         0   0.95690E-03  370800.6 3809780.9   492.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001401	0	0.95690E-03	370790.8	3809778.6	492.2	5.00	4.65	4.65	YES NO
L0001402	0	0.95690E-03	370781.1	3809776.2	492.3	5.00	4.65	4.65	YES NO
L0001403	0	0.95690E-03	370771.4	3809773.8	492.4	5.00	4.65	4.65	YES NO
L0001404	0	0.95690E-03	370761.7	3809771.4	492.5	5.00	4.65	4.65	YES NO
L0001405	0	0.95690E-03	370752.0	3809769.0	492.6	5.00	4.65	4.65	YES NO
L0001406	0	0.95690E-03	370744.9	3809762.4	492.8	5.00	4.65	4.65	YES NO
L0001407	0	0.95690E-03	370738.5	3809754.8	493.0	5.00	4.65	4.65	YES NO
L0001408	0	0.95690E-03	370732.1	3809747.1	493.2	5.00	4.65	4.65	YES NO
L0001409	0	0.95690E-03	370733.8	3809737.3	493.2	5.00	4.65	4.65	YES NO
L0001410	0	0.95690E-03	370735.6	3809727.4	493.2	5.00	4.65	4.65	YES NO
L0001411	0	0.95690E-03	370743.9	3809721.9	493.4	5.00	4.65	4.65	YES NO
L0001412	0	0.95690E-03	370752.3	3809716.4	493.5	5.00	4.65	4.65	YES NO
L0001413	0	0.95690E-03	370760.7	3809710.9	493.6	5.00	4.65	4.65	YES NO
L0001414	0	0.95690E-03	370769.0	3809705.5	493.8	5.00	4.65	4.65	YES NO
L0001415	0	0.95690E-03	370777.4	3809700.0	493.9	5.00	4.65	4.65	YES NO
L0001416	0	0.95690E-03	370785.7	3809694.5	494.0	5.00	4.65	4.65	YES NO
L0001417	0	0.95690E-03	370794.1	3809689.0	494.2	5.00	4.65	4.65	YES NO
L0001418	0	0.95690E-03	370802.5	3809683.5	494.3	5.00	4.65	4.65	YES NO
L0001419	0	0.95690E-03	370810.8	3809678.1	494.4	5.00	4.65	4.65	YES NO
L0001420	0	0.95690E-03	370819.2	3809672.6	494.5	5.00	4.65	4.65	YES NO
L0001421	0	0.95690E-03	370827.6	3809667.1	494.7	5.00	4.65	4.65	YES NO
L0001422	0	0.95690E-03	370835.9	3809661.6	494.8	5.00	4.65	4.65	YES NO
L0001423	0	0.95690E-03	370844.3	3809656.2	494.9	5.00	4.65		

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4.65     YES                    NO
 L0001424         0   0.95690E-03  370852.7 3809650.7   495.1     5.00     4.65
4.65     YES                    NO
 L0001425         0   0.95690E-03  370861.0 3809645.2   495.2     5.00     4.65
4.65     YES                    NO
 L0001426         0   0.95690E-03  370869.4 3809639.7   495.3     5.00     4.65
4.65     YES                    NO
 L0001427         0   0.95690E-03  370877.8 3809634.2   495.5     5.00     4.65
4.65     YES                    NO
 L0001428         0   0.95690E-03  370886.1 3809628.8   495.6     5.00     4.65
4.65     YES                    NO
 L0001429         0   0.95690E-03  370895.6 3809625.6   496.2     5.00     4.65
4.65     YES                    NO
 L0001430         0   0.95690E-03  370902.4 3809626.1   496.5     5.00     4.65
4.65     YES                    NO
 L0001431         0   0.95690E-03  370902.4 3809636.1   496.2     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.95690E-03  370902.4 3809646.1   495.9     5.00     4.65
4.65     YES                    NO
 L0001433         0   0.95690E-03  370902.4 3809656.1   495.6     5.00     4.65
4.65     YES                    NO
 L0001434         0   0.95690E-03  370902.4 3809666.1   495.3     5.00     4.65
4.65     YES                    NO
 L0001435         0   0.95690E-03  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.95690E-03  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.95690E-03  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.95690E-03  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.95690E-03  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.95690E-03  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0001441	0	0.95690E-03	370902.4	3809736.1	493.0	5.00	4.65	4.65	YES	NO
L0001442	0	0.95690E-03	370902.4	3809746.1	492.7	5.00	4.65	4.65	YES	NO
L0001443	0	0.95690E-03	370902.4	3809756.1	492.4	5.00	4.65	4.65	YES	NO
L0001444	0	0.95690E-03	370902.4	3809766.1	492.1	5.00	4.65	4.65	YES	NO
L0001445	0	0.95690E-03	370902.4	3809776.1	491.8	5.00	4.65	4.65	YES	NO
L0001446	0	0.95690E-03	370895.9	3809777.9	491.7	5.00	4.65	4.65	YES	NO
L0001447	0	0.95690E-03	370886.1	3809775.7	491.8	5.00	4.65	4.65	YES	NO
L0001448	0	0.95690E-03	370876.3	3809773.6	491.9	5.00	4.65	4.65	YES	NO
L0001449	0	0.95690E-03	370866.6	3809771.4	492.0	5.00	4.65	4.65	YES	NO
L0001450	0	0.95690E-03	370856.8	3809769.2	492.1	5.00	4.65	4.65	YES	NO
L0001451	0	0.95690E-03	370847.0	3809767.1	492.2	5.00	4.65	4.65	YES	NO
L0001452	0	0.95690E-03	370837.3	3809764.9	492.3	5.00	4.65	4.65	YES	NO
L0001453	0	0.95690E-03	370827.5	3809762.8	492.4	5.00	4.65	4.65	YES	NO
L0001454	0	0.95690E-03	370817.7	3809760.6	492.5	5.00	4.65	4.65	YES	NO
L0001455	0	0.95690E-03	370808.0	3809758.5	492.6	5.00	4.65	4.65	YES	NO
L0001456	0	0.95690E-03	370798.2	3809756.3	492.7	5.00	4.65	4.65	YES	NO
L0001457	0	0.95690E-03	370788.4	3809754.2	492.8	5.00	4.65	4.65	YES	NO
L0001458	0	0.95690E-03	370781.4	3809750.8	492.9	5.00	4.65	4.65	YES	NO
L0001459	0	0.95690E-03	370786.5	3809742.2	493.1	5.00	4.65	4.65	YES	NO
L0001460	0	0.95690E-03	370791.5	3809733.5	493.4	5.00	4.65	4.65	YES	NO
L0001461	0	0.95690E-03	370798.7	3809726.9	493.6	5.00	4.65	4.65	YES	NO
L0001462	0	0.95690E-03	370807.0	3809721.2	493.7	5.00	4.65	4.65	YES	NO
L0001463	0	0.95690E-03	370815.2	3809715.5	493.9	5.00	4.65			

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4.65     YES                    NO
 L0001464         0   0.95690E-03  370823.4 3809709.8   494.1     5.00     4.65
4.65     YES                    NO
 L0001465         0   0.95690E-03  370831.6 3809704.1   494.2     5.00     4.65
4.65     YES                    NO
 L0001466         0   0.95690E-03  370839.8 3809698.4   494.4     5.00     4.65
4.65     YES                    NO
 L0001467         0   0.95690E-03  370848.0 3809692.7   494.5     5.00     4.65
4.65     YES                    NO
 L0001468         0   0.95690E-03  370856.2 3809687.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001469         0   0.95690E-03  370864.4 3809681.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001470         0   0.95690E-03  370872.6 3809675.5   495.0     5.00     4.65
4.65     YES                    NO
 L0001471         0   0.95690E-03  370875.5 3809679.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.95690E-03  370875.5 3809689.9   494.6     5.00     4.65
4.65     YES                    NO
 L0001473         0   0.95690E-03  370875.5 3809699.9   494.3     5.00     4.65
4.65     YES                    NO
 L0001474         0   0.95690E-03  370875.5 3809709.9   494.0     5.00     4.65
4.65     YES                    NO
 L0001475         0   0.95690E-03  370875.5 3809719.9   493.7     5.00     4.65
4.65     YES                    NO
 L0001476         0   0.95690E-03  370875.5 3809729.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001477         0   0.95690E-03  370875.5 3809739.9   493.2     5.00     4.65
4.65     YES                    NO
 L0001478         0   0.95690E-03  370869.1 3809743.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001479         0   0.95690E-03  370859.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001480         0   0.95690E-03  370849.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

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L0000038    , L0000039    , L0000040    ,

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L0000134    , L0000135    , L0000136    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,

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L0000294    , L0000295    , L0000296    ,

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L0000310    , L0000311    , L0000312    ,

             L0000313    , L0000314    , L0000315    , L0000316    , L0000317    ,
L0000318    , L0000319    , L0000320    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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             L0000321    , L0000322    , L0000323    , L0000324    , L0000325    ,
L0000326    , L0000327    , L0000328    ,
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L0000329 , L0000330 , L0000331 , L0000332 , L0000333 ,
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L0000337 , L0000338 , L0000339 , L0000340 , L0000341 ,
L0000342 , L0000343 , L0000344 ,

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L0000350 , L0000351 , L0000352 ,

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L0000358 , L0000359 , L0000360 ,

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L0000366 , L0000367 , L0000368 ,

L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 ,

L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 ,

L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 ,

L0000393 , L0000394 , L0000395 , L0000396 , L0000397 ,
L0000398 , L0000399 , L0000400 ,

L0000401 , L0000402 , L0000403 , L0000404 , L0000405 ,
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L0000414 , L0000415 , L0000416 ,

L0000417 , L0000418 , L0000419 , L0000420 , L0000421 ,
L0000422 , L0000423 , L0000424 ,

L0000425 , L0000426 , L0000427 , L0000428 , L0000429 ,
L0000430 , L0000431 , L0000432 ,

L0000433 , L0000434 , L0000435 , L0000436 , L0000437 ,
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L0000441 , L0000442 , L0000443 , L0000444 , L0000445 ,
L0000446 , L0000447 , L0000448 ,

L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
L0000454 , L0000455 , L0000456 ,

L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,

L0000462   , L0000463   , L0000464   ,

             L0000465   , L0000466   , L0000467   , L0000468   , L0000469   ,
L0000470   , L0000471   , L0000472   ,

             L0000473   , L0000474   , L0000475   , L0000476   , L0000477   ,
L0000478   , L0000479   , L0000480   ,

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000481   , L0000482   , L0000483   , L0000484   , L0000485   ,
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L0000494   , L0000495   , L0000496   ,

             L0000497   , L0000498   , L0000499   , L0000500   , L0000501   ,
L0000502   , L0000503   , L0000504   ,

             L0000505   , L0000506   , L0000507   , L0000508   , L0000509   ,
L0000510   , L0000511   , L0000512   ,

             L0000513   , L0000514   , L0000515   , L0000516   , L0000517   ,
L0000518   , L0000519   , L0000520   ,

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L0000526   , L0000527   , L0000528   ,

             L0000529   , L0000530   , L0000531   , L0000532   , L0000533   ,
L0000534   , L0000535   , L0000536   ,

             L0000537   , L0000538   , L0000539   , L0000540   , L0000541   ,
L0000542   , L0000543   , L0000544   ,

             L0000545   , L0000546   , L0000547   , L0000548   , L0000549   ,
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             L0000553   , L0000554   , L0000555   , L0000556   , L0000557   ,

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L0000558    , L0000559    , L0000560    ,

             L0000561    , L0000562    , L0000563    , L0000564    , L0000565    ,
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             L0000569    , L0000570    , L0000571    , L0000572    , L0000573    ,
L0000574    , L0000575    , L0000576    ,

             L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
L0000582    , L0000583    , L0000584    ,

             L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
L0000590    , L0000591    , L0000592    ,

             L0000593    , L0000594    , L0000595    , L0000596    , L0000597    ,
L0000598    , L0000599    , L0000600    ,

             L0000601    , L0000602    , L0000603    , L0000604    , L0000605    ,
L0000606    , L0000607    , L0000608    ,

             L0000609    , L0000610    , L0000611    , L0000612    , L0000613    ,
L0000614    , L0000615    , L0000616    ,

             L0000617    , L0000618    , L0000619    , L0000620    , L0000621    ,
L0000622    , L0000623    , L0000624    ,

             L0000625    , L0000626    , L0000627    , L0000628    , L0000629    ,
L0000630    , L0000631    , L0000632    ,

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L0000638    , L0000639    , L0000640    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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             L0000641    , L0000642    , L0000643    , L0000644    , L0000645    ,
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             L0000649    , L0000650    , L0000651    , L0000652    , L0000653    ,
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L0000654 , L0000655 , L0000656 ,

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L0000665 , L0000666 , L0000667 , L0000668 , L0000669 ,
L0000670 , L0000671 , L0000672 ,

L0000673 , L0000674 , L0000675 , L0000676 , L0000677 ,
L0000678 , L0000679 , L0000680 ,

L0000681 , L0000682 , L0000683 , L0000684 , L0000685 ,
L0000686 , L0000687 , L0000688 ,

L0000689 , L0000690 , L0000691 , L0000692 , L0000693 ,
L0000694 , L0000695 , L0000696 ,

L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
L0000702 , L0000703 , L0000704 ,

L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
L0000710 , L0000711 , L0000712 ,

L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
L0000718 , L0000719 , L0000720 ,

L0000721 , L0000722 , L0000723 , L0000724 , L0000725 ,
L0000726 , L0000727 , L0000728 ,

L0000729 , L0000730 , L0000731 , L0000732 , L0000733 ,
L0000734 , L0000735 , L0000736 ,

L0000737 , L0000738 , L0000739 , L0000740 , L0000741 ,
L0000742 , L0000743 , L0000744 ,

L0000745 , L0000746 , L0000747 , L0000748 , L0000749 ,
L0000750 , L0000751 , L0000752 ,

L0000753 , L0000754 , L0000755 , L0000756 , L0000757 ,
L0000758 , L0000759 , L0000760 ,

L0000761 , L0000762 , L0000763 , L0000764 , L0000765 ,
L0000766 , L0000767 , L0000768 ,

L0000769 , L0000770 , L0000771 , L0000772 , L0000773 ,
L0000774 , L0000775 , L0000776 ,

L0000777 , L0000778 , L0000779 , L0000780 , L0000781 ,
L0000782 , L0000783 , L0000784 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000801 , L0000802 , L0000803 , L0000804 , L0000805 ,
L0000806 , L0000807 , L0000808 ,

L0000809 , L0000810 , L0000811 , L0000812 , L0000813 ,
L0000814 , L0000815 , L0000816 ,

L0000817 , L0000818 , L0000819 , L0000820 , L0000821 ,
L0000822 , L0000823 , L0000824 ,

L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,
L0000830 , L0000831 , L0000832 ,

L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,
L0000838 , L0000839 , L0000840 ,

L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,
L0000846 , L0000847 , L0000848 ,

L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 , L0000855 , L0000856 ,

L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 , L0000863 , L0000864 ,

L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 , L0000871 , L0000872 ,

L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,
L0000878 , L0000879 , L0000880 ,

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             L0000881    , L0000882    , L0000883    , L0000884    , L0000885    ,
L0000886    , L0000887    , L0000888    ,

             L0000889    , L0000890    , L0000891    , L0000892    , L0000893    ,
L0000894    , L0000895    , L0000896    ,

             L0000897    , L0000898    , L0000899    , L0000900    , L0000901    ,
L0000902    , L0000903    , L0000904    ,

             L0000905    , L0000906    , L0000907    , L0000908    , L0000909    ,
L0000910    , L0000911    , L0000912    ,

             L0000913    , L0000914    , L0000915    , L0000916    , L0000917    ,
L0000918    , L0000919    , L0000920    ,

             L0000921    , L0000922    , L0000923    , L0000924    , L0000925    ,
L0000926    , L0000927    , L0000928    ,

             L0000929    , L0000930    , L0000931    , L0000932    , L0000933    ,
L0000934    , L0000935    , L0000936    ,

             L0000937    , L0000938    , L0000939    , L0000940    , L0000941    ,
L0000942    , L0000943    , L0000944    ,

             L0000945    , L0000946    , L0000947    , L0000948    , L0000949    ,
L0000950    , L0000951    , L0000952    ,

             L0000953    , L0000954    , L0000955    , L0000956    , L0000957    ,
L0000958    , L0000959    , L0000960    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0000961    , L0000962    , L0000963    , L0000964    , L0000965    ,
L0000966    , L0000967    , L0000968    ,

             L0000969    , L0000970    , L0000971    , L0000972    , L0000973    ,
L0000974    , L0000975    , L0000976    ,
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             L0000977    , L0000978    , L0000979    , L0000980    , L0000981    ,
L0000982    , L0000983    , L0000984    ,

             L0000985    , L0000986    , L0000987    , L0000988    , L0000989    ,
L0000990    , L0000991    , L0000992    ,

             L0000993    , L0000994    , L0000995    , L0000996    , L0000997    ,
L0000998    , L0000999    , L0001000    ,

             L0001001    , L0001002    , L0001003    , L0001004    , L0001005    ,
L0001006    , L0001007    , L0001008    ,

             L0001009    , L0001010    , L0001011    , L0001012    , L0001013    ,
L0001014    , L0001015    , L0001016    ,

             L0001017    , L0001018    , L0001019    , L0001020    , L0001021    ,
L0001022    , L0001023    , L0001024    ,

             L0001025    , L0001026    , L0001027    , L0001028    , L0001029    ,
L0001030    , L0001031    , L0001032    ,

             L0001033    , L0001034    , L0001035    , L0001036    , L0001037    ,
L0001038    , L0001039    , L0001040    ,

             L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
L0001046    , L0001047    , L0001048    ,

             L0001049    , L0001050    , L0001051    , L0001052    , L0001053    ,
L0001054    , L0001055    , L0001056    ,

             L0001057    , L0001058    , L0001059    , L0001060    , L0001061    ,
L0001062    , L0001063    , L0001064    ,

             L0001065    , L0001066    , L0001067    , L0001068    , L0001069    ,
L0001070    , L0001071    , L0001072    ,

             L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
L0001078    , L0001079    , L0001080    ,

             L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
L0001086    , L0001087    , L0001088    ,

             L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
L0001094    , L0001095    , L0001096    ,

             L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
L0001102    , L0001103    , L0001104    ,

             L0001105    , L0001106    , L0001107    , L0001108    , L0001109    ,
L0001110    , L0001111    , L0001112    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 ,
	L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,
	L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,
	L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,
	L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,
	L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,
	L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,
	L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,
	L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,
	L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,
	L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,

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             L0001209    , L0001210    , L0001211    , L0001212    , L0001213    ,
L0001214    , L0001215    , L0001216    ,

             L0001217    , L0001218    , L0001219    , L0001220    , L0001221    ,
L0001222    , L0001223    , L0001224    ,

             L0001225    , L0001226    , L0001227    , L0001228    , L0001229    ,
L0001230    , L0001231    , L0001232    ,

             L0001233    , L0001234    , L0001235    , L0001236    , L0001237    ,
L0001238    , L0001239    , L0001240    ,

             L0001241    , L0001242    , L0001243    , L0001244    , L0001245    ,
L0001246    , L0001247    , L0001248    ,

             L0001249    , L0001250    , L0001251    , L0001252    , L0001253    ,
L0001254    , L0001255    , L0001256    ,

             L0001257    , L0001258    , L0001259    , L0001260    , L0001261    ,
L0001262    , L0001263    , L0001264    ,

             L0001265    , L0001266    , L0001267    , L0001268    , L0001269    ,
L0001270    , L0001271    , L0001272    ,

             L0001273    , L0001274    , L0001275    , L0001276    , L0001277    ,
L0001278    , L0001279    , L0001280    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0001281    , L0001282    , L0001283    , L0001284    , L0001285    ,
L0001286    , L0001287    , L0001288    ,

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L0001294    , L0001295    , L0001296    ,

             L0001297    , L0001298    , L0001299    , L0001300    , L0001301    ,
L0001302    , L0001303    , L0001304    ,
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L0001305 , L0001306 , L0001307 , L0001308 , L0001309 ,
L0001310 , L0001311 , L0001312 ,

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L0001318 , L0001319 , L0001320 ,

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L0001326 , L0001327 , L0001328 ,

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L0001374 , L0001375 , L0001376 ,

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L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
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L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,
L0001430 , L0001431 , L0001432 ,

L0001433 , L0001434 , L0001435 , L0001436 , L0001437 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,
	L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 ,
	L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 ,
	L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	9663345.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

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             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

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L0000086    , L0000087    , L0000088    ,

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             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
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L0000142    , L0000143    , L0000144    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 , L0000168 ,

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L0000174 , L0000175 , L0000176 ,

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L0000182 , L0000183 , L0000184 ,

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L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
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L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,

L0000238   , L0000239   , L0000240   ,

             L0000241   , L0000242   , L0000243   , L0000244   , L0000245   ,
L0000246   , L0000247   , L0000248   ,

             L0000249   , L0000250   , L0000251   , L0000252   , L0000253   ,
L0000254   , L0000255   , L0000256   ,

             L0000257   , L0000258   , L0000259   , L0000260   , L0000261   ,
L0000262   , L0000263   , L0000264   ,

             L0000265   , L0000266   , L0000267   , L0000268   , L0000269   ,
L0000270   , L0000271   , L0000272   ,

             L0000273   , L0000274   , L0000275   , L0000276   , L0000277   ,
L0000278   , L0000279   , L0000280   ,

             L0000281   , L0000282   , L0000283   , L0000284   , L0000285   ,
L0000286   , L0000287   , L0000288   ,

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L0000294   , L0000295   , L0000296   ,

             L0000297   , L0000298   , L0000299   , L0000300   , L0000301   ,
L0000302   , L0000303   , L0000304   ,

             L0000305   , L0000306   , L0000307   , L0000308   , L0000309   ,
L0000310   , L0000311   , L0000312   ,

             L0000313   , L0000314   , L0000315   , L0000316   , L0000317   ,
L0000318   , L0000319   , L0000320   ,

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0000321   , L0000322   , L0000323   , L0000324   , L0000325   ,
L0000326   , L0000327   , L0000328   ,

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            L0000329    , L0000330    , L0000331    , L0000332    , L0000333    ,
L0000334    , L0000335    , L0000336    ,

            L0000337    , L0000338    , L0000339    , L0000340    , L0000341    ,
L0000342    , L0000343    , L0000344    ,

            L0000345    , L0000346    , L0000347    , L0000348    , L0000349    ,
L0000350    , L0000351    , L0000352    ,

            L0000353    , L0000354    , L0000355    , L0000356    , L0000357    ,
L0000358    , L0000359    , L0000360    ,

            L0000361    , L0000362    , L0000363    , L0000364    , L0000365    ,
L0000366    , L0000367    , L0000368    ,

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L0000406    , L0000407    , L0000408    ,

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L0000430    , L0000431    , L0000432    ,

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L0000438    , L0000439    , L0000440    ,

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
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L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
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L0000513 , L0000514 , L0000515 , L0000516 , L0000517 ,
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L0000534 , L0000535 , L0000536 ,

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L0000550 , L0000551 , L0000552 ,

L0000553 , L0000554 , L0000555 , L0000556 , L0000557 ,

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L0000574    , L0000575    , L0000576    ,

             L0000577    , L0000578    , L0000579    , L0000580    , L0000581    ,
L0000582    , L0000583    , L0000584    ,

             L0000585    , L0000586    , L0000587    , L0000588    , L0000589    ,
L0000590    , L0000591    , L0000592    ,

             L0000593    , L0000594    , L0000595    , L0000596    , L0000597    ,
L0000598    , L0000599    , L0000600    ,

             L0000601    , L0000602    , L0000603    , L0000604    , L0000605    ,
L0000606    , L0000607    , L0000608    ,

             L0000609    , L0000610    , L0000611    , L0000612    , L0000613    ,
L0000614    , L0000615    , L0000616    ,

             L0000617    , L0000618    , L0000619    , L0000620    , L0000621    ,
L0000622    , L0000623    , L0000624    ,

             L0000625    , L0000626    , L0000627    , L0000628    , L0000629    ,
L0000630    , L0000631    , L0000632    ,

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L0000638    , L0000639    , L0000640    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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             L0000641    , L0000642    , L0000643    , L0000644    , L0000645    ,
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L0000662    , L0000663    , L0000664    ,

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L0000670    , L0000671    , L0000672    ,

             L0000673    , L0000674    , L0000675    , L0000676    , L0000677    ,
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L0000694    , L0000695    , L0000696    ,

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L0000702    , L0000703    , L0000704    ,

             L0000705    , L0000706    , L0000707    , L0000708    , L0000709    ,
L0000710    , L0000711    , L0000712    ,

             L0000713    , L0000714    , L0000715    , L0000716    , L0000717    ,
L0000718    , L0000719    , L0000720    ,

             L0000721    , L0000722    , L0000723    , L0000724    , L0000725    ,
L0000726    , L0000727    , L0000728    ,

             L0000729    , L0000730    , L0000731    , L0000732    , L0000733    ,
L0000734    , L0000735    , L0000736    ,

             L0000737    , L0000738    , L0000739    , L0000740    , L0000741    ,
L0000742    , L0000743    , L0000744    ,

             L0000745    , L0000746    , L0000747    , L0000748    , L0000749    ,
L0000750    , L0000751    , L0000752    ,

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L0000758    , L0000759    , L0000760    ,

             L0000761    , L0000762    , L0000763    , L0000764    , L0000765    ,
L0000766    , L0000767    , L0000768    ,

             L0000769    , L0000770    , L0000771    , L0000772    , L0000773    ,
L0000774    , L0000775    , L0000776    ,

             L0000777    , L0000778    , L0000779    , L0000780    , L0000781    ,
L0000782    , L0000783    , L0000784    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000801 , L0000802 , L0000803 , L0000804 , L0000805 ,
L0000806 , L0000807 , L0000808 ,

L0000809 , L0000810 , L0000811 , L0000812 , L0000813 ,
L0000814 , L0000815 , L0000816 ,

L0000817 , L0000818 , L0000819 , L0000820 , L0000821 ,
L0000822 , L0000823 , L0000824 ,

L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,
L0000830 , L0000831 , L0000832 ,

L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,
L0000838 , L0000839 , L0000840 ,

L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,
L0000846 , L0000847 , L0000848 ,

L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 , L0000855 , L0000856 ,

L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 , L0000863 , L0000864 ,

L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 , L0000871 , L0000872 ,

L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,

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L0000878    , L0000879    , L0000880    ,

             L0000881    , L0000882    , L0000883    , L0000884    , L0000885    ,
L0000886    , L0000887    , L0000888    ,

             L0000889    , L0000890    , L0000891    , L0000892    , L0000893    ,
L0000894    , L0000895    , L0000896    ,

             L0000897    , L0000898    , L0000899    , L0000900    , L0000901    ,
L0000902    , L0000903    , L0000904    ,

             L0000905    , L0000906    , L0000907    , L0000908    , L0000909    ,
L0000910    , L0000911    , L0000912    ,

             L0000913    , L0000914    , L0000915    , L0000916    , L0000917    ,
L0000918    , L0000919    , L0000920    ,

             L0000921    , L0000922    , L0000923    , L0000924    , L0000925    ,
L0000926    , L0000927    , L0000928    ,

             L0000929    , L0000930    , L0000931    , L0000932    , L0000933    ,
L0000934    , L0000935    , L0000936    ,

             L0000937    , L0000938    , L0000939    , L0000940    , L0000941    ,
L0000942    , L0000943    , L0000944    ,

             L0000945    , L0000946    , L0000947    , L0000948    , L0000949    ,
L0000950    , L0000951    , L0000952    ,

             L0000953    , L0000954    , L0000955    , L0000956    , L0000957    ,
L0000958    , L0000959    , L0000960    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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             L0000961    , L0000962    , L0000963    , L0000964    , L0000965    ,
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L0000974    , L0000975    , L0000976    ,

             L0000977    , L0000978    , L0000979    , L0000980    , L0000981    ,
L0000982    , L0000983    , L0000984    ,

             L0000985    , L0000986    , L0000987    , L0000988    , L0000989    ,
L0000990    , L0000991    , L0000992    ,

             L0000993    , L0000994    , L0000995    , L0000996    , L0000997    ,
L0000998    , L0000999    , L0001000    ,

             L0001001    , L0001002    , L0001003    , L0001004    , L0001005    ,
L0001006    , L0001007    , L0001008    ,

             L0001009    , L0001010    , L0001011    , L0001012    , L0001013    ,
L0001014    , L0001015    , L0001016    ,

             L0001017    , L0001018    , L0001019    , L0001020    , L0001021    ,
L0001022    , L0001023    , L0001024    ,

             L0001025    , L0001026    , L0001027    , L0001028    , L0001029    ,
L0001030    , L0001031    , L0001032    ,

             L0001033    , L0001034    , L0001035    , L0001036    , L0001037    ,
L0001038    , L0001039    , L0001040    ,

             L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
L0001046    , L0001047    , L0001048    ,

             L0001049    , L0001050    , L0001051    , L0001052    , L0001053    ,
L0001054    , L0001055    , L0001056    ,

             L0001057    , L0001058    , L0001059    , L0001060    , L0001061    ,
L0001062    , L0001063    , L0001064    ,

             L0001065    , L0001066    , L0001067    , L0001068    , L0001069    ,
L0001070    , L0001071    , L0001072    ,

             L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
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             L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
L0001086    , L0001087    , L0001088    ,

             L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
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L0001102    , L0001103    , L0001104    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001121 , L0001122 , L0001123 , L0001124 , L0001125 ,
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L0001129 , L0001130 , L0001131 , L0001132 , L0001133 ,
L0001134 , L0001135 , L0001136 ,

L0001137 , L0001138 , L0001139 , L0001140 , L0001141 ,
L0001142 , L0001143 , L0001144 ,

L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,
L0001150 , L0001151 , L0001152 ,

L0001153 , L0001154 , L0001155 , L0001156 , L0001157 ,
L0001158 , L0001159 , L0001160 ,

L0001161 , L0001162 , L0001163 , L0001164 , L0001165 ,
L0001166 , L0001167 , L0001168 ,

L0001169 , L0001170 , L0001171 , L0001172 , L0001173 ,
L0001174 , L0001175 , L0001176 ,

L0001177 , L0001178 , L0001179 , L0001180 , L0001181 ,
L0001182 , L0001183 , L0001184 ,

L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 ,

L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,

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             L0001201    , L0001202    , L0001203    , L0001204    , L0001205    ,
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L0001214    , L0001215    , L0001216    ,

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L0001222    , L0001223    , L0001224    ,

             L0001225    , L0001226    , L0001227    , L0001228    , L0001229    ,
L0001230    , L0001231    , L0001232    ,

             L0001233    , L0001234    , L0001235    , L0001236    , L0001237    ,
L0001238    , L0001239    , L0001240    ,

             L0001241    , L0001242    , L0001243    , L0001244    , L0001245    ,
L0001246    , L0001247    , L0001248    ,

             L0001249    , L0001250    , L0001251    , L0001252    , L0001253    ,
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L0001262    , L0001263    , L0001264    ,

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L0001270    , L0001271    , L0001272    ,

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L0001278    , L0001279    , L0001280    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


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L0001286    , L0001287    , L0001288    ,
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L0001305 , L0001306 , L0001307 , L0001308 , L0001309 ,
L0001310 , L0001311 , L0001312 ,

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L0001398 , L0001399 , L0001400 ,

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L0001406 , L0001407 , L0001408 ,

L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
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L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,
L0001422 , L0001423 , L0001424 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,

L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,

L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 ,

L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 ,

L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370795.7, 3808683.7, 533.8, 1482.1, 0.0); (370772.5, 3808674.5, 533.1, 1482.1, 0.0);

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     ( 370767.6, 3808645.4,     532.3,    1482.1,       0.0);         ( 370788.8,
3808631.5,     532.8,    1482.1,       0.0);
     ( 370815.6, 3808629.1,     534.3,    1482.1,       0.0);         ( 370726.1,
3808655.9,     533.5,    1482.1,       0.0);
     ( 370744.4, 3808636.1,     533.5,    1482.1,       0.0);         ( 370762.7,
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     ( 370786.7, 3808608.2,     534.4,    1482.1,       0.0);         ( 370813.5,
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     ( 370633.2, 3808618.8,     536.2,    1482.1,       0.0);         ( 370651.5,
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     ( 370669.8, 3808579.3,     539.8,    1482.1,       0.0);         ( 370688.1,
3808559.5,     538.3,    1482.1,       0.0);
     ( 370706.4, 3808539.8,     540.2,    1482.1,       0.0);         ( 370733.7,
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     ( 370760.5, 3808516.9,     547.8,    1482.1,       0.0);         ( 370787.3,
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     ( 370814.1, 3808512.1,     546.6,    1482.1,       0.0);         ( 370841.0,
3808509.7,     545.9,    1482.1,       0.0);
     ( 370540.4, 3808581.7,     537.2,    1482.1,       0.0);         ( 370558.7,
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     ( 370577.0, 3808542.2,     541.3,    1482.1,       0.0);         ( 370595.3,
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     ( 370613.6, 3808502.7,     547.6,    1482.1,       0.0);         ( 370631.9,
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     ( 370743.2, 3808424.7,     538.5,    1482.1,       0.0);         ( 370770.1,
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     ( 370796.9, 3808419.9,     532.2,    1482.1,       0.0);         ( 370823.7,
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     ( 370850.5, 3808415.1,     540.3,    1482.1,       0.0);         ( 370877.3,
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     ( 370447.5, 3808544.6,     536.4,    1482.1,       0.0);         ( 370465.8,
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     ( 370484.1, 3808505.1,     541.0,    1482.1,       0.0);         ( 370502.4,
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     ( 370520.7, 3808465.6,     537.2,    1482.1,       0.0);         ( 370539.0,
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     ( 370557.3, 3808426.1,     529.3,    1482.1,       0.0);         ( 370575.6,
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3808366.8,     528.6,    1482.1,       0.0);
     ( 370630.5, 3808347.1,     530.9,    1482.1,       0.0);         ( 370654.5,
3808338.9,     520.3,    1482.1,       0.0);
     ( 370681.3, 3808336.5,     528.1,    1482.1,       0.0);         ( 370708.1,
3808334.1,     523.6,    1482.1,       0.0);
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     ( 370788.6, 3808326.9,     524.7,    1482.1,       0.0);         ( 370815.4,
3808324.5,     527.8,    1482.1,       0.0);
     ( 370842.2, 3808322.1,     533.1,    1482.1,       0.0);         ( 370869.1,
3808319.8,     537.2,    1482.1,       0.0);
     ( 370895.9, 3808317.4,     540.2,    1482.1,       0.0);         ( 370354.6,
3808507.5,     523.5,    1482.1,       0.0);
     ( 370372.9, 3808487.8,     523.7,    1482.1,       0.0);         ( 370391.2,
3808468.0,     524.7,    1482.1,       0.0);
     ( 370409.5, 3808448.2,     527.2,    1482.1,       0.0);         ( 370427.8,
3808428.5,     526.9,    1482.1,       0.0);
     ( 370446.1, 3808408.7,     520.6,    1482.1,       0.0);         ( 370464.5,
3808389.0,     527.6,    1482.1,       0.0);
     ( 370482.8, 3808369.2,     530.6,    1482.1,       0.0);         ( 370501.0,
3808349.5,     526.3,    1482.1,       0.0);
     ( 370519.3, 3808329.7,     517.1,    1482.1,       0.0);         ( 370537.6,
3808310.0,     516.7,    1482.1,       0.0);
     ( 370556.0, 3808290.2,     517.1,    1482.1,       0.0);         ( 370574.2,
3808270.5,     520.9,    1482.1,       0.0);
     ( 370601.5, 3808249.9,     513.5,    1482.1,       0.0);         ( 370628.3,
3808247.5,     514.2,    1482.1,       0.0);
     ( 370655.1, 3808245.1,     514.5,    1482.1,       0.0);         ( 370682.0,
3808242.8,     514.8,    1482.1,       0.0);
     ( 370708.8, 3808240.4,     515.8,    1482.1,       0.0);         ( 370735.6,
3808238.0,     517.5,    1482.1,       0.0);
     ( 370762.4, 3808235.6,     519.4,    1482.1,       0.0);         ( 370789.2,
3808233.2,     522.2,    1482.1,       0.0);
     ( 370816.1, 3808230.8,     523.1,    1482.1,       0.0);         ( 370842.9,
3808228.4,     528.1,    1482.1,       0.0);
     ( 370869.7, 3808226.0,     531.8,    1482.1,       0.0);         ( 370896.5,
3808223.6,     531.2,    1482.1,       0.0);
     ( 370923.3, 3808221.2,     533.9,    1482.1,       0.0);         ( 370261.8,
3808470.4,     519.4,    1482.1,       0.0);
     ( 370280.1, 3808450.6,     514.9,    1482.1,       0.0);         ( 370298.4,
3808430.9,     508.1,    1482.1,       0.0);
     ( 370316.7, 3808411.1,     507.6,    1482.1,       0.0);         ( 370335.0,
3808391.4,     508.7,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        11:32:39

                                    PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)
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```
     ( 370353.3, 3808371.6,     509.0,    1482.1,       0.0);         ( 370371.6,
3808351.9,     510.8,    1482.1,       0.0);
     ( 370389.9, 3808332.1,     519.8,    1482.1,       0.0);         ( 370408.2,
3808312.4,     525.1,    1482.1,       0.0);
     ( 370426.5, 3808292.6,     522.6,    1482.1,       0.0);         ( 370444.8,
3808272.9,     517.3,    1482.1,       0.0);
     ( 370463.1, 3808253.1,     513.3,    1482.1,       0.0);         ( 370481.4,
3808233.4,     510.7,    1482.1,       0.0);
     ( 370499.7, 3808213.6,     509.9,    1482.1,       0.0);         ( 370518.0,
3808193.9,     509.2,    1482.1,       0.0);
     ( 370536.3, 3808174.1,     509.2,    1482.1,       0.0);         ( 370557.4,
3808160.2,     509.4,    1482.1,       0.0);
     ( 370584.3, 3808157.8,     510.4,    1482.1,       0.0);         ( 370611.1,
3808155.4,     510.9,    1482.1,       0.0);
     ( 370637.9, 3808153.0,     511.7,    1482.1,       0.0);         ( 370664.7,
3808150.6,     512.5,    1482.1,       0.0);
     ( 370691.5, 3808148.2,     514.9,    1482.1,       0.0);         ( 370718.4,
3808145.8,     517.7,    1482.1,       0.0);
     ( 370745.2, 3808143.4,     525.1,    1482.1,       0.0);         ( 370772.0,
3808141.0,     535.7,    1482.1,       0.0);
     ( 370798.8, 3808138.6,     542.7,    1482.1,       0.0);         ( 370825.6,
3808136.2,     545.6,    1482.1,       0.0);
     ( 370852.5, 3808133.8,     544.2,    1482.1,       0.0);         ( 370879.3,
3808131.4,     545.2,    1482.1,       0.0);
     ( 370906.1, 3808129.0,     555.5,    1482.1,       0.0);         ( 370932.9,
3808126.6,     569.5,    1482.1,       0.0);
     ( 370959.7, 3808124.2,     574.1,    1482.1,       0.0);         ( 370784.7,
3808704.5,     532.4,    1482.1,       0.0);
     ( 370779.1, 3808743.4,     531.3,    1482.1,       0.0);         ( 370760.0,
3808700.9,     533.1,    1482.1,       0.0);
     ( 370754.3, 3808739.8,     531.9,    1482.1,       0.0);         ( 370735.2,
3808697.3,     531.5,    1482.1,       0.0);
     ( 370729.6, 3808736.2,     528.3,    1482.1,       0.0);         ( 370713.6,
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     ( 370707.7, 3808713.2,     527.7,    1482.1,       0.0);         ( 370702.0,
3808752.1,     526.5,    1482.1,       0.0);
     ( 370615.6, 3808664.2,     534.9,    1482.1,       0.0);         ( 370608.7,
3808698.8,     531.0,    1482.1,       0.0);
     ( 370603.1, 3808737.8,     528.7,    1482.1,       0.0);         ( 370517.1,
3808648.0,     536.5,    1482.1,       0.0);
     ( 370526.3, 3808613.8,     536.4,    1482.1,       0.0);         ( 370509.8,
3808684.5,     534.6,    1482.1,       0.0);
     ( 370504.1, 3808723.4,     535.6,    1482.1,       0.0);         ( 370418.5,
3808632.5,     533.4,    1482.1,       0.0);
     ( 370428.2, 3808596.1,     530.7,    1482.1,       0.0);         ( 370410.8,
3808670.1,     536.5,    1482.1,       0.0);
     ( 370405.1, 3808709.1,     540.1,    1482.1,       0.0);         ( 370319.7,
3808617.4,     532.9,    1482.1,       0.0);
     ( 370329.9, 3808579.4,     529.5,    1482.1,       0.0);         ( 370340.1,
3808541.5,     528.3,    1482.1,       0.0);
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     ( 370311.8, 3808655.8,     530.4,    1482.1,       0.0);         ( 370306.2,
3808694.7,     527.7,    1482.1,       0.0);
     ( 370220.2, 3808604.9,     516.8,    1482.1,       0.0);         ( 370229.4,
3808570.8,     515.6,    1482.1,       0.0);
     ( 370238.6, 3808536.6,     517.9,    1482.1,       0.0);         ( 370247.7,
3808502.5,     521.0,    1482.1,       0.0);
     ( 370212.8, 3808641.5,     517.6,    1482.1,       0.0);         ( 370207.2,
3808680.4,     518.6,    1482.1,       0.0);
     ( 370771.8, 3808772.6,     530.6,    1482.1,       0.0);         ( 370748.5,
3808763.5,     530.3,    1482.1,       0.0);
     ( 370719.3, 3808769.7,     527.3,    1482.1,       0.0);         ( 370768.9,
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     ( 370793.5, 3808845.4,     525.2,    1482.1,       0.0);         ( 370744.1,
3808814.8,     523.9,    1482.1,       0.0);
     ( 370741.1, 3808791.0,     527.8,    1482.1,       0.0);         ( 370761.0,
3808843.2,     521.5,    1482.1,       0.0);
     ( 370721.6, 3808823.7,     517.5,    1482.1,       0.0);         ( 370740.7,
3808857.8,     513.5,    1482.1,       0.0);
     ( 370702.1, 3808840.3,     510.5,    1482.1,       0.0);         ( 370692.0,
3808793.3,     523.8,    1482.1,       0.0);
     ( 370720.5, 3808872.5,     510.1,    1482.1,       0.0);         ( 370620.0,
3808895.9,     507.4,    1482.1,       0.0);
     ( 370605.4, 3808859.2,     512.8,    1482.1,       0.0);         ( 370593.2,
3808802.8,     525.7,    1482.1,       0.0);
     ( 370598.0, 3808763.6,     527.0,    1482.1,       0.0);         ( 370639.5,
3808931.2,     506.7,    1482.1,       0.0);
     ( 370539.5, 3808955.8,     519.0,    1482.1,       0.0);         ( 370525.8,
3808921.3,     522.2,    1482.1,       0.0);
     ( 370512.1, 3808886.9,     519.3,    1482.1,       0.0);         ( 370498.5,
3808852.5,     515.8,    1482.1,       0.0);
     ( 370493.9, 3808816.9,     519.2,    1482.1,       0.0);         ( 370498.3,
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     ( 370558.6, 3808989.9,     509.7,    1482.1,       0.0);         ( 370458.0,
3809013.3,     506.8,    1482.1,       0.0);
     ( 370443.5, 3808976.6,     506.4,    1482.1,       0.0);         ( 370428.9,
3808939.9,     513.5,    1482.1,       0.0);
     ( 370414.3, 3808903.1,     520.5,    1482.1,       0.0);         ( 370399.7,
3808866.4,     526.1,    1482.1,       0.0);
     ( 370394.8, 3808828.4,     525.0,    1482.1,       0.0);         ( 370399.6,
3808789.2,     532.2,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

(370404.4, 3808749.9, 536.4, 1482.1, 0.0); (370477.6, 3809048.6, 509.5, 1482.1, 0.0);
(370376.8, 3809071.3, 503.4, 1482.1, 0.0); (370361.6, 3809033.0, 505.6, 1482.1, 0.0);
(370346.4, 3808994.8, 514.3, 1482.1, 0.0); (370331.2, 3808956.5, 516.2, 1482.1, 0.0);
(370316.0, 3808918.2, 525.9, 1482.1, 0.0); (370300.9, 3808879.9, 534.4, 1482.1, 0.0);
(370295.8, 3808840.4, 537.2, 1482.1, 0.0); (370300.7, 3808799.5, 539.4, 1482.1, 0.0);
(370305.7, 3808758.6, 531.5, 1482.1, 0.0); (370310.7, 3808717.8, 526.4, 1482.1, 0.0);
(370396.7, 3809107.3, 503.2, 1482.1, 0.0); (370296.1, 3809130.8, 503.2, 1482.1, 0.0);
(370281.6, 3809094.0, 505.4, 1482.1, 0.0); (370267.0, 3809057.3, 518.3, 1482.1, 0.0);
(370252.4, 3809020.5, 516.8, 1482.1, 0.0); (370237.8, 3808983.8, 522.4, 1482.1, 0.0);
(370223.2, 3808947.1, 522.1, 1482.1, 0.0); (370208.7, 3808910.3, 521.0, 1482.1, 0.0);
(370196.5, 3808854.0, 519.4, 1482.1, 0.0); (370201.3, 3808814.8, 524.2, 1482.1, 0.0);
(370206.0, 3808775.5, 520.6, 1482.1, 0.0); (370210.8, 3808736.3, 520.4, 1482.1, 0.0);
(370315.7, 3809166.0, 498.8, 1482.1, 0.0); (370621.8, 3808774.3, 525.1, 1482.1, 0.0);
(370525.9, 3808746.1, 531.3, 1482.1, 0.0); (370429.9, 3808717.9, 533.9, 1482.1, 0.0);
(370334.0, 3808689.7, 531.7, 1482.1, 0.0); (370238.1, 3808661.5, 520.7, 1482.1, 0.0);
(370782.0, 3808878.9, 523.0, 1482.1, 0.0); (370757.1, 3808877.1, 519.4, 1482.1, 0.0);
(370612.5, 3808816.8, 521.5, 1482.1, 0.0); (370316.2, 3808779.4, 538.4, 1482.1, 0.0);
(370228.1, 3808707.5, 521.5, 1482.1, 0.0); (370773.1, 3808925.1, 516.5, 1482.1, 0.0);
(370748.5, 3808920.4, 515.8, 1482.1, 0.0); (370723.9, 3808915.8, 513.4, 1482.1, 0.0);
(370699.4, 3808911.1, 509.1, 1482.1, 0.0); (370772.5, 3808952.9, 512.3, 1482.1, 0.0);
(370772.3, 3808976.2, 510.6, 1482.1, 0.0); (370772.1, 3808999.6, 509.6, 1482.1, 0.0);
(370771.9, 3809023.0, 508.7, 1482.1, 0.0); (370771.8, 3809046.3, 508.0, 1482.1, 0.0);
(370771.6, 3809069.7, 507.5, 1482.1, 0.0); (370771.4, 3809093.0, 507.0, 1482.1, 0.0);
(370771.3, 3809116.4, 506.6, 1482.1, 0.0); (370771.1, 3809139.7, 507.1, 1482.1, 0.0);

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     ( 370770.9, 3809163.1,     507.8,    1482.1,       0.0);         ( 370747.5,
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     ( 370747.3, 3808976.1,     509.9,    1482.1,       0.0);         ( 370747.1,
3808999.4,     509.2,    1482.1,       0.0);
     ( 370747.0, 3809022.8,     508.5,    1482.1,       0.0);         ( 370746.8,
3809046.1,     507.8,    1482.1,       0.0);
     ( 370746.6, 3809069.5,     507.3,    1482.1,       0.0);         ( 370746.4,
3809092.8,     506.8,    1482.1,       0.0);
     ( 370746.3, 3809116.2,     506.2,    1482.1,       0.0);         ( 370746.1,
3809139.5,     505.9,    1482.1,       0.0);
     ( 370745.9, 3809162.9,     505.7,    1482.1,       0.0);         ( 370722.5,
3808952.5,     510.7,    1482.1,       0.0);
     ( 370722.3, 3808975.9,     509.3,    1482.1,       0.0);         ( 370722.1,
3808999.2,     509.0,    1482.1,       0.0);
     ( 370722.0, 3809022.6,     508.6,    1482.1,       0.0);         ( 370721.8,
3809045.9,     507.9,    1482.1,       0.0);
     ( 370721.6, 3809069.3,     507.2,    1482.1,       0.0);         ( 370721.4,
3809092.6,     506.5,    1482.1,       0.0);
     ( 370721.3, 3809116.0,     505.9,    1482.1,       0.0);         ( 370721.1,
3809139.4,     505.3,    1482.1,       0.0);
     ( 370720.9, 3809162.7,     505.0,    1482.1,       0.0);         ( 370697.5,
3808952.4,     508.8,    1482.1,       0.0);
     ( 370697.3, 3808975.7,     508.2,    1482.1,       0.0);         ( 370697.1,
3808999.1,     508.2,    1482.1,       0.0);
     ( 370697.0, 3809022.4,     507.9,    1482.1,       0.0);         ( 370696.8,
3809045.8,     507.5,    1482.1,       0.0);
     ( 370696.6, 3809069.1,     506.9,    1482.1,       0.0);         ( 370696.4,
3809092.5,     506.4,    1482.1,       0.0);
     ( 370696.3, 3809115.8,     506.2,    1482.1,       0.0);         ( 370696.1,
3809139.2,     505.1,    1482.1,       0.0);
     ( 370695.9, 3809162.5,     504.6,    1482.1,       0.0);         ( 370599.4,
3808910.4,     508.4,    1482.1,       0.0);
     ( 370597.5, 3808951.6,     506.4,    1482.1,       0.0);         ( 370597.3,
3808975.0,     506.0,    1482.1,       0.0);
     ( 370597.1, 3808998.3,     505.6,    1482.1,       0.0);         ( 370597.0,
3809021.7,     505.2,    1482.1,       0.0);
     ( 370596.8, 3809045.0,     505.0,    1482.1,       0.0);         ( 370596.6,
3809068.4,     504.6,    1482.1,       0.0);
     ( 370596.4, 3809091.8,     504.3,    1482.1,       0.0);         ( 370596.3,
3809115.1,     503.9,    1482.1,       0.0);
     ( 370596.1, 3809138.4,     503.4,    1482.1,       0.0);         ( 370595.9,
3809161.8,     503.0,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        11:32:39

                                   PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370499.4, 3808909.6, 520.4, 1482.1, 0.0); (370497.5, 3808950.9, 514.4, 1482.1, 0.0);
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(370497.0, 3809021.0, 508.9, 1482.1, 0.0); (370496.6, 3809067.7, 507.6, 1482.1, 0.0);
(370496.4, 3809091.0, 507.4, 1482.1, 0.0); (370496.3, 3809114.4, 507.5, 1482.1, 0.0);
(370496.1, 3809137.7, 504.6, 1482.1, 0.0); (370495.9, 3809161.1, 502.7, 1482.1, 0.0);
(370397.6, 3808926.8, 524.5, 1482.1, 0.0); (370397.5, 3808950.2, 517.7, 1482.1, 0.0);
(370397.3, 3808973.5, 510.1, 1482.1, 0.0); (370397.1, 3808996.9, 506.9, 1482.1, 0.0);
(370397.0, 3809020.2, 505.3, 1482.1, 0.0); (370396.8, 3809043.6, 504.1, 1482.1, 0.0);
(370396.1, 3809137.0, 506.7, 1482.1, 0.0); (370395.9, 3809160.4, 511.0, 1482.1, 0.0);
(370297.5, 3808949.5, 527.4, 1482.1, 0.0); (370297.3, 3808972.8, 526.9, 1482.1, 0.0);
(370297.1, 3808996.2, 527.7, 1482.1, 0.0); (370297.0, 3809019.5, 519.6, 1482.1, 0.0);
(370296.8, 3809042.9, 514.2, 1482.1, 0.0); (370296.6, 3809066.2, 510.3, 1482.1, 0.0);
(370201.8, 3808882.4, 518.7, 1482.1, 0.0); (370197.5, 3808948.7, 517.2, 1482.1, 0.0);
(370197.3, 3808972.1, 517.6, 1482.1, 0.0); (370197.1, 3808995.4, 512.1, 1482.1, 0.0);
(370197.0, 3809018.8, 506.0, 1482.1, 0.0); (370196.8, 3809042.1, 507.4, 1482.1, 0.0);
(370196.6, 3809065.5, 512.7, 1482.1, 0.0); (370196.5, 3809088.8, 506.4, 1482.1, 0.0);
(370196.3, 3809112.2, 506.4, 1482.1, 0.0); (370196.1, 3809135.6, 507.2, 1482.1, 0.0);
(370196.0, 3809158.9, 507.5, 1482.1, 0.0); (370770.9, 3809206.2, 507.7, 1482.1, 0.0);
(370770.9, 3809249.2, 505.4, 1482.1, 0.0); (370745.9, 3809206.2, 505.1, 1482.1, 0.0);
(370745.9, 3809249.2, 504.2, 1482.1, 0.0); (370720.9, 3809206.2, 504.5, 1482.1, 0.0);
(370720.9, 3809249.2, 503.1, 1482.1, 0.0); (370695.9, 3809206.2, 504.1, 1482.1, 0.0);
(370695.9, 3809249.2, 502.5, 1482.1, 0.0); (370595.9, 3809184.7, 502.7, 1482.1, 0.0);
(370595.9, 3809227.7, 502.1, 1482.1, 0.0); (370595.9, 3809270.7, 501.0, 1482.1, 0.0);

```
     ( 370495.9, 3809184.7,     503.2,    1482.1,       0.0);         ( 370495.9,
3809227.7,     505.8,    1482.1,       0.0);
     ( 370495.9, 3809270.7,     508.1,    1482.1,       0.0);         ( 370395.9,
3809184.7,     514.9,    1482.1,       0.0);
     ( 370395.9, 3809227.7,     506.7,    1482.1,       0.0);         ( 370395.9,
3809270.7,     501.1,    1482.1,       0.0);
     ( 370295.9, 3809184.7,     498.2,    1482.1,       0.0);         ( 370295.9,
3809227.7,     496.5,    1482.1,       0.0);
     ( 370295.9, 3809270.7,     495.5,    1482.1,       0.0);         ( 370195.9,
3809184.7,     505.5,    1482.1,       0.0);
     ( 370195.9, 3809227.7,     499.3,    1482.1,       0.0);         ( 370195.9,
3809270.7,     492.9,    1482.1,       0.0);
     ( 370795.6, 3809245.7,     506.0,    1482.1,       0.0);         ( 370795.2,
3809220.7,     508.0,    1482.1,       0.0);
     ( 370794.8, 3809195.7,     508.8,    1482.1,       0.0);         ( 370794.5,
3809170.7,     508.6,    1482.1,       0.0);
     ( 370712.0, 3809285.8,     500.9,    1482.1,       0.0);         ( 370687.2,
3809282.2,     500.8,    1482.1,       0.0);
     ( 370673.2, 3809245.7,     502.3,    1482.1,       0.0);         ( 370662.5,
3809278.7,     500.5,    1482.1,       0.0);
     ( 370648.5, 3809242.2,     502.4,    1482.1,       0.0);         ( 370664.9,
3809211.7,     503.4,    1482.1,       0.0);
     ( 370705.5, 3809184.0,     504.5,    1482.1,       0.0);         ( 370637.7,
3809275.2,     500.1,    1482.1,       0.0);
     ( 370549.5, 3809228.0,     501.9,    1482.1,       0.0);         ( 370565.9,
3809197.6,     502.3,    1482.1,       0.0);
     ( 370623.2, 3809115.2,     504.4,    1482.1,       0.0);         ( 370655.5,
3809102.7,     505.2,    1482.1,       0.0);
     ( 370538.7, 3809261.0,     501.4,    1482.1,       0.0);         ( 370450.5,
3809213.9,     512.0,    1482.1,       0.0);
     ( 370467.0, 3809183.4,     505.5,    1482.1,       0.0);         ( 370524.6,
3809076.8,     503.8,    1482.1,       0.0);
     ( 370557.2, 3809040.1,     504.8,    1482.1,       0.0);         ( 370621.8,
3809015.2,     505.8,    1482.1,       0.0);
     ( 370654.0, 3809002.7,     507.1,    1482.1,       0.0);         ( 370439.7,
3809246.9,     502.4,    1482.1,       0.0);
     ( 370351.5, 3809199.7,     504.2,    1482.1,       0.0);         ( 370368.0,
3809169.3,     504.7,    1482.1,       0.0);
     ( 370417.3, 3809077.9,     503.3,    1482.1,       0.0);         ( 370433.8,
3809047.4,     503.7,    1482.1,       0.0);
     ( 370466.7, 3808986.5,     507.3,    1482.1,       0.0);         ( 370571.8,
3808933.9,     510.7,    1482.1,       0.0);
     ( 370652.6, 3808902.8,     507.1,    1482.1,       0.0);         ( 370684.9,
3808890.3,     507.8,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370340.7, 3809232.7, 501.5, 1482.1, 0.0); (370252.5, 3809185.6, 500.6, 1482.1, 0.0);
(370269.0, 3809155.1, 502.7, 1482.1, 0.0); (370326.6, 3809048.5, 507.6, 1482.1, 0.0);
(370343.0, 3809018.1, 510.9, 1482.1, 0.0); (370367.7, 3808972.4, 511.9, 1482.1, 0.0);
(370441.2, 3808883.8, 513.4, 1482.1, 0.0); (370473.5, 3808871.3, 513.5, 1482.1, 0.0);
(370521.9, 3808852.6, 520.0, 1482.1, 0.0); (370554.2, 3808840.2, 529.2, 1482.1, 0.0);
(370586.5, 3808827.7, 523.2, 1482.1, 0.0); (370634.9, 3808809.0, 524.9, 1482.1, 0.0);
(370667.2, 3808796.5, 523.9, 1482.1, 0.0); (370241.7, 3809218.6, 504.7, 1482.1, 0.0);
(370153.5, 3809171.4, 495.5, 1482.1, 0.0); (370170.0, 3809141.0, 499.4, 1482.1, 0.0);
(370219.3, 3809049.6, 513.5, 1482.1, 0.0); (370260.5, 3808973.5, 525.8, 1482.1, 0.0);
(370285.2, 3808927.8, 528.9, 1482.1, 0.0); (370326.3, 3808851.6, 537.3, 1482.1, 0.0);
(370358.9, 3808814.9, 531.5, 1482.1, 0.0); (370423.5, 3808790.0, 532.7, 1482.1, 0.0);
(370455.8, 3808777.6, 530.7, 1482.1, 0.0); (370552.7, 3808740.2, 530.5, 1482.1, 0.0);
(370633.5, 3808709.0, 528.7, 1482.1, 0.0); (370665.8, 3808696.5, 530.6, 1482.1, 0.0);
(370142.7, 3809204.4, 494.1, 1482.1, 0.0); (370715.8, 3809324.1, 502.4, 1482.1, 0.0);
(370732.3, 3809341.9, 503.0, 1482.1, 0.0); (370748.8, 3809359.6, 502.8, 1482.1, 0.0);
(370691.1, 3809320.6, 501.7, 1482.1, 0.0); (370714.0, 3809358.9, 502.4, 1482.1, 0.0);
(370730.5, 3809376.6, 502.2, 1482.1, 0.0); (370672.8, 3809337.6, 501.7, 1482.1, 0.0);
(370695.7, 3809375.9, 501.7, 1482.1, 0.0); (370712.2, 3809393.7, 501.7, 1482.1, 0.0);
(370654.5, 3809354.6, 501.0, 1482.1, 0.0); (370641.6, 3809313.5, 500.2, 1482.1, 0.0);
(370677.4, 3809392.9, 501.0, 1482.1, 0.0); (370693.9, 3809410.7, 500.9, 1482.1, 0.0);
(370581.2, 3809422.6, 497.9, 1482.1, 0.0); (370568.3, 3809381.5, 497.5, 1482.1, 0.0);
(370555.5, 3809340.4, 499.2, 1482.1, 0.0); (370542.6, 3809299.3, 499.7, 1482.1, 0.0);

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     ( 370604.1, 3809460.9,     498.1,    1482.1,       0.0);         ( 370507.3,
3809488.8,     495.9,    1482.1,       0.0);
     ( 370500.3, 3809466.4,     496.1,    1482.1,       0.0);         ( 370493.3,
3809444.0,     496.1,    1482.1,       0.0);
     ( 370486.3, 3809421.5,     496.3,    1482.1,       0.0);         ( 370479.2,
3809399.1,     496.7,    1482.1,       0.0);
     ( 370472.2, 3809376.7,     496.9,    1482.1,       0.0);         ( 370465.2,
3809354.3,     496.8,    1482.1,       0.0);
     ( 370458.2, 3809331.9,     496.6,    1482.1,       0.0);         ( 370451.2,
3809309.5,     496.8,    1482.1,       0.0);
     ( 370444.2, 3809287.1,     498.7,    1482.1,       0.0);         ( 370514.3,
3809511.2,     495.8,    1482.1,       0.0);
     ( 370530.8, 3809529.0,     496.2,    1482.1,       0.0);         ( 370434.2,
3809557.3,     494.8,    1482.1,       0.0);
     ( 370427.3, 3809535.4,     494.0,    1482.1,       0.0);         ( 370420.5,
3809513.5,     493.9,    1482.1,       0.0);
     ( 370413.6, 3809491.6,     493.1,    1482.1,       0.0);         ( 370406.8,
3809469.7,     494.0,    1482.1,       0.0);
     ( 370399.9, 3809447.8,     494.5,    1482.1,       0.0);         ( 370393.0,
3809425.8,     494.7,    1482.1,       0.0);
     ( 370386.2, 3809403.9,     495.0,    1482.1,       0.0);         ( 370379.3,
3809382.0,     496.5,    1482.1,       0.0);
     ( 370372.5, 3809360.1,     500.7,    1482.1,       0.0);         ( 370365.6,
3809338.2,     504.1,    1482.1,       0.0);
     ( 370358.8, 3809316.2,     505.9,    1482.1,       0.0);         ( 370351.9,
3809294.3,     506.3,    1482.1,       0.0);
     ( 370345.0, 3809272.4,     505.9,    1482.1,       0.0);         ( 370441.0,
3809579.3,     499.4,    1482.1,       0.0);
     ( 370360.6, 3809624.5,     491.8,    1482.1,       0.0);         ( 370353.5,
3809601.6,     491.6,    1482.1,       0.0);
     ( 370346.3, 3809578.8,     491.7,    1482.1,       0.0);         ( 370339.2,
3809556.0,     491.1,    1482.1,       0.0);
     ( 370332.0, 3809533.1,     491.9,    1482.1,       0.0);         ( 370324.9,
3809510.3,     492.5,    1482.1,       0.0);
     ( 370317.8, 3809487.5,     492.8,    1482.1,       0.0);         ( 370310.6,
3809464.7,     493.7,    1482.1,       0.0);
     ( 370303.5, 3809441.8,     497.8,    1482.1,       0.0);         ( 370296.3,
3809419.0,     502.9,    1482.1,       0.0);
     ( 370289.2, 3809396.2,     508.5,    1482.1,       0.0);         ( 370282.0,
3809373.3,     507.8,    1482.1,       0.0);
     ( 370274.9, 3809350.5,     503.3,    1482.1,       0.0);         ( 370267.8,
3809327.7,     497.3,    1482.1,       0.0);
     ( 370260.6, 3809304.8,     493.5,    1482.1,       0.0);         ( 370253.5,
3809282.0,     494.2,    1482.1,       0.0);
     ( 370246.3, 3809259.2,     495.4,    1482.1,       0.0);         ( 370367.8,
3809647.3,     492.5,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370384.3, 3809665.1, 491.4, 1482.1, 0.0); (370400.8, 3809682.8, 491.2, 1482.1, 0.0);
(370287.5, 3809692.9, 489.2, 1482.1, 0.0); (370280.5, 3809670.5, 489.3, 1482.1, 0.0);
(370273.4, 3809648.1, 489.6, 1482.1, 0.0); (370266.4, 3809625.7, 489.8, 1482.1, 0.0);
(370259.4, 3809603.3, 490.2, 1482.1, 0.0); (370252.4, 3809580.8, 490.8, 1482.1, 0.0);
(370245.4, 3809558.4, 492.9, 1482.1, 0.0); (370238.4, 3809536.0, 496.5, 1482.1, 0.0);
(370231.4, 3809513.6, 501.0, 1482.1, 0.0); (370224.3, 3809491.2, 502.5, 1482.1, 0.0);
(370217.3, 3809468.8, 498.0, 1482.1, 0.0); (370210.3, 3809446.3, 498.6, 1482.1, 0.0);
(370203.3, 3809423.9, 502.4, 1482.1, 0.0); (370196.3, 3809401.5, 499.2, 1482.1, 0.0);
(370189.3, 3809379.1, 492.9, 1482.1, 0.0); (370182.3, 3809356.7, 490.4, 1482.1, 0.0);
(370175.3, 3809334.3, 490.8, 1482.1, 0.0); (370168.2, 3809311.9, 490.9, 1482.1, 0.0);
(370161.2, 3809289.4, 491.0, 1482.1, 0.0); (370154.2, 3809267.0, 491.5, 1482.1, 0.0);
(370147.2, 3809244.6, 492.4, 1482.1, 0.0); (370294.5, 3809715.3, 489.0, 1482.1, 0.0);
(370311.0, 3809733.1, 488.9, 1482.1, 0.0); (370327.5, 3809750.9, 489.4, 1482.1, 0.0);
(370741.3, 3809400.6, 501.6, 1482.1, 0.0); (370266.4, 3809393.8, 511.3, 1482.1, 0.0);
(370166.7, 3809372.9, 490.1, 1482.1, 0.0); (370572.0, 3809171.5, 502.5, 1482.1, 0.0);
(370538.1, 3809196.3, 502.2, 1482.1, 0.0); (370436.8, 3809022.6, 504.9, 1482.1, 0.0);
(370864.1, 3809066.9, 512.8, 1482.1, 0.0); (370901.3, 3808974.0, 515.8, 1482.1, 0.0);
(370938.4, 3808881.2, 520.8, 1482.1, 0.0); (370666.4, 3809421.4, 500.1, 1482.1, 0.0);
(370646.9, 3809432.9, 499.4, 1482.1, 0.0); (370627.3, 3809444.4, 498.8, 1482.1, 0.0);
(370568.7, 3809479.0, 497.1, 1482.1, 0.0); (370549.1, 3809490.5, 496.5, 1482.1, 0.0);
(370490.5, 3809525.0, 497.4, 1482.1, 0.0); (370653.7, 3809399.9, 500.2, 1482.1, 0.0);

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     ( 370634.2, 3809411.4,     499.6,    1482.1,       0.0);         ( 370614.6,
3809422.9,     499.1,    1482.1,       0.0);
     ( 370575.5, 3809445.9,     497.6,    1482.1,       0.0);         ( 370556.0,
3809457.4,     497.2,    1482.1,       0.0);
     ( 370536.5, 3809468.9,     496.7,    1482.1,       0.0);         ( 370477.8,
3809503.4,     495.6,    1482.1,       0.0);
     ( 370676.8, 3809361.8,     501.3,    1482.1,       0.0);         ( 370641.0,
3809378.3,     500.3,    1482.1,       0.0);
     ( 370621.5, 3809389.8,     499.6,    1482.1,       0.0);         ( 370601.9,
3809401.4,     498.8,    1482.1,       0.0);
     ( 370543.3, 3809435.9,     496.6,    1482.1,       0.0);         ( 370523.8,
3809447.4,     496.4,    1482.1,       0.0);
     ( 370465.1, 3809481.9,     495.1,    1482.1,       0.0);         ( 370628.3,
3809356.8,     500.3,    1482.1,       0.0);
     ( 370608.8, 3809368.3,     499.2,    1482.1,       0.0);         ( 370550.2,
3809402.8,     497.2,    1482.1,       0.0);
     ( 370530.6, 3809414.3,     496.5,    1482.1,       0.0);         ( 370511.1,
3809425.8,     495.6,    1482.1,       0.0);
     ( 370452.5, 3809460.4,     494.2,    1482.1,       0.0);         ( 370618.7,
3809252.3,     501.6,    1482.1,       0.0);
     ( 370558.1, 3809282.1,     500.5,    1482.1,       0.0);         ( 370519.0,
3809305.1,     504.5,    1482.1,       0.0);
     ( 370499.4, 3809316.7,     503.6,    1482.1,       0.0);         ( 370440.8,
3809351.2,     496.1,    1482.1,       0.0);
     ( 370421.3, 3809362.7,     495.7,    1482.1,       0.0);         ( 370401.7,
3809374.2,     495.4,    1482.1,       0.0);
     ( 370632.8, 3809145.9,     503.8,    1482.1,       0.0);         ( 370654.3,
3809139.1,     504.2,    1482.1,       0.0);
     ( 370546.4, 3809172.9,     502.3,    1482.1,       0.0);         ( 370370.5,
3809276.5,     507.1,    1482.1,       0.0);
     ( 370560.4, 3809066.5,     504.6,    1482.1,       0.0);         ( 370625.2,
3809046.2,     505.7,    1482.1,       0.0);
     ( 370646.8, 3809039.4,     506.3,    1482.1,       0.0);         ( 370456.6,
3809109.8,     506.2,    1482.1,       0.0);
     ( 370437.1, 3809121.3,     510.9,    1482.1,       0.0);         ( 370339.3,
3809178.8,     499.4,    1482.1,       0.0);
     ( 370319.8, 3809190.3,     498.0,    1482.1,       0.0);         ( 370574.5,
3808960.0,     510.0,    1482.1,       0.0);
     ( 370794.9, 3808953.5,     514.2,    1482.1,       0.0);         ( 370862.0,
3808963.8,     514.4,    1482.1,       0.0);
     ( 370347.2, 3809058.1,     505.4,    1482.1,       0.0);         ( 370249.5,
3809115.7,     518.2,    1482.1,       0.0);
     ( 370545.3, 3808867.0,     526.7,    1482.1,       0.0);         ( 370566.9,
3808860.3,     527.3,    1482.1,       0.0);
     ( 370631.6, 3808840.0,     515.7,    1482.1,       0.0);         ( 370675.6,
3808836.6,     512.6,    1482.1,       0.0);
     ( 370899.2, 3808871.0,     522.9,    1482.1,       0.0);         ( 370374.7,
3808925.9,     526.3,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370355.1, 3808937.4, 521.8, 1482.1, 0.0); (370471.1, 3809541.1, 499.9, 1482.1, 0.0);
(370454.9, 3809522.0, 495.2, 1482.1, 0.0); (370407.3, 3809562.6, 493.1, 1482.1, 0.0);
(370391.0, 3809543.6, 492.9, 1482.1, 0.0); (370390.7, 3809511.1, 492.9, 1482.1, 0.0);
(370357.5, 3809407.9, 494.4, 1482.1, 0.0); (370325.8, 3809435.0, 495.3, 1482.1, 0.0);
(370322.6, 3809308.2, 499.5, 1482.1, 0.0); (370292.6, 3809331.9, 502.1, 1482.1, 0.0);
(370245.0, 3809372.5, 503.4, 1482.1, 0.0); (370271.9, 3809222.0, 498.1, 1482.1, 0.0);
(370221.2, 3809135.9, 510.5, 1482.1, 0.0); (370115.2, 3809220.3, 493.4, 1482.1, 0.0);
(370127.9, 3809080.0, 497.7, 1482.1, 0.0); (370156.2, 3809059.8, 499.7, 1482.1, 0.0);
(370097.8, 3809103.7, 500.6, 1482.1, 0.0); (370066.1, 3809130.7, 497.6, 1482.1, 0.0);
(370417.8, 3809588.6, 494.2, 1482.1, 0.0); (370404.3, 3809613.1, 494.4, 1482.1, 0.0);
(370389.2, 3809588.8, 492.6, 1482.1, 0.0); (370374.0, 3809564.5, 492.7, 1482.1, 0.0);
(370359.7, 3809543.1, 492.7, 1482.1, 0.0); (370272.2, 3809494.8, 493.2, 1482.1, 0.0);
(370287.2, 3809476.3, 495.9, 1482.1, 0.0); (370257.8, 3809516.3, 493.5, 1482.1, 0.0);
(370185.5, 3809445.3, 493.4, 1482.1, 0.0); (370219.5, 3809403.7, 509.6, 1482.1, 0.0);
(370170.3, 3809468.0, 488.7, 1482.1, 0.0); (370097.7, 3809397.4, 487.9, 1482.1, 0.0);
(370114.2, 3809377.2, 488.3, 1482.1, 0.0); (370130.7, 3809357.0, 489.1, 1482.1, 0.0);
(370147.1, 3809336.8, 490.0, 1482.1, 0.0); (370082.7, 3809419.7, 487.3, 1482.1, 0.0);
(370010.6, 3809348.5, 490.5, 1482.1, 0.0); (370028.1, 3809327.1, 490.5, 1482.1, 0.0);
(370045.5, 3809305.8, 494.6, 1482.1, 0.0); (370062.9, 3809284.4, 499.2, 1482.1, 0.0);
(370080.3, 3809263.0, 500.2, 1482.1, 0.0); (370097.8, 3809241.7, 495.9, 1482.1, 0.0);

```
     ( 369995.2, 3809371.4,     493.0,    1482.1,       0.0);         ( 369922.9,
3809300.4,     495.2,    1482.1,       0.0);
     ( 369939.9, 3809279.6,     504.7,    1482.1,       0.0);         ( 369956.8,
3809258.8,     511.2,    1482.1,       0.0);
     ( 369973.8, 3809238.0,     508.9,    1482.1,       0.0);         ( 369990.8,
3809217.1,     516.4,    1482.1,       0.0);
     ( 370007.8, 3809196.3,     519.5,    1482.1,       0.0);         ( 370024.8,
3809175.5,     505.5,    1482.1,       0.0);
     ( 370041.8, 3809154.7,     499.2,    1482.1,       0.0);         ( 369907.6,
3809323.1,     493.4,    1482.1,       0.0);
     ( 370401.2, 3809644.3,     496.0,    1482.1,       0.0);         ( 370376.2,
3809701.4,     490.2,    1482.1,       0.0);
     ( 370351.2, 3809663.3,     490.8,    1482.1,       0.0);         ( 370351.2,
3809701.4,     490.0,    1482.1,       0.0);
     ( 370330.3, 3809609.1,     491.0,    1482.1,       0.0);         ( 370326.2,
3809644.3,     490.6,    1482.1,       0.0);
     ( 370326.2, 3809682.3,     489.8,    1482.1,       0.0);         ( 370230.3,
3809609.1,     490.0,    1482.1,       0.0);
     ( 370226.2, 3809644.3,     489.0,    1482.1,       0.0);         ( 370226.2,
3809682.3,     488.3,    1482.1,       0.0);
     ( 370130.8, 3809607.1,     486.9,    1482.1,       0.0);         ( 370140.2,
3809570.9,     487.9,    1482.1,       0.0);
     ( 370149.5, 3809534.6,     490.2,    1482.1,       0.0);         ( 370158.8,
3809498.4,     489.2,    1482.1,       0.0);
     ( 370126.2, 3809644.3,     486.7,    1482.1,       0.0);         ( 370126.2,
3809682.3,     486.8,    1482.1,       0.0);
     ( 370030.7, 3809607.7,     485.6,    1482.1,       0.0);         ( 370039.8,
3809572.5,     487.2,    1482.1,       0.0);
     ( 370048.8, 3809537.4,     487.7,    1482.1,       0.0);         ( 370057.8,
3809502.3,     487.0,    1482.1,       0.0);
     ( 370066.9, 3809467.1,     487.2,    1482.1,       0.0);         ( 370026.2,
3809644.3,     484.3,    1482.1,       0.0);
     ( 370026.2, 3809682.3,     484.3,    1482.1,       0.0);         ( 369930.6,
3809608.0,     482.4,    1482.1,       0.0);
     ( 369939.5, 3809573.5,     483.0,    1482.1,       0.0);         ( 369948.4,
3809539.0,     483.6,    1482.1,       0.0);
     ( 369957.3, 3809504.5,     484.0,    1482.1,       0.0);         ( 369966.2,
3809469.9,     484.3,    1482.1,       0.0);
     ( 369975.1, 3809435.4,     486.6,    1482.1,       0.0);         ( 369984.0,
3809400.9,     491.7,    1482.1,       0.0);
     ( 369926.2, 3809644.3,     482.3,    1482.1,       0.0);         ( 369926.2,
3809682.3,     482.2,    1482.1,       0.0);
     ( 369830.8, 3809607.1,     483.9,    1482.1,       0.0);         ( 369840.2,
3809570.9,     484.1,    1482.1,       0.0);
     ( 369849.5, 3809534.6,     485.7,    1482.1,       0.0);         ( 369858.8,
3809498.4,     486.9,    1482.1,       0.0);
     ( 369868.2, 3809462.2,     486.8,    1482.1,       0.0);         ( 369877.5,
3809425.9,     486.9,    1482.1,       0.0);
     ( 369886.8, 3809389.7,     488.6,    1482.1,       0.0);         ( 369896.2,
3809353.5,     491.0,    1482.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369826.2, 3809644.3, 489.7, 1482.1, 0.0); (369826.2, 3809682.3, 491.9, 1482.1, 0.0);
(370416.5, 3809664.6, 495.2, 1482.1, 0.0); (370270.0, 3809550.8, 491.2, 1482.1, 0.0);
(370291.2, 3809537.0, 491.6, 1482.1, 0.0); (370355.1, 3809495.6, 493.4, 1482.1, 0.0);
(370378.2, 3809491.3, 493.9, 1482.1, 0.0); (370187.7, 3809493.9, 493.7, 1482.1, 0.0);
(370241.0, 3809459.4, 502.8, 1482.1, 0.0); (370262.2, 3809445.6, 501.2, 1482.1, 0.0);
(370326.1, 3809404.2, 498.9, 1482.1, 0.0); (370409.5, 3809403.4, 495.3, 1482.1, 0.0);
(370434.4, 3809408.5, 495.5, 1482.1, 0.0); (370459.2, 3809413.7, 496.0, 1482.1, 0.0);
(370084.6, 3809450.5, 488.4, 1482.1, 0.0); (370106.9, 3809436.1, 489.8, 1482.1, 0.0);
(370129.1, 3809421.7, 491.4, 1482.1, 0.0); (370151.3, 3809407.3, 491.5, 1482.1, 0.0);
(370218.0, 3809364.1, 497.4, 1482.1, 0.0); (370240.2, 3809349.7, 497.4, 1482.1, 0.0);
(370380.9, 3809302.9, 500.4, 1482.1, 0.0); (370406.8, 3809308.3, 496.5, 1482.1, 0.0);
(370523.5, 3809332.7, 499.5, 1482.1, 0.0); (370588.3, 3809346.2, 497.9, 1482.1, 0.0);
(370013.3, 3809386.5, 487.9, 1482.1, 0.0); (370035.4, 3809372.3, 487.6, 1482.1, 0.0);
(370057.4, 3809358.0, 488.0, 1482.1, 0.0); (370079.4, 3809343.7, 488.3, 1482.1, 0.0);
(370101.4, 3809329.4, 489.3, 1482.1, 0.0); (370123.5, 3809315.2, 489.7, 1482.1, 0.0);
(370222.6, 3809250.9, 496.9, 1482.1, 0.0); (370374.9, 3809207.2, 511.2, 1482.1, 0.0);
(370426.3, 3809217.9, 507.1, 1482.1, 0.0); (370529.1, 3809239.4, 501.5, 1482.1, 0.0);
(370567.7, 3809247.4, 501.7, 1482.1, 0.0); (369931.0, 3809329.7, 495.2, 1482.1, 0.0);
(369952.9, 3809315.5, 505.3, 1482.1, 0.0); (369974.8, 3809301.3, 499.8, 1482.1, 0.0);

```
     ( 369996.7, 3809287.1,     498.4,    1482.1,       0.0);         ( 370018.6,
3809272.9,     505.5,    1482.1,       0.0);
     ( 370040.5, 3809258.8,     509.9,    1482.1,       0.0);         ( 370062.4,
3809244.6,     507.9,    1482.1,       0.0);
     ( 370305.1, 3809098.2,     503.9,    1482.1,       0.0);         ( 370330.7,
3809103.5,     501.6,    1482.1,       0.0);
     ( 370356.2, 3809108.8,     501.4,    1482.1,       0.0);         ( 370471.2,
3809132.8,     506.2,    1482.1,       0.0);
     ( 370522.3, 3809143.5,     502.6,    1482.1,       0.0);         ( 370547.8,
3809148.8,     502.7,    1482.1,       0.0);
     ( 370650.0, 3809170.2,     503.6,    1482.1,       0.0);         ( 370675.6,
3809175.5,     504.0,    1482.1,       0.0);
     ( 370319.2, 3809706.2,     489.3,    1482.1,       0.0);         ( 370303.8,
3809664.9,     489.8,    1482.1,       0.0);
     ( 370199.6, 3809671.8,     488.1,    1482.1,       0.0);         ( 370194.4,
3809698.9,     487.5,    1482.1,       0.0);
     ( 370099.8, 3809665.8,     486.2,    1482.1,       0.0);         ( 370094.5,
3809693.0,     486.0,    1482.1,       0.0);
     ( 370000.3, 3809659.1,     483.8,    1482.1,       0.0);         ( 369994.7,
3809687.1,     483.6,    1482.1,       0.0);
     ( 369900.4, 3809653.4,     482.1,    1482.1,       0.0);         ( 369909.6,
3809626.5,     482.2,    1482.1,       0.0);
     ( 369894.9, 3809681.2,     481.9,    1482.1,       0.0);         ( 369800.5,
3809647.6,     497.1,    1482.1,       0.0);
     ( 369809.7, 3809621.0,     488.8,    1482.1,       0.0);         ( 369795.1,
3809675.3,     493.9,    1482.1,       0.0);
     ( 370370.9, 3809736.6,     489.4,    1482.1,       0.0);         ( 370372.7,
3809760.6,     489.0,    1482.1,       0.0);
     ( 370374.5, 3809784.6,     488.4,    1482.1,       0.0);         ( 370376.3,
3809808.6,     487.9,    1482.1,       0.0);
     ( 370378.1, 3809832.6,     487.4,    1482.1,       0.0);         ( 370379.9,
3809856.6,     486.9,    1482.1,       0.0);
     ( 370381.7, 3809880.6,     486.4,    1482.1,       0.0);         ( 370383.5,
3809904.6,     485.9,    1482.1,       0.0);
     ( 370347.8, 3809762.4,     488.6,    1482.1,       0.0);         ( 370349.6,
3809786.4,     488.1,    1482.1,       0.0);
     ( 370351.4, 3809810.4,     487.6,    1482.1,       0.0);         ( 370353.2,
3809834.5,     487.1,    1482.1,       0.0);
     ( 370355.0, 3809858.5,     486.6,    1482.1,       0.0);         ( 370356.8,
3809882.5,     486.1,    1482.1,       0.0);
     ( 370358.5, 3809906.5,     485.6,    1482.1,       0.0);         ( 370324.6,
3809788.3,     490.7,    1482.1,       0.0);
     ( 370326.4, 3809812.3,     490.2,    1482.1,       0.0);         ( 370328.2,
3809836.3,     488.8,    1482.1,       0.0);
     ( 370330.0, 3809860.3,     487.5,    1482.1,       0.0);         ( 370331.8,
3809884.3,     486.4,    1482.1,       0.0);
     ( 370333.6, 3809908.3,     485.6,    1482.1,       0.0);         ( 370297.9,
3809766.2,     489.3,    1482.1,       0.0);
     ( 370299.7, 3809790.2,     495.9,    1482.1,       0.0);         ( 370301.5,
3809814.2,     497.7,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370306.9, 3809886.2, 488.2, 1482.1, 0.0); (370308.7,
3809910.2, 486.5, 1482.1, 0.0);
(370194.6, 3809725.6, 487.0, 1482.1, 0.0); (370196.4,
3809749.6, 486.9, 1482.1, 0.0);
(370198.2, 3809773.6, 488.5, 1482.1, 0.0); (370200.0,
3809797.6, 495.6, 1482.1, 0.0);
(370201.8, 3809821.6, 501.7, 1482.1, 0.0); (370203.6,
3809845.7, 504.3, 1482.1, 0.0);
(370205.4, 3809869.7, 502.5, 1482.1, 0.0); (370207.2,
3809893.7, 496.1, 1482.1, 0.0);
(370209.0, 3809917.7, 489.4, 1482.1, 0.0); (370094.9,
3809733.1, 485.5, 1482.1, 0.0);
(370096.7, 3809757.1, 485.1, 1482.1, 0.0); (370098.5,
3809781.1, 484.8, 1482.1, 0.0);
(370100.3, 3809805.1, 484.6, 1482.1, 0.0); (370102.1,
3809829.1, 484.0, 1482.1, 0.0);
(370103.8, 3809853.1, 489.5, 1482.1, 0.0); (370105.6,
3809877.1, 494.2, 1482.1, 0.0);
(370107.5, 3809901.1, 493.9, 1482.1, 0.0); (370109.2,
3809925.1, 486.4, 1482.1, 0.0);
(369995.0, 3809722.7, 483.2, 1482.1, 0.0); (369996.9,
3809764.5, 482.8, 1482.1, 0.0);
(369998.7, 3809788.6, 482.7, 1482.1, 0.0); (370000.5,
3809812.6, 482.6, 1482.1, 0.0);
(370002.3, 3809836.6, 482.6, 1482.1, 0.0); (370004.1,
3809860.6, 482.4, 1482.1, 0.0);
(370005.9, 3809884.6, 482.4, 1482.1, 0.0); (370007.7,
3809908.6, 481.9, 1482.1, 0.0);
(370009.5, 3809932.6, 481.1, 1482.1, 0.0); (369895.2,
3809725.7, 481.7, 1482.1, 0.0);
(369897.2, 3809772.0, 483.6, 1482.1, 0.0); (369899.0,
3809796.0, 481.5, 1482.1, 0.0);
(369900.8, 3809820.0, 480.6, 1482.1, 0.0); (369902.6,
3809844.0, 480.3, 1482.1, 0.0);
(369904.4, 3809868.0, 479.9, 1482.1, 0.0); (369906.2,
3809892.1, 479.8, 1482.1, 0.0);

```
     ( 369908.0, 3809916.1,     479.8,    1482.1,       0.0);         ( 369909.8,
3809940.1,     479.8,    1482.1,       0.0);
     ( 369795.5, 3809735.4,     489.1,    1482.1,       0.0);         ( 369797.5,
3809779.5,     494.7,    1482.1,       0.0);
     ( 369799.3, 3809803.5,     494.1,    1482.1,       0.0);         ( 369801.1,
3809827.5,     494.9,    1482.1,       0.0);
     ( 369802.9, 3809851.5,     496.9,    1482.1,       0.0);         ( 369804.7,
3809875.5,     497.4,    1482.1,       0.0);
     ( 369806.5, 3809899.5,     493.8,    1482.1,       0.0);         ( 369808.3,
3809923.5,     485.0,    1482.1,       0.0);
     ( 369810.1, 3809947.5,     488.0,    1482.1,       0.0);         ( 370404.6,
3809927.5,     485.9,    1482.1,       0.0);
     ( 370386.3, 3809944.4,     484.9,    1482.1,       0.0);         ( 370422.8,
3809955.5,     486.8,    1482.1,       0.0);
     ( 370382.5, 3809969.1,     485.0,    1482.1,       0.0);         ( 370346.8,
3809938.6,     484.8,    1482.1,       0.0);
     ( 370419.0, 3809980.3,     486.0,    1482.1,       0.0);         ( 370373.8,
3809991.3,     485.1,    1482.1,       0.0);
     ( 370326.2, 3809950.5,     484.3,    1482.1,       0.0);         ( 370415.2,
3810005.0,     484.5,    1482.1,       0.0);
     ( 370252.8, 3810018.4,     484.3,    1482.1,       0.0);         ( 370235.3,
3809978.1,     486.8,    1482.1,       0.0);
     ( 370400.0, 3810103.8,     481.5,    1482.1,       0.0);         ( 370343.5,
3810189.0,     477.8,    1482.1,       0.0);
     ( 370304.6, 3810168.3,     485.5,    1482.1,       0.0);         ( 370265.8,
3810147.7,     496.0,    1482.1,       0.0);
     ( 370161.9, 3810046.0,     491.3,    1482.1,       0.0);         ( 370144.3,
3810005.7,     488.4,    1482.1,       0.0);
     ( 370126.8, 3809965.4,     486.3,    1482.1,       0.0);         ( 370384.8,
3810202.6,     477.7,    1482.1,       0.0);
     ( 370328.3, 3810287.8,     478.2,    1482.1,       0.0);         ( 370289.5,
3810267.2,     477.5,    1482.1,       0.0);
     ( 370250.6, 3810246.6,     476.5,    1482.1,       0.0);         ( 370211.8,
3810225.9,     476.2,    1482.1,       0.0);
     ( 370173.0, 3810205.3,     477.7,    1482.1,       0.0);         ( 370062.2,
3810053.5,     478.4,    1482.1,       0.0);
     ( 370044.6, 3810013.2,     479.6,    1482.1,       0.0);         ( 370027.1,
3809972.9,     480.6,    1482.1,       0.0);
     ( 370369.7, 3810301.5,     479.1,    1482.1,       0.0);         ( 370313.1,
3810386.6,     478.5,    1482.1,       0.0);
     ( 370274.3, 3810366.0,     477.0,    1482.1,       0.0);         ( 370235.5,
3810345.4,     476.7,    1482.1,       0.0);
     ( 370196.6, 3810324.8,     476.6,    1482.1,       0.0);         ( 370157.8,
3810304.2,     475.8,    1482.1,       0.0);
     ( 370119.0, 3810283.5,     475.7,    1482.1,       0.0);         ( 370080.2,
3810262.9,     475.2,    1482.1,       0.0);
     ( 370032.6, 3810222.1,     475.5,    1482.1,       0.0);         ( 370015.1,
3810181.9,     478.8,    1482.1,       0.0);
     ( 369971.2, 3810081.1,     478.0,    1482.1,       0.0);         ( 369953.7,
3810040.8,     478.6,    1482.1,       0.0);
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(369936.1, 3810000.5, 482.1, 1482.1, 0.0); (370354.5, 3810400.3, 479.6, 1482.1, 0.0);
(370297.9, 3810485.5, 483.4, 1482.1, 0.0); (370259.1, 3810464.9, 483.7, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370220.3, 3810444.2, 480.6, 1482.1, 0.0); (370181.5, 3810423.6, 478.7, 1482.1, 0.0);
(370142.6, 3810403.0, 477.0, 1482.1, 0.0); (370103.8, 3810382.4, 475.2, 1482.1, 0.0);
(370065.0, 3810361.8, 475.3, 1482.1, 0.0); (370026.2, 3810341.1, 475.1, 1482.1, 0.0);
(369987.4, 3810320.5, 475.3, 1482.1, 0.0); (369959.2, 3810290.1, 473.9, 1482.1, 0.0);
(369941.7, 3810249.8, 474.1, 1482.1, 0.0); (369924.1, 3810209.5, 474.2, 1482.1, 0.0);
(369906.6, 3810169.2, 476.3, 1482.1, 0.0); (369845.2, 3810028.1, 478.7, 1482.1, 0.0);
(369827.6, 3809987.8, 484.8, 1482.1, 0.0); (370339.3, 3810499.2, 481.0, 1482.1, 0.0);
(370405.8, 3809901.7, 486.4, 1482.1, 0.0); (370233.6, 3809870.4, 498.2, 1482.1, 0.0);
(370135.2, 3809852.5, 494.6, 1482.1, 0.0); (370036.8, 3809834.7, 483.1, 1482.1, 0.0);
(369938.5, 3809816.8, 481.1, 1482.1, 0.0); (369840.1, 3809799.0, 488.7, 1482.1, 0.0);
(370358.3, 3809959.9, 485.0, 1482.1, 0.0); (370232.0, 3809954.7, 484.4, 1482.1, 0.0);
(370231.1, 3809921.8, 485.1, 1482.1, 0.0); (370133.8, 3809941.5, 488.1, 1482.1, 0.0);
(370132.8, 3809906.3, 494.7, 1482.1, 0.0); (370035.9, 3809944.5, 481.5, 1482.1, 0.0);
(370034.9, 3809908.0, 481.9, 1482.1, 0.0); (370034.0, 3809871.5, 482.7, 1482.1, 0.0);
(369938.8, 3809972.2, 482.0, 1482.1, 0.0); (369937.8, 3809938.0, 480.3, 1482.1, 0.0);
(369936.9, 3809903.8, 480.4, 1482.1, 0.0); (369936.0, 3809869.6, 480.9, 1482.1, 0.0);
(369840.5, 3809958.2, 487.0, 1482.1, 0.0); (369839.5, 3809923.1, 485.2, 1482.1, 0.0);

```
    ( 369838.6, 3809887.9,     482.7,    1482.1,       0.0);         ( 369837.6,
3809852.7,     482.7,    1482.1,       0.0);
    ( 370451.8, 3809966.6,     487.0,    1482.1,       0.0);         ( 370452.9,
3809991.6,     486.6,    1482.1,       0.0);
    ( 370434.5, 3810017.4,     484.1,    1482.1,       0.0);         ( 370403.3,
3810032.4,     483.5,    1482.1,       0.0);
    ( 370343.2, 3809979.8,     486.4,    1482.1,       0.0);         ( 370421.5,
3810136.6,     479.8,    1482.1,       0.0);
    ( 370384.6, 3810125.1,     480.5,    1482.1,       0.0);         ( 370347.7,
3810113.6,     481.1,    1482.1,       0.0);
    ( 370459.5, 3810141.5,     479.6,    1482.1,       0.0);         ( 370426.7,
3810236.8,     479.4,    1482.1,       0.0);
    ( 370391.5, 3810225.8,     478.7,    1482.1,       0.0);         ( 370356.2,
3810214.8,     477.8,    1482.1,       0.0);
    ( 370321.0, 3810203.9,     478.4,    1482.1,       0.0);         ( 370285.7,
3810192.9,     487.5,    1482.1,       0.0);
    ( 370240.4, 3810166.5,     493.9,    1482.1,       0.0);         ( 370463.8,
3810241.4,     479.6,    1482.1,       0.0);
    ( 370430.2, 3810336.4,     479.4,    1482.1,       0.0);         ( 370393.3,
3810324.9,     479.2,    1482.1,       0.0);
    ( 370301.0, 3810296.2,     477.4,    1482.1,       0.0);         ( 370264.1,
3810284.7,     477.0,    1482.1,       0.0);
    ( 370227.2, 3810273.2,     476.7,    1482.1,       0.0);         ( 370179.6,
3810245.6,     475.7,    1482.1,       0.0);
    ( 370147.9, 3810197.0,     479.4,    1482.1,       0.0);         ( 370468.2,
3810341.3,     480.1,    1482.1,       0.0);
    ( 370435.1, 3810436.5,     483.6,    1482.1,       0.0);         ( 370399.2,
3810425.3,     481.7,    1482.1,       0.0);
    ( 370255.6, 3810380.6,     476.9,    1482.1,       0.0);         ( 370219.7,
3810369.5,     476.5,    1482.1,       0.0);
    ( 370183.8, 3810358.3,     476.1,    1482.1,       0.0);         ( 370147.9,
3810347.1,     475.8,    1482.1,       0.0);
    ( 370119.7, 3810325.8,     475.8,    1482.1,       0.0);         ( 370099.1,
3810294.3,     475.4,    1482.1,       0.0);
    ( 370058.0, 3810231.4,     475.4,    1482.1,       0.0);         ( 370037.4,
3810199.9,     479.0,    1482.1,       0.0);
    ( 370472.5, 3810441.2,     484.4,    1482.1,       0.0);         ( 370439.0,
3810536.2,     484.4,    1482.1,       0.0);
    ( 370402.0, 3810524.7,     482.4,    1482.1,       0.0);         ( 370365.1,
3810513.2,     481.1,    1482.1,       0.0);
    ( 370272.8, 3810484.5,     483.6,    1482.1,       0.0);         ( 370235.9,
3810473.0,     483.9,    1482.1,       0.0);
    ( 370199.0, 3810461.5,     481.9,    1482.1,       0.0);         ( 370162.0,
3810450.1,     479.9,    1482.1,       0.0);
    ( 370125.1, 3810438.6,     478.9,    1482.1,       0.0);         ( 370088.2,
3810427.1,     477.9,    1482.1,       0.0);
    ( 370059.1, 3810405.2,     476.5,    1482.1,       0.0);         ( 370038.0,
3810372.8,     474.8,    1482.1,       0.0);
    ( 369985.1, 3810291.9,     474.5,    1482.1,       0.0);         ( 369963.9,
3810259.5,     473.6,    1482.1,       0.0);
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(369942.8, 3810227.1, 474.6, 1482.1, 0.0); (369889.9, 3810146.2, 476.5, 1482.1, 0.0);
(370476.9, 3810541.1, 485.5, 1482.1, 0.0); (370474.6, 3809964.9, 486.9, 1482.1, 0.0);
(370476.5, 3809989.8, 486.0, 1482.1, 0.0); (370478.5, 3810014.8, 484.3, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.0, 3810139.4, 479.8, 1482.1, 0.0); (370495.7, 3810239.1, 479.5, 1482.1, 0.0);
(370503.4, 3810338.8, 480.6, 1482.1, 0.0); (370511.0, 3810438.5, 483.0, 1482.1, 0.0);
(370518.7, 3810538.2, 485.4, 1482.1, 0.0); (370509.4, 3809980.3, 486.0, 1482.1, 0.0);
(370549.4, 3809984.7, 485.4, 1482.1, 0.0); (370574.0, 3809984.1, 485.5, 1482.1, 0.0);
(370508.3, 3810153.7, 479.6, 1482.1, 0.0); (370553.5, 3810159.7, 479.9, 1482.1, 0.0);
(370578.0, 3810159.1, 480.4, 1482.1, 0.0); (370602.5, 3810158.5, 480.5, 1482.1, 0.0);
(370531.2, 3810260.2, 480.4, 1482.1, 0.0); (370555.8, 3810259.6, 480.7, 1482.1, 0.0);
(370580.3, 3810259.1, 481.2, 1482.1, 0.0); (370604.8, 3810258.5, 481.3, 1482.1, 0.0);
(370533.5, 3810360.2, 480.9, 1482.1, 0.0); (370558.0, 3810359.6, 480.7, 1482.1, 0.0);
(370582.6, 3810359.0, 481.2, 1482.1, 0.0); (370607.1, 3810358.5, 481.3, 1482.1, 0.0);
(370381.0, 3810410.9, 479.9, 1482.1, 0.0); (370535.8, 3810460.1, 485.2, 1482.1, 0.0);
(370560.3, 3810459.6, 485.3, 1482.1, 0.0); (370584.9, 3810459.0, 485.6, 1482.1, 0.0);
(370609.4, 3810458.5, 485.8, 1482.1, 0.0); (370538.1, 3810560.1, 486.3, 1482.1, 0.0);
(370562.6, 3810559.6, 486.4, 1482.1, 0.0); (370587.2, 3810559.0, 487.0, 1482.1, 0.0);
(370611.7, 3810558.4, 487.6, 1482.1, 0.0); (370636.3, 3810158.6, 481.2, 1482.1, 0.0);
(370636.3, 3810258.6, 481.5, 1482.1, 0.0); (370636.3, 3810358.6, 481.6, 1482.1, 0.0);

```
     ( 370636.3, 3810458.6,     486.3,    1482.1,       0.0);         ( 370636.3,
3810558.6,     488.2,    1482.1,       0.0);
     ( 370628.5, 3809965.2,     495.3,    1482.1,       0.0);         ( 370604.0,
3809960.0,     491.2,    1482.1,       0.0);
     ( 370264.4, 3809874.8,     497.4,    1482.1,       0.0);         ( 370166.6,
3809853.8,     502.0,    1482.1,       0.0);
     ( 370068.8, 3809832.8,     483.6,    1482.1,       0.0);         ( 370575.0,
3809959.2,     489.6,    1482.1,       0.0);
     ( 370534.9, 3809384.2,     497.9,    1482.1,       0.0);         ( 370447.5,
3809499.7,     494.5,    1482.1,       0.0);
     ( 370501.3, 3809947.9,     487.0,    1482.1,       0.0);         ( 370438.1,
3809603.7,     501.8,    1482.1,       0.0);
     ( 370402.0, 3809828.0,     487.8,    1482.1,       0.0);         ( 370298.8,
3809939.1,     485.1,    1482.1,       0.0);
     ( 370243.9, 3809844.4,     504.9,    1482.1,       0.0);         ( 370260.0,
3809822.7,     506.2,    1482.1,       0.0);
     ( 370276.1, 3809800.9,     499.1,    1482.1,       0.0);         ( 370135.9,
3809827.5,     489.6,    1482.1,       0.0);
     ( 370152.8, 3809804.7,     487.5,    1482.1,       0.0);         ( 370169.6,
3809781.9,     487.4,    1482.1,       0.0);
     ( 370220.2, 3809713.5,     487.6,    1482.1,       0.0);         ( 370250.0,
3809684.8,     488.7,    1482.1,       0.0);
     ( 370035.1, 3809800.9,     483.2,    1482.1,       0.0);         ( 370052.5,
3809777.5,     483.8,    1482.1,       0.0);
     ( 370069.8, 3809754.0,     484.5,    1482.1,       0.0);         ( 370156.6,
3809636.6,     487.4,    1482.1,       0.0);
     ( 370187.2, 3809607.0,     488.8,    1482.1,       0.0);         ( 369942.2,
3809763.6,     481.5,    1482.1,       0.0);
     ( 369959.1, 3809740.8,     482.1,    1482.1,       0.0);         ( 370043.4,
3809626.8,     484.7,    1482.1,       0.0);
     ( 370060.2, 3809604.0,     485.1,    1482.1,       0.0);         ( 370077.1,
3809581.2,     485.9,    1482.1,       0.0);
     ( 370094.0, 3809558.4,     486.8,    1482.1,       0.0);         ( 370123.7,
3809529.7,     486.0,    1482.1,       0.0);
     ( 369928.3, 3809788.6,     481.0,    1482.1,       0.0);         ( 370369.8,
3810015.2,     483.9,    1482.1,       0.0);
     ( 370346.0, 3810017.6,     483.2,    1482.1,       0.0);         ( 370322.1,
3810020.0,     482.5,    1482.1,       0.0);
     ( 370319.6, 3809995.1,     485.6,    1482.1,       0.0);         ( 370359.9,
3809438.3,     494.0,    1482.1,       0.0);
     ( 370298.0, 3810008.0,     484.2,    1482.1,       0.0);         ( 370395.8,
3809751.0,     489.5,    1482.1,       0.0);
     ( 370467.0, 3809564.1,     503.1,    1482.1,       0.0);         ( 370292.9,
3809981.5,     487.7,    1482.1,       0.0);
     ( 370272.3, 3809954.9,     484.4,    1482.1,       0.0);         ( 370274.2,
3809929.9,     485.5,    1482.1,       0.0);
     ( 370281.8, 3809830.2,     504.8,    1482.1,       0.0);         ( 370266.9,
3809728.8,     488.1,    1482.1,       0.0);
     ( 370296.8, 3809630.8,     490.3,    1482.1,       0.0);         ( 370229.1,
3810008.1,     487.3,    1482.1,       0.0);
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(370214.0, 3809988.2, 487.6, 1482.1, 0.0); (370198.8, 3809968.3, 489.9, 1482.1, 0.0);
(370200.7, 3809943.4, 491.0, 1482.1, 0.0); (370165.9, 3809962.0, 496.8, 1482.1, 0.0);
(370123.8, 3809771.2, 485.5, 1482.1, 0.0); (370164.7, 3809759.1, 486.2, 1482.1, 0.0);
(370226.0, 3809740.9, 487.3, 1482.1, 0.0); (370043.8, 3809697.4, 484.6, 1482.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370148.6, 3809666.3, 487.2, 1482.1, 0.0); (369962.5, 3809624.0, 483.2, 1482.1, 0.0);
(370005.1, 3809611.3, 484.7, 1482.1, 0.0); (370111.6, 3809579.8, 486.8, 1482.1, 0.0);
(370175.5, 3809560.9, 494.4, 1482.1, 0.0); (370218.1, 3809548.3, 500.1, 1482.1, 0.0);
(369901.1, 3809544.7, 483.7, 1482.1, 0.0); (369982.8, 3809520.5, 484.7, 1482.1, 0.0);
(370023.7, 3809508.4, 485.2, 1482.1, 0.0); (370085.1, 3809490.2, 487.9, 1482.1, 0.0);
(370126.0, 3809478.1, 487.5, 1482.1, 0.0); (369862.9, 3809564.3, 483.9, 1482.1, 0.0);
(370199.0, 3810010.4, 498.2, 1482.1, 0.0); (370180.0, 3809987.7, 489.6, 1482.1, 0.0);
(370173.3, 3809938.2, 498.9, 1482.1, 0.0); (370283.7, 3809745.9, 488.4, 1482.1, 0.0);
(370146.6, 3809740.0, 486.3, 1482.1, 0.0); (370179.6, 3809638.1, 487.9, 1482.1, 0.0);
(370152.8, 3809439.9, 491.8, 1482.1, 0.0); (370334.3, 3809457.3, 493.6, 1482.1, 0.0);
(370379.7, 3809461.7, 494.2, 1482.1, 0.0); (370435.8, 3809480.6, 493.8, 1482.1, 0.0);
(370170.1, 3810018.6, 498.1, 1482.1, 0.0); (370121.7, 3809994.8, 486.6, 1482.1, 0.0);
(370105.1, 3809976.1, 484.5, 1482.1, 0.0); (370071.5, 3809879.7, 486.1, 1482.1, 0.0);
(369972.2, 3809826.6, 482.1, 1482.1, 0.0); (369938.6, 3809730.2, 481.8, 1482.1, 0.0);
(369974.0, 3809714.0, 482.8, 1482.1, 0.0); (370062.4, 3809673.4, 485.1, 1482.1, 0.0);

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     ( 369872.2, 3809655.5,     482.2,    1482.1,       0.0);         ( 369978.3,
3809606.8,     483.5,    1482.1,       0.0);
     ( 369805.8, 3809580.8,     489.1,    1482.1,       0.0);         ( 369929.5,
3809523.9,     483.7,    1482.1,       0.0);
     ( 370000.3, 3809491.4,     484.8,    1482.1,       0.0);         ( 370035.7,
3809475.2,     485.3,    1482.1,       0.0);
     ( 369772.8, 3809602.4,     501.0,    1482.1,       0.0);         ( 370271.9,
3809767.4,     488.5,    1482.1,       0.0);
     ( 370314.3, 3809567.9,     490.9,    1482.1,       0.0);         ( 370091.7,
3810006.9,     486.2,    1482.1,       0.0);
     ( 370100.6, 3809953.8,     483.2,    1482.1,       0.0);         ( 370075.8,
3809933.6,     484.2,    1482.1,       0.0);
     ( 370052.8, 3809734.0,     484.3,    1482.1,       0.0);         ( 370069.0,
3809639.9,     485.3,    1482.1,       0.0);
     ( 370010.3, 3809538.5,     485.3,    1482.1,       0.0);         ( 370008.3,
3809442.7,     485.3,    1482.1,       0.0);
     ( 370046.7, 3809446.4,     485.8,    1482.1,       0.0);         ( 370123.5,
3809453.8,     489.1,    1482.1,       0.0);
     ( 370076.3, 3809987.3,     482.8,    1482.1,       0.0);         ( 370034.3,
3810045.8,     478.7,    1482.1,       0.0);
     ( 370065.9, 3809965.2,     483.0,    1482.1,       0.0);         ( 370020.8,
3810016.6,     479.3,    1482.1,       0.0);
     ( 370007.2, 3809987.5,     480.7,    1482.1,       0.0);         ( 369989.4,
3810023.8,     479.0,    1482.1,       0.0);
     ( 369962.3, 3809887.9,     481.2,    1482.1,       0.0);         ( 369899.6,
3809980.0,     480.5,    1482.1,       0.0);
     ( 369863.7, 3809855.0,     479.8,    1482.1,       0.0);         ( 369963.9,
3809770.8,     482.1,    1482.1,       0.0);
     ( 370016.0, 3809746.4,     483.3,    1482.1,       0.0);         ( 369750.1,
3809840.3,     498.9,    1482.1,       0.0);
     ( 369775.1, 3809809.4,     500.2,    1482.1,       0.0);         ( 369825.1,
3809747.6,     485.6,    1482.1,       0.0);
     ( 369868.1, 3809708.2,     482.3,    1482.1,       0.0);         ( 369958.1,
3809665.9,     482.9,    1482.1,       0.0);
     ( 369728.8, 3809874.0,     481.8,    1482.1,       0.0);         ( 369659.5,
3809797.4,     476.4,    1482.1,       0.0);
     ( 369682.9, 3809768.4,     477.3,    1482.1,       0.0);         ( 369706.4,
3809739.4,     490.6,    1482.1,       0.0);
     ( 369729.8, 3809710.4,     508.0,    1482.1,       0.0);         ( 369753.3,
3809681.5,     506.6,    1482.1,       0.0);
     ( 369776.7, 3809652.5,     507.1,    1482.1,       0.0);         ( 369855.9,
3809606.2,     482.8,    1482.1,       0.0);
     ( 369889.6, 3809590.4,     482.3,    1482.1,       0.0);         ( 369974.0,
3809550.7,     483.9,    1482.1,       0.0);
     ( 369638.9, 3809830.1,     469.9,    1482.1,       0.0);         ( 369570.0,
3809753.1,     469.2,    1482.1,       0.0);
     ( 369594.1, 3809723.3,     476.7,    1482.1,       0.0);         ( 369618.2,
3809693.5,     484.6,    1482.1,       0.0);
     ( 369642.3, 3809663.7,     492.7,    1482.1,       0.0);         ( 369666.4,
3809633.8,     492.1,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370010.8, 3810053.8, 478.5, 1482.1, 0.0); (369982.9, 3809984.2, 481.2, 1482.1, 0.0);
(369976.6, 3809793.2, 482.2, 1482.1, 0.0); (370078.6, 3809796.0, 484.1, 1482.1, 0.0);
(370129.7, 3809797.4, 485.2, 1482.1, 0.0); (369941.3, 3809700.4, 482.3, 1482.1, 0.0);
(370011.9, 3809702.3, 484.1, 1482.1, 0.0); (370117.8, 3809705.3, 486.4, 1482.1, 0.0);
(370153.0, 3809706.3, 487.1, 1482.1, 0.0); (370085.8, 3809612.6, 485.9, 1482.1, 0.0);
(369884.6, 3809515.2, 485.3, 1482.1, 0.0); (370078.7, 3809520.6, 486.5, 1482.1, 0.0);
(370184.6, 3809523.5, 504.9, 1482.1, 0.0); (369995.0, 3810077.0, 477.8, 1482.1, 0.0);
(369949.3, 3810063.0, 478.4, 1482.1, 0.0); (369924.3, 3810063.0, 477.7, 1482.1, 0.0);
(369960.1, 3810002.6, 478.9, 1482.1, 0.0); (369825.0, 3810061.0, 476.9, 1482.1, 0.0);
(369849.5, 3809980.9, 483.6, 1482.1, 0.0); (369867.5, 3809954.4, 482.0, 1482.1, 0.0);
(369820.0, 3810095.7, 476.2, 1482.1, 0.0); (369725.2, 3810060.2, 474.0, 1482.1, 0.0);
(369735.5, 3810026.6, 474.9, 1482.1, 0.0); (369745.8, 3809993.0, 479.2, 1482.1, 0.0);
(369756.1, 3809959.3, 488.3, 1482.1, 0.0); (369766.5, 3809925.7, 493.0, 1482.1, 0.0);
(369867.5, 3809831.6, 480.9, 1482.1, 0.0); (369720.0, 3810095.7, 473.4, 1482.1, 0.0);

```
     ( 369625.3, 3810059.8,     472.4,    1482.1,       0.0);         ( 369635.9,
3810025.3,     471.8,    1482.1,       0.0);
     ( 369646.5, 3809990.8,     472.3,    1482.1,       0.0);         ( 369657.1,
3809956.3,     472.0,    1482.1,       0.0);
     ( 369667.6, 3809921.8,     471.7,    1482.1,       0.0);         ( 369678.2,
3809887.3,     472.2,    1482.1,       0.0);
     ( 369702.9, 3809841.5,     480.6,    1482.1,       0.0);         ( 369731.0,
3809818.9,     487.2,    1482.1,       0.0);
     ( 369773.1, 3809784.9,     500.8,    1482.1,       0.0);         ( 369843.4,
3809728.3,     483.7,    1482.1,       0.0);
     ( 369620.0, 3810095.7,     473.2,    1482.1,       0.0);         ( 369525.4,
3810059.5,     471.0,    1482.1,       0.0);
     ( 369536.2, 3810024.5,     470.9,    1482.1,       0.0);         ( 369546.9,
3809989.5,     470.9,    1482.1,       0.0);
     ( 369557.6, 3809954.4,     470.8,    1482.1,       0.0);         ( 369568.4,
3809919.4,     470.4,    1482.1,       0.0);
     ( 369579.1, 3809884.3,     469.8,    1482.1,       0.0);         ( 369589.9,
3809849.3,     469.2,    1482.1,       0.0);
     ( 369600.6, 3809814.3,     469.1,    1482.1,       0.0);         ( 369620.3,
3809785.3,     470.7,    1482.1,       0.0);
     ( 369648.8, 3809762.3,     477.9,    1482.1,       0.0);         ( 369677.3,
3809739.3,     479.4,    1482.1,       0.0);
     ( 369705.9, 3809716.3,     494.7,    1482.1,       0.0);         ( 369520.0,
3810095.7,     469.4,    1482.1,       0.0);
     ( 369425.5, 3810059.3,     468.2,    1482.1,       0.0);         ( 369436.3,
3810023.9,     469.9,    1482.1,       0.0);
     ( 369447.2, 3809988.5,     469.8,    1482.1,       0.0);         ( 369458.0,
3809953.1,     469.7,    1482.1,       0.0);
     ( 369468.9, 3809917.7,     469.6,    1482.1,       0.0);         ( 369479.8,
3809882.3,     469.4,    1482.1,       0.0);
     ( 369490.6, 3809846.9,     469.4,    1482.1,       0.0);         ( 369501.5,
3809811.5,     469.6,    1482.1,       0.0);
     ( 369512.3, 3809776.1,     469.0,    1482.1,       0.0);         ( 369537.6,
3809729.1,     469.1,    1482.1,       0.0);
     ( 369566.5, 3809705.8,     473.9,    1482.1,       0.0);         ( 369595.3,
3809682.6,     487.1,    1482.1,       0.0);
     ( 369420.0, 3810095.7,     469.2,    1482.1,       0.0);         ( 369901.7,
3810040.3,     477.6,    1482.1,       0.0);
     ( 369880.5, 3810031.8,     477.8,    1482.1,       0.0);         ( 369932.2,
3810025.5,     477.9,    1482.1,       0.0);
     ( 369911.0, 3810017.0,     478.6,    1482.1,       0.0);         ( 369889.7,
3810008.6,     478.2,    1482.1,       0.0);
     ( 369868.5, 3810000.1,     479.5,    1482.1,       0.0);         ( 370114.3,
3809506.0,     485.9,    1482.1,       0.0);
     ( 369860.7, 3809758.3,     487.7,    1482.1,       0.0);         ( 369776.1,
3809755.3,     498.4,    1482.1,       0.0);
     ( 369843.7, 3809660.2,     486.3,    1482.1,       0.0);         ( 369773.9,
3809557.1,     494.9,    1482.1,       0.0);
     ( 369913.1, 3809570.4,     482.9,    1482.1,       0.0);         ( 369965.3,
3809575.4,     483.4,    1482.1,       0.0);
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(370000.1, 3809578.7, 485.6, 1482.1, 0.0); (369755.4, 3809458.8, 496.9, 1482.1, 0.0);
(369790.5, 3809462.2, 495.2, 1482.1, 0.0); (369825.7, 3809465.6, 490.9, 1482.1, 0.0);
(369720.0, 3809460.5, 502.9, 1482.1, 0.0); (369809.7, 3810039.1, 477.0, 1482.1, 0.0);
(369799.5, 3810060.3, 476.5, 1482.1, 0.0); (369787.1, 3810028.3, 476.9, 1482.1, 0.0);
(369777.0, 3810049.5, 476.2, 1482.1, 0.0); (369775.6, 3810004.0, 478.4, 1482.1, 0.0);
(369802.3, 3809983.4, 482.5, 1482.1, 0.0); (369754.5, 3810038.6, 475.7, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 473.1, 1482.1, 0.0); (369752.6, 3809872.5, 491.7, 1482.1, 0.0);
(369773.7, 3809863.0, 503.8, 1482.1, 0.0); (369605.6, 3809866.1, 469.6, 1482.1, 0.0);
(369620.2, 3809848.1, 469.4, 1482.1, 0.0); (369691.6, 3809793.2, 479.3, 1482.1, 0.0);
(369712.7, 3809783.7, 483.0, 1482.1, 0.0); (369733.9, 3809774.2, 492.9, 1482.1, 0.0);
(369755.0, 3809764.7, 504.0, 1482.1, 0.0); (369530.0, 3809804.8, 469.8, 1482.1, 0.0);
(369630.6, 3809713.9, 477.4, 1482.1, 0.0); (369651.8, 3809704.4, 484.4, 1482.1, 0.0);
(369672.9, 3809694.9, 491.3, 1482.1, 0.0); (369694.0, 3809685.5, 497.9, 1482.1, 0.0);
(369715.2, 3809676.0, 505.5, 1482.1, 0.0); (369736.3, 3809666.5, 511.3, 1482.1, 0.0);
(369396.1, 3809815.5, 468.7, 1482.1, 0.0); (369410.7, 3809797.5, 468.8, 1482.1, 0.0);
(369425.3, 3809779.5, 468.8, 1482.1, 0.0); (369439.9, 3809761.5, 468.8, 1482.1, 0.0);
(369454.5, 3809743.5, 468.9, 1482.1, 0.0); (369469.1, 3809725.5, 469.1, 1482.1, 0.0);
(369483.7, 3809707.6, 469.4, 1482.1, 0.0); (369498.2, 3809689.6, 470.0, 1482.1, 0.0);
(369512.8, 3809671.6, 470.5, 1482.1, 0.0); (369548.6, 3809644.1, 477.8, 1482.1, 0.0);

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     ( 369569.7, 3809634.6,     476.5,    1482.1,       0.0);         ( 369590.8,
3809625.2,     477.8,    1482.1,       0.0);
     ( 369612.0, 3809615.7,     480.1,    1482.1,       0.0);         ( 369633.1,
3809606.2,     482.9,    1482.1,       0.0);
     ( 369654.2, 3809596.7,     483.9,    1482.1,       0.0);         ( 369675.3,
3809587.2,     485.8,    1482.1,       0.0);
     ( 369381.5, 3809833.5,     468.7,    1482.1,       0.0);         ( 369371.4,
3809854.6,     468.6,    1482.1,       0.0);
     ( 369306.0, 3809772.2,     468.2,    1482.1,       0.0);         ( 369320.6,
3809754.2,     468.3,    1482.1,       0.0);
     ( 369335.2, 3809736.2,     468.4,    1482.1,       0.0);         ( 369349.8,
3809718.2,     468.6,    1482.1,       0.0);
     ( 369364.3, 3809700.2,     468.6,    1482.1,       0.0);         ( 369378.9,
3809682.2,     468.7,    1482.1,       0.0);
     ( 369393.5, 3809664.3,     468.9,    1482.1,       0.0);         ( 369408.1,
3809646.3,     470.1,    1482.1,       0.0);
     ( 369422.7, 3809628.3,     471.4,    1482.1,       0.0);         ( 369437.3,
3809610.3,     472.7,    1482.1,       0.0);
     ( 369451.9, 3809592.3,     474.6,    1482.1,       0.0);         ( 369487.6,
3809564.8,     476.8,    1482.1,       0.0);
     ( 369508.7, 3809555.4,     478.7,    1482.1,       0.0);         ( 369529.9,
3809545.9,     480.6,    1482.1,       0.0);
     ( 369551.0, 3809536.4,     482.8,    1482.1,       0.0);         ( 369572.1,
3809526.9,     489.9,    1482.1,       0.0);
     ( 369593.3, 3809517.4,     494.3,    1482.1,       0.0);         ( 369614.4,
3809508.0,     495.5,    1482.1,       0.0);
     ( 369635.5, 3809498.5,     501.1,    1482.1,       0.0);         ( 369656.6,
3809489.0,     509.0,    1482.1,       0.0);
     ( 369677.8, 3809479.5,     516.2,    1482.1,       0.0);         ( 369698.9,
3809470.0,     514.0,    1482.1,       0.0);
     ( 369291.4, 3809790.2,     468.0,    1482.1,       0.0);         ( 369281.2,
3809811.3,     467.7,    1482.1,       0.0);
     ( 369775.2, 3810088.7,     475.1,    1482.1,       0.0);         ( 369752.7,
3810077.9,     474.4,    1482.1,       0.0);
     ( 369759.5, 3810117.8,     474.2,    1482.1,       0.0);         ( 369736.0,
3810126.6,     473.9,    1482.1,       0.0);
     ( 369635.7, 3810121.8,     473.4,    1482.1,       0.0);         ( 369642.4,
3810161.7,     472.0,    1482.1,       0.0);
     ( 369542.1, 3810155.1,     470.1,    1482.1,       0.0);         ( 369544.0,
3810112.3,     469.5,    1482.1,       0.0);
     ( 369545.9, 3810069.5,     471.2,    1482.1,       0.0);         ( 369548.8,
3810196.8,     470.5,    1482.1,       0.0);
     ( 369448.5, 3810190.7,     469.5,    1482.1,       0.0);         ( 369450.3,
3810148.9,     469.5,    1482.1,       0.0);
     ( 369452.2, 3810107.1,     470.3,    1482.1,       0.0);         ( 369454.1,
3810065.2,     468.7,    1482.1,       0.0);
     ( 369455.2, 3810231.9,     469.6,    1482.1,       0.0);         ( 369354.8,
3810226.1,     474.0,    1482.1,       0.0);
     ( 369356.7, 3810184.8,     469.1,    1482.1,       0.0);         ( 369358.5,
3810143.6,     468.7,    1482.1,       0.0);
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(369360.3, 3810102.3, 468.4, 1482.1, 0.0); (369362.2, 3810061.0, 468.4, 1482.1, 0.0);
(369364.0, 3810019.7, 467.9, 1482.1, 0.0); (369365.9, 3809978.4, 469.0, 1482.1, 0.0);
(369367.7, 3809937.2, 469.0, 1482.1, 0.0); (369369.5, 3809895.9, 468.6, 1482.1, 0.0);
(369361.5, 3810267.1, 478.7, 1482.1, 0.0); (369261.2, 3810260.5, 475.7, 1482.1, 0.0);
(369263.1, 3810217.7, 478.6, 1482.1, 0.0); (369265.0, 3810174.9, 481.8, 1482.1, 0.0);
(369267.0, 3810132.2, 480.7, 1482.1, 0.0); (369268.9, 3810089.4, 479.6, 1482.1, 0.0);
(369270.8, 3810046.6, 470.0, 1482.1, 0.0); (369272.7, 3810003.8, 466.7, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369274.6, 3809961.0, 466.9, 1482.1, 0.0); (369276.5, 3809918.3, 466.8, 1482.1, 0.0);
(369278.4, 3809875.5, 468.0, 1482.1, 0.0); (369267.9, 3810302.2, 477.4, 1482.1, 0.0);
(369835.8, 3810124.8, 474.8, 1482.1, 0.0); (369855.3, 3810137.1, 475.2, 1482.1, 0.0);
(369792.9, 3810121.4, 475.1, 1482.1, 0.0); (369822.5, 3810146.0, 474.0, 1482.1, 0.0);
(369841.9, 3810158.3, 474.0, 1482.1, 0.0); (369779.6, 3810142.5, 474.5, 1482.1, 0.0);
(369809.1, 3810167.1, 473.5, 1482.1, 0.0); (369828.6, 3810179.4, 473.1, 1482.1, 0.0);
(369762.9, 3810159.5, 473.7, 1482.1, 0.0); (369795.8, 3810188.3, 473.0, 1482.1, 0.0);
(369815.3, 3810200.6, 472.8, 1482.1, 0.0); (369709.6, 3810244.1, 471.5, 1482.1, 0.0);
(369682.7, 3810211.1, 470.9, 1482.1, 0.0); (369742.5, 3810272.9, 471.9, 1482.1, 0.0);
(369761.9, 3810285.1, 472.0, 1482.1, 0.0); (369656.2, 3810328.7, 472.4, 1482.1, 0.0);
(369629.4, 3810295.7, 472.0, 1482.1, 0.0); (369602.5, 3810262.8, 471.4, 1482.1, 0.0);
(369575.7, 3810229.8, 470.6, 1482.1, 0.0); (369689.1, 3810357.5, 473.6, 1482.1, 0.0);

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     ( 369708.6, 3810369.7,     474.2,    1482.1,       0.0);         ( 369602.9,
3810413.3,     476.7,    1482.1,       0.0);
     ( 369576.0, 3810380.3,     474.0,    1482.1,       0.0);         ( 369549.2,
3810347.3,     472.6,    1482.1,       0.0);
     ( 369522.3, 3810314.4,     472.1,    1482.1,       0.0);         ( 369495.5,
3810281.4,     471.1,    1482.1,       0.0);
     ( 369635.8, 3810442.1,     476.9,    1482.1,       0.0);         ( 369655.3,
3810454.3,     479.1,    1482.1,       0.0);
     ( 369548.6, 3810496.7,     494.9,    1482.1,       0.0);         ( 369534.2,
3810479.0,     491.2,    1482.1,       0.0);
     ( 369519.8, 3810461.4,     488.7,    1482.1,       0.0);         ( 369505.4,
3810443.7,     485.6,    1482.1,       0.0);
     ( 369491.0, 3810426.0,     486.0,    1482.1,       0.0);         ( 369476.7,
3810408.4,     481.9,    1482.1,       0.0);
     ( 369462.3, 3810390.7,     477.7,    1482.1,       0.0);         ( 369447.9,
3810373.1,     478.2,    1482.1,       0.0);
     ( 369433.5, 3810355.4,     477.6,    1482.1,       0.0);         ( 369419.1,
3810337.7,     477.3,    1482.1,       0.0);
     ( 369404.7, 3810320.1,     479.6,    1482.1,       0.0);         ( 369390.3,
3810302.4,     478.6,    1482.1,       0.0);
     ( 369375.9, 3810284.7,     475.5,    1482.1,       0.0);         ( 369563.0,
3810514.4,     502.6,    1482.1,       0.0);
     ( 369582.5, 3810526.6,     501.9,    1482.1,       0.0);         ( 369601.9,
3810538.9,     501.2,    1482.1,       0.0);
     ( 369495.5, 3810581.5,     532.8,     534.8,       0.0);         ( 369481.2,
3810564.0,     530.7,    1385.3,       0.0);
     ( 369467.0, 3810546.6,     526.9,    1481.8,       0.0);         ( 369438.6,
3810511.7,     521.7,    1482.1,       0.0);
     ( 369424.3, 3810494.2,     516.5,    1482.1,       0.0);         ( 369410.1,
3810476.8,     508.9,    1482.1,       0.0);
     ( 369395.9, 3810459.3,     503.4,    1482.1,       0.0);         ( 369381.7,
3810441.8,     493.3,    1482.1,       0.0);
     ( 369353.2, 3810406.9,     485.0,    1482.1,       0.0);         ( 369339.0,
3810389.5,     483.6,    1482.1,       0.0);
     ( 369324.8, 3810372.0,     481.7,    1482.1,       0.0);         ( 369310.6,
3810354.6,     481.3,    1482.1,       0.0);
     ( 369296.4, 3810337.1,     480.9,    1482.1,       0.0);         ( 369509.7,
3810599.0,     529.9,    1459.2,       0.0);
     ( 369529.1, 3810611.2,     519.9,    1482.1,       0.0);         ( 369548.6,
3810623.5,     517.8,    1482.1,       0.0);
     ( 369674.6, 3810067.5,     472.7,    1482.1,       0.0);         ( 369577.6,
3810043.2,     471.5,    1482.1,       0.0);
     ( 369480.5, 3810019.0,     470.4,    1482.1,       0.0);         ( 369383.5,
3809994.7,     469.2,    1482.1,       0.0);
     ( 369865.2, 3810163.2,     475.6,    1482.1,       0.0);         ( 369851.6,
3810184.2,     474.1,    1482.1,       0.0);
     ( 369838.0, 3810205.2,     473.1,    1482.1,       0.0);         ( 369824.4,
3810226.1,     472.8,    1482.1,       0.0);
     ( 369676.3, 3810175.8,     471.7,    1482.1,       0.0);         ( 369674.3,
3810145.3,     473.8,    1482.1,       0.0);
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(369672.3, 3810114.8, 473.5, 1482.1, 0.0); (369770.1, 3810310.1, 472.5, 1482.1, 0.0);
(369582.0, 3810193.1, 470.3, 1482.1, 0.0); (369579.8, 3810159.8, 469.9, 1482.1, 0.0);
(369577.7, 3810126.6, 470.8, 1482.1, 0.0); (369575.5, 3810093.4, 471.8, 1482.1, 0.0);
(369715.7, 3810394.0, 475.3, 1482.1, 0.0); (369490.1, 3810247.1, 470.2, 1482.1, 0.0);
(369488.0, 3810214.6, 470.0, 1482.1, 0.0); (369485.9, 3810182.1, 469.8, 1482.1, 0.0);
(369483.8, 3810149.6, 469.9, 1482.1, 0.0); (369481.6, 3810117.1, 469.7, 1482.1, 0.0);
(369479.5, 3810084.6, 469.0, 1482.1, 0.0); (369477.4, 3810052.1, 471.1, 1482.1, 0.0);
(369661.4, 3810478.0, 480.4, 1482.1, 0.0); (369395.9, 3810265.5, 471.0, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369393.7, 3810231.7, 469.7, 1482.1, 0.0); (369391.5, 3810197.8, 469.4, 1482.1, 0.0);
(369389.3, 3810164.0, 468.8, 1482.1, 0.0); (369387.0, 3810130.1, 468.7, 1482.1, 0.0);
(369384.8, 3810096.3, 468.7, 1482.1, 0.0); (369381.5, 3810045.5, 468.1, 1482.1, 0.0);
(369607.0, 3810561.9, 497.3, 1482.1, 0.0); (369302.9, 3810303.1, 476.0, 1482.1, 0.0);
(369300.8, 3810269.9, 476.2, 1482.1, 0.0); (369298.6, 3810236.7, 478.1, 1482.1, 0.0);
(369296.4, 3810203.4, 481.8, 1482.1, 0.0); (369294.2, 3810170.2, 481.9, 1482.1, 0.0);
(369292.1, 3810136.9, 477.5, 1482.1, 0.0); (369289.9, 3810103.7, 473.0, 1482.1, 0.0);
(369287.7, 3810070.5, 470.5, 1482.1, 0.0); (369552.7, 3810645.9, 523.6, 1482.1, 0.0);
(369879.1, 3810188.2, 474.8, 1482.1, 0.0); (369887.5, 3810212.3, 473.6, 1482.1, 0.0);
(369862.8, 3810208.8, 473.2, 1482.1, 0.0); (369893.2, 3810236.1, 473.7, 1482.1, 0.0);
(369865.7, 3810232.1, 473.4, 1482.1, 0.0); (369921.4, 3810332.1, 473.9, 1482.1, 0.0);

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     ( 369893.9, 3810328.1,     473.3,    1482.1,       0.0);         ( 369866.4,
3810324.1,     472.5,    1482.1,       0.0);
     ( 369838.8, 3810320.1,     472.4,    1482.1,       0.0);         ( 369811.3,
3810316.1,     472.6,    1482.1,       0.0);
     ( 369949.6, 3810329.8,     474.8,    1482.1,       0.0);         ( 369948.8,
3810427.9,     476.5,    1482.1,       0.0);
     ( 369919.7, 3810423.7,     476.6,    1482.1,       0.0);         ( 369890.5,
3810419.4,     476.4,    1482.1,       0.0);
     ( 369861.4, 3810415.2,     476.1,    1482.1,       0.0);         ( 369832.3,
3810411.0,     475.8,    1482.1,       0.0);
     ( 369803.1, 3810406.7,     475.7,    1482.1,       0.0);         ( 369774.0,
3810402.5,     475.8,    1482.1,       0.0);
     ( 369744.8, 3810398.3,     475.6,    1482.1,       0.0);         ( 369977.8,
3810425.8,     476.4,    1482.1,       0.0);
     ( 369977.2, 3810523.9,     478.9,    1482.1,       0.0);         ( 369948.5,
3810519.7,     480.6,    1482.1,       0.0);
     ( 369919.8, 3810515.5,     481.8,    1482.1,       0.0);         ( 369891.1,
3810511.3,     482.1,    1482.1,       0.0);
     ( 369862.4, 3810507.2,     481.8,    1482.1,       0.0);         ( 369833.7,
3810503.0,     481.5,    1482.1,       0.0);
     ( 369804.9, 3810498.8,     481.1,    1482.1,       0.0);         ( 369776.2,
3810494.7,     480.4,    1482.1,       0.0);
     ( 369747.5, 3810490.5,     479.9,    1482.1,       0.0);         ( 369718.8,
3810486.3,     480.1,    1482.1,       0.0);
     ( 369690.1, 3810482.1,     480.3,    1482.1,       0.0);         ( 370006.0,
3810521.7,     480.7,    1482.1,       0.0);
     ( 370005.1, 3810619.8,     479.9,    1482.1,       0.0);         ( 369975.6,
3810615.5,     478.4,    1482.1,       0.0);
     ( 369946.1, 3810611.2,     479.1,    1482.1,       0.0);         ( 369916.6,
3810606.9,     481.6,    1482.1,       0.0);
     ( 369887.1, 3810602.6,     481.5,    1482.1,       0.0);         ( 369857.6,
3810598.3,     481.0,    1482.1,       0.0);
     ( 369828.1, 3810594.0,     481.5,    1482.1,       0.0);         ( 369798.7,
3810589.8,     482.4,    1482.1,       0.0);
     ( 369769.2, 3810585.5,     479.8,    1482.1,       0.0);         ( 369739.7,
3810581.2,     479.7,    1482.1,       0.0);
     ( 369710.2, 3810576.9,     480.2,    1482.1,       0.0);         ( 369680.7,
3810572.6,     482.7,    1482.1,       0.0);
     ( 369651.2, 3810568.3,     485.4,    1482.1,       0.0);         ( 370034.2,
3810617.7,     480.5,    1482.1,       0.0);
     ( 370033.5, 3810715.7,     482.8,    1482.1,       0.0);         ( 370004.3,
3810711.5,     482.7,    1482.1,       0.0);
     ( 369975.2, 3810707.2,     481.9,    1482.1,       0.0);         ( 369946.0,
3810703.0,     482.9,    1482.1,       0.0);
     ( 369916.9, 3810698.8,     486.4,    1482.1,       0.0);         ( 369887.8,
3810694.5,     487.2,    1482.1,       0.0);
     ( 369858.6, 3810690.3,     492.4,    1482.1,       0.0);         ( 369829.5,
3810686.1,     495.2,    1482.1,       0.0);
     ( 369800.3, 3810681.8,     487.3,    1482.1,       0.0);         ( 369771.2,
3810677.6,     483.2,    1482.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369987.3, 3810239.7, 474.5, 1482.1, 0.0); (370011.0,
3810245.1, 474.4, 1482.1, 0.0);
(370034.6, 3810250.5, 474.5, 1482.1, 0.0); (370058.3,
3810255.9, 474.9, 1482.1, 0.0);
(370005.4, 3810269.5, 474.5, 1482.1, 0.0); (370029.1,
3810274.9, 474.8, 1482.1, 0.0);
(370052.8, 3810280.3, 474.9, 1482.1, 0.0); (369935.7,
3810356.1, 473.9, 1482.1, 0.0);
(369959.4, 3810361.5, 474.0, 1482.1, 0.0); (369983.1,
3810366.9, 474.2, 1482.1, 0.0);
(370006.8, 3810372.4, 474.4, 1482.1, 0.0); (369871.1,
3810442.0, 476.3, 1482.1, 0.0);
(369913.4, 3810453.6, 476.8, 1482.1, 0.0); (369937.1,
3810459.0, 477.9, 1482.1, 0.0);
(369960.8, 3810464.4, 477.9, 1482.1, 0.0); (369984.5,
3810469.8, 479.5, 1482.1, 0.0);
(370008.2, 3810475.3, 481.6, 1482.1, 0.0); (369848.8,
3810539.4, 477.1, 1482.1, 0.0);
(369891.1, 3810551.1, 477.7, 1482.1, 0.0); (369914.8,
3810556.5, 478.9, 1482.1, 0.0);

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     ( 369938.5, 3810561.9,     478.5,    1482.1,       0.0);         ( 369962.2,
3810567.3,     477.9,    1482.1,       0.0);
     ( 369985.9, 3810572.8,     478.1,    1482.1,       0.0);         ( 369826.5,
3810636.9,     482.4,    1482.1,       0.0);
     ( 369789.3, 3810624.5,     482.1,    1482.1,       0.0);         ( 369868.9,
3810648.6,     484.7,    1482.1,       0.0);
     ( 369892.5, 3810654.0,     484.8,    1482.1,       0.0);         ( 369916.2,
3810659.4,     484.6,    1482.1,       0.0);
     ( 369939.9, 3810664.8,     481.6,    1482.1,       0.0);         ( 369963.6,
3810670.2,     480.5,    1482.1,       0.0);
     ( 369800.5, 3810733.2,     496.1,    1482.1,       0.0);         ( 369778.2,
3810725.7,     489.5,    1482.1,       0.0);
     ( 369755.9, 3810718.2,     489.0,    1482.1,       0.0);         ( 369733.5,
3810710.7,     496.3,    1482.1,       0.0);
     ( 369822.9, 3810740.6,     505.8,    1482.1,       0.0);         ( 369846.6,
3810746.1,     503.9,    1482.1,       0.0);
     ( 369870.3, 3810751.5,     491.5,    1482.1,       0.0);         ( 369894.0,
3810756.9,     489.2,    1482.1,       0.0);
     ( 369917.6, 3810762.3,     489.0,    1482.1,       0.0);         ( 369941.3,
3810767.7,     489.1,    1482.1,       0.0);
     ( 370097.2, 3810203.4,     481.2,    1482.1,       0.0);         ( 370086.3,
3810231.5,     475.5,    1482.1,       0.0);
     ( 370119.3, 3810223.9,     476.6,    1482.1,       0.0);         ( 370108.4,
3810252.1,     475.4,    1482.1,       0.0);
     ( 370136.5, 3810373.9,     475.6,    1482.1,       0.0);         ( 370125.8,
3810475.1,     482.9,    1482.1,       0.0);
     ( 370092.2, 3810475.2,     482.4,    1482.1,       0.0);         ( 370058.6,
3810475.2,     482.1,    1482.1,       0.0);
     ( 370148.8, 3810572.6,     479.7,    1482.1,       0.0);         ( 370116.2,
3810572.6,     479.4,    1482.1,       0.0);
     ( 370083.6, 3810572.6,     479.5,    1482.1,       0.0);         ( 370051.0,
3810572.7,     479.9,    1482.1,       0.0);
     ( 370018.5, 3810572.7,     479.9,    1482.1,       0.0);         ( 370181.5,
3810568.7,     479.8,    1482.1,       0.0);
     ( 370171.5, 3810670.0,     484.0,    1482.1,       0.0);         ( 370139.6,
3810670.0,     483.9,    1482.1,       0.0);
     ( 370107.6, 3810670.1,     483.7,    1482.1,       0.0);         ( 370075.6,
3810670.1,     482.3,    1482.1,       0.0);
     ( 370043.6, 3810670.1,     481.7,    1482.1,       0.0);         ( 370011.6,
3810670.2,     481.7,    1482.1,       0.0);
     ( 370204.0, 3810666.2,     484.1,    1482.1,       0.0);         ( 370193.2,
3810767.4,     493.0,    1482.1,       0.0);
     ( 370159.7, 3810767.5,     500.4,    1482.1,       0.0);         ( 370126.1,
3810767.5,     498.8,    1482.1,       0.0);
     ( 370092.5, 3810767.6,     492.2,    1482.1,       0.0);         ( 370058.9,
3810767.6,     485.5,    1482.1,       0.0);
     ( 370025.3, 3810767.6,     485.5,    1482.1,       0.0);         ( 369991.7,
3810767.7,     484.7,    1482.1,       0.0);
     ( 370226.5, 3810763.6,     488.9,    1482.1,       0.0);         ( 369890.0,
3810626.2,     483.3,    1482.1,       0.0);
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(369840.9, 3810713.3, 502.6, 1482.1, 0.0); (370144.5, 3810239.5, 475.7, 1482.1, 0.0);
(370132.2, 3810261.3, 475.8, 1482.1, 0.0); (370171.6, 3810285.3, 475.9, 1482.1, 0.0);
(370172.5, 3810386.9, 476.1, 1482.1, 0.0); (370174.2, 3810482.4, 483.3, 1482.1, 0.0);
(370038.8, 3810460.2, 479.5, 1482.1, 0.0); (370209.0, 3810481.8, 483.6, 1482.1, 0.0);
(370006.7, 3810550.1, 478.2, 1482.1, 0.0); (369955.9, 3810541.8, 477.7, 1482.1, 0.0);
(370209.9, 3810583.4, 480.1, 1482.1, 0.0); (370245.4, 3810576.6, 480.5, 1482.1, 0.0);
(370032.5, 3810649.5, 481.4, 1482.1, 0.0); (369996.9, 3810643.7, 480.0, 1482.1, 0.0);
(369961.2, 3810637.9, 479.3, 1482.1, 0.0); (369925.6, 3810632.0, 482.6, 1482.1, 0.0);
(370228.5, 3810681.6, 484.2, 1482.1, 0.0); (370264.1, 3810674.8, 484.3, 1482.1, 0.0);
(370035.2, 3810745.1, 483.7, 1482.1, 0.0); (369999.9, 3810739.4, 483.4, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369964.6, 3810733.6, 483.4, 1482.1, 0.0); (369929.2, 3810727.8, 486.2, 1482.1, 0.0);
(369893.9, 3810722.0, 488.3, 1482.1, 0.0); (370247.2, 3810779.8, 488.3, 1482.1, 0.0);
(370282.8, 3810773.1, 487.8, 1482.1, 0.0); (370197.7, 3810206.9, 478.0, 1482.1, 0.0);
(370201.0, 3810256.8, 476.2, 1482.1, 0.0); (370202.7, 3810281.7, 476.5, 1482.1, 0.0);
(370196.7, 3810382.4, 476.2, 1482.1, 0.0); (370210.8, 3810782.3, 489.8, 1482.1, 0.0);
(370233.3, 3810215.2, 479.8, 1482.1, 0.0); (370261.3, 3810183.9, 489.7, 1482.1, 0.0);
(370266.0, 3810216.2, 479.1, 1482.1, 0.0); (370284.6, 3810232.9, 476.4, 1482.1, 0.0);
(370328.3, 3810323.4, 479.2, 1482.1, 0.0); (370294.3, 3810340.0, 477.8, 1482.1, 0.0);
(370401.4, 3810390.7, 481.1, 1482.1, 0.0); (370327.3, 3810426.9, 481.4, 1482.1, 0.0);

```
     ( 370290.2, 3810445.1,     483.3,    1482.1,       0.0);         ( 370433.9,
3810366.0,     480.3,    1482.1,       0.0);
     ( 370458.3, 3810465.9,     485.9,    1482.1,       0.0);         ( 370422.1,
3810483.6,     485.0,    1482.1,       0.0);
     ( 370385.8, 3810501.4,     482.4,    1482.1,       0.0);         ( 370331.5,
3810527.9,     480.4,    1482.1,       0.0);
     ( 370295.2, 3810545.6,     480.5,    1482.1,       0.0);         ( 370522.5,
3810416.9,     481.8,    1482.1,       0.0);
     ( 370551.3, 3810523.5,     485.0,    1482.1,       0.0);         ( 370497.6,
3810549.8,     485.9,    1482.1,       0.0);
     ( 370461.9, 3810567.2,     485.4,    1482.1,       0.0);         ( 370426.1,
3810584.7,     484.9,    1482.1,       0.0);
     ( 370390.4, 3810602.2,     484.3,    1482.1,       0.0);         ( 370354.6,
3810619.7,     482.4,    1482.1,       0.0);
     ( 370318.8, 3810637.1,     482.5,    1482.1,       0.0);         ( 370283.1,
3810654.6,     483.9,    1482.1,       0.0);
     ( 370583.1, 3810499.1,     487.1,    1482.1,       0.0);         ( 370625.3,
3810590.4,     487.9,    1482.1,       0.0);
     ( 370588.2, 3810608.5,     489.7,    1482.1,       0.0);         ( 370551.1,
3810626.6,     492.4,    1482.1,       0.0);
     ( 370514.1, 3810644.8,     488.6,    1482.1,       0.0);         ( 370477.0,
3810662.9,     486.5,    1482.1,       0.0);
     ( 370440.0, 3810681.0,     486.7,    1482.1,       0.0);         ( 370402.9,
3810699.1,     487.1,    1482.1,       0.0);
     ( 370365.8, 3810717.2,     487.2,    1482.1,       0.0);         ( 370328.8,
3810735.3,     486.3,    1482.1,       0.0);
     ( 370657.8, 3810565.7,     488.9,    1482.1,       0.0);         ( 370310.1,
3810228.2,     477.2,    1482.1,       0.0);
     ( 370352.1, 3810424.7,     481.3,    1482.1,       0.0);         ( 370419.7,
3810508.1,     482.2,    1482.1,       0.0);
     ( 370412.8, 3810615.3,     485.9,    1482.1,       0.0);         ( 370450.0,
3810603.4,     485.8,    1482.1,       0.0);
     ( 370405.9, 3810722.4,     487.6,    1482.1,       0.0);         ( 370443.1,
3810710.6,     488.0,    1482.1,       0.0);
     ( 370480.3, 3810698.7,     487.6,    1482.1,       0.0);         ( 370315.6,
3810145.1,     480.6,    1482.1,       0.0);
     ( 370332.8, 3810163.3,     478.9,    1482.1,       0.0);         ( 370365.2,
3810167.1,     478.6,    1482.1,       0.0);
     ( 370420.4, 3810281.4,     479.5,    1482.1,       0.0);         ( 370471.6,
3810364.4,     480.8,    1482.1,       0.0);
     ( 370556.1, 3810427.8,     482.0,    1482.1,       0.0);         ( 370487.9,
3810467.9,     486.4,    1482.1,       0.0);
     ( 370588.4, 3810403.3,     482.4,    1482.1,       0.0);         ( 370624.4,
3810500.7,     488.1,    1482.1,       0.0);
     ( 370589.5, 3810521.2,     486.1,    1482.1,       0.0);         ( 370502.3,
3810572.6,     486.6,    1482.1,       0.0);
     ( 370657.0, 3810476.0,     489.2,    1482.1,       0.0);         ( 370692.8,
3810573.5,     489.7,    1482.1,       0.0);
     ( 370657.4, 3810594.4,     488.1,    1482.1,       0.0);         ( 370622.0,
3810615.3,     490.6,    1482.1,       0.0);
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(370586.6, 3810636.1, 492.5, 1482.1, 0.0); (370551.1, 3810657.0, 491.8, 1482.1, 0.0);
(370515.7, 3810677.9, 488.4, 1482.1, 0.0); (370725.7, 3810548.7, 490.4, 1482.1, 0.0);
(370339.7, 3810134.9, 480.4, 1482.1, 0.0); (370363.1, 3810132.4, 480.4, 1482.1, 0.0);
(370389.1, 3810154.7, 479.3, 1482.1, 0.0); (370391.8, 3810179.5, 478.3, 1482.1, 0.0);
(370415.2, 3810177.0, 478.4, 1482.1, 0.0); (370438.5, 3810174.4, 478.8, 1482.1, 0.0);
(370417.9, 3810201.8, 478.1, 1482.1, 0.0); (370441.2, 3810199.3, 478.4, 1482.1, 0.0);
(370405.3, 3810303.8, 479.2, 1482.1, 0.0); (370452.0, 3810298.7, 479.7, 1482.1, 0.0);
(370439.5, 3810400.7, 480.7, 1482.1, 0.0); (370462.8, 3810398.1, 481.2, 1482.1, 0.0);
(370450.3, 3810500.1, 483.2, 1482.1, 0.0); (370473.6, 3810497.5, 483.8, 1482.1, 0.0);
(370484.4, 3810597.0, 487.9, 1482.1, 0.0); (370469.8, 3810120.8, 479.9, 1482.1, 0.0);
(370475.1, 3810170.5, 479.1, 1482.1, 0.0); (370477.8, 3810195.4, 479.1, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.5, 3810294.8, 479.9, 1482.1, 0.0); (370499.2, 3810394.2, 480.9, 1482.1, 0.0);
(370509.9, 3810493.6, 485.0, 1482.1, 0.0); (370520.6, 3810593.1, 486.8, 1482.1, 0.0);
(370549.6, 3810690.5, 491.3, 1482.1, 0.0); (370336.4, 3810228.2, 477.6, 1482.1, 0.0);
(370169.7, 3810339.6, 476.2, 1482.1, 0.0); (370090.8, 3810401.0, 476.2, 1482.1, 0.0);
(370029.6, 3810485.2, 482.5, 1482.1, 0.0); (370526.9, 3810167.6, 479.7, 1482.1, 0.0);
(370500.7, 3810191.8, 479.5, 1482.1, 0.0); (370526.0, 3810192.6, 479.6, 1482.1, 0.0);
(370499.8, 3810216.8, 479.3, 1482.1, 0.0); (370525.2, 3810217.6, 479.2, 1482.1, 0.0);
(370399.3, 3810267.1, 479.3, 1482.1, 0.0); (370377.7, 3810256.1, 478.7, 1482.1, 0.0);

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    ( 370356.1, 3810245.1,     478.4,    1482.1,       0.0);         ( 370496.5,
3810316.7,     480.0,    1482.1,       0.0);
    ( 370521.9, 3810317.5,     480.4,    1482.1,       0.0);         ( 370482.3,
3810411.1,     481.0,    1482.1,       0.0);
    ( 370396.0, 3810367.1,     480.4,    1482.1,       0.0);         ( 370374.4,
3810356.1,     479.5,    1482.1,       0.0);
    ( 370352.8, 3810345.1,     479.3,    1482.1,       0.0);         ( 370277.2,
3810306.5,     477.0,    1482.1,       0.0);
    ( 370400.2, 3810470.9,     485.8,    1482.1,       0.0);         ( 370377.8,
3810459.5,     485.1,    1482.1,       0.0);
    ( 370355.4, 3810448.1,     484.7,    1482.1,       0.0);         ( 370299.4,
3810419.5,     479.9,    1482.1,       0.0);
    ( 370277.0, 3810408.1,     478.7,    1482.1,       0.0);         ( 370489.8,
3810516.6,     484.1,    1482.1,       0.0);
    ( 370397.5, 3810571.2,     484.1,    1482.1,       0.0);         ( 370375.3,
3810559.9,     482.9,    1482.1,       0.0);
    ( 370353.1, 3810548.5,     481.9,    1482.1,       0.0);         ( 370308.6,
3810525.8,     480.0,    1482.1,       0.0);
    ( 370286.4, 3810514.5,     479.7,    1482.1,       0.0);         ( 370253.0,
3810497.5,     481.4,    1482.1,       0.0);
    ( 370499.1, 3810616.9,     487.4,    1482.1,       0.0);         ( 370394.6,
3810671.4,     486.3,    1482.1,       0.0);
    ( 370372.5, 3810660.1,     485.7,    1482.1,       0.0);         ( 370350.4,
3810648.8,     484.4,    1482.1,       0.0);
    ( 370295.1, 3810620.6,     482.1,    1482.1,       0.0);         ( 370273.0,
3810609.3,     481.8,    1482.1,       0.0);
    ( 370162.3, 3810552.9,     479.1,    1482.1,       0.0);         ( 370140.2,
3810541.6,     478.4,    1482.1,       0.0);
    ( 370118.1, 3810530.4,     478.9,    1482.1,       0.0);         ( 370096.0,
3810519.1,     479.9,    1482.1,       0.0);
    ( 370073.9, 3810507.8,     481.1,    1482.1,       0.0);         ( 370495.8,
3810716.9,     488.6,    1482.1,       0.0);
    ( 370547.9, 3810133.5,     479.6,    1482.1,       0.0);         ( 370567.3,
3810109.8,     480.1,    1482.1,       0.0);
    ( 370586.7, 3810125.7,     480.4,    1482.1,       0.0);         ( 370548.3,
3810188.2,     479.7,    1482.1,       0.0);
    ( 370593.8, 3810190.3,     480.3,    1482.1,       0.0);         ( 370554.9,
3810211.7,     479.4,    1482.1,       0.0);
    ( 370671.1, 3810253.8,     481.9,    1482.1,       0.0);         ( 370635.0,
3810281.5,     481.1,    1482.1,       0.0);
    ( 370596.1, 3810302.8,     480.9,    1482.1,       0.0);         ( 370566.4,
3810308.7,     480.8,    1482.1,       0.0);
    ( 370692.8, 3810232.8,     482.3,    1482.1,       0.0);         ( 370748.4,
3810317.3,     483.2,    1482.1,       0.0);
    ( 370724.3, 3810335.7,     482.6,    1482.1,       0.0);         ( 370700.3,
3810354.1,     482.4,    1482.1,       0.0);
    ( 370676.2, 3810372.6,     482.7,    1482.1,       0.0);         ( 370637.3,
3810393.9,     482.7,    1482.1,       0.0);
    ( 370770.1, 3810296.2,     483.3,    1482.1,       0.0);         ( 370825.6,
3810380.8,     483.4,    1482.1,       0.0);
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     ( 370801.6, 3810399.2,     483.0,    1482.1,       0.0);         ( 370777.5,
3810417.6,     485.7,    1482.1,       0.0);
     ( 370753.5, 3810436.0,     486.3,    1482.1,       0.0);         ( 370729.5,
3810454.5,     486.6,    1482.1,       0.0);
     ( 370705.4, 3810472.9,     489.1,    1482.1,       0.0);         ( 370678.6,
3810485.0,     489.6,    1482.1,       0.0);
     ( 370530.0, 3810514.5,     484.7,    1482.1,       0.0);         ( 370847.4,
3810359.7,     483.8,    1482.1,       0.0);
     ( 370902.9, 3810444.2,     484.4,    1482.1,       0.0);         ( 370878.9,
3810462.7,     485.5,    1482.1,       0.0);
     ( 370854.8, 3810481.1,     489.7,    1482.1,       0.0);         ( 370830.8,
3810499.5,     493.1,    1482.1,       0.0);
     ( 370806.8, 3810517.9,     492.3,    1482.1,       0.0);         ( 370782.7,
3810536.4,     491.5,    1482.1,       0.0);
     ( 370758.7, 3810554.8,     490.5,    1482.1,       0.0);         ( 370719.8,
3810576.2,     490.9,    1482.1,       0.0);
     ( 370924.6, 3810423.2,     484.4,    1482.1,       0.0);         ( 370980.2,
3810507.7,     488.2,    1482.1,       0.0);
     ( 370956.1, 3810526.1,     493.0,    1482.1,       0.0);         ( 370932.1,
3810544.6,     495.2,    1482.1,       0.0);
     ( 370908.1, 3810563.0,     495.2,    1482.1,       0.0);         ( 370884.0,
3810581.4,     496.7,    1482.1,       0.0);
     ( 370860.0, 3810599.8,     496.4,    1482.1,       0.0);         ( 370836.0,
3810618.3,     494.9,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 370811.9, 3810636.7,     493.4,    1482.1,       0.0);         ( 370787.9,
3810655.1,     492.8,    1482.1,       0.0);
     ( 370761.0, 3810667.3,     492.2,    1482.1,       0.0);         ( 370731.3,
3810673.2,     492.8,    1482.1,       0.0);
     ( 370701.6, 3810679.0,     491.5,    1482.1,       0.0);         ( 370671.9,
3810684.9,     491.1,    1482.1,       0.0);
     ( 370642.2, 3810690.8,     492.8,    1482.1,       0.0);         ( 370612.5,
3810696.7,     492.7,    1482.1,       0.0);
     ( 370582.8, 3810702.6,     492.5,    1482.1,       0.0);         ( 370538.2,
3810711.4,     489.9,    1482.1,       0.0);
     ( 371001.9, 3810486.7,     486.2,    1482.1,       0.0);         ( 370553.8,
3810393.9,     481.4,    1482.1,       0.0);
     ( 370555.8, 3810493.9,     486.2,    1482.1,       0.0);         ( 370557.7,
3810593.9,     486.8,    1482.1,       0.0);
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     ( 370620.5, 3810108.0,     480.8,    1482.1,       0.0);         ( 370657.8,
3810092.0,     481.1,    1482.1,       0.0);
     ( 370630.5, 3810131.0,     480.8,    1482.1,       0.0);         ( 370667.7,
3810114.9,     481.4,    1482.1,       0.0);
     ( 370659.0, 3810145.9,     481.6,    1482.1,       0.0);         ( 370696.2,
3810129.8,     481.6,    1482.1,       0.0);
     ( 370631.7, 3810184.9,     480.0,    1482.1,       0.0);         ( 370668.9,
3810168.8,     481.2,    1482.1,       0.0);
     ( 370706.1, 3810152.8,     482.0,    1482.1,       0.0);         ( 370671.3,
3810276.7,     481.9,    1482.1,       0.0);
     ( 370708.5, 3810260.7,     482.4,    1482.1,       0.0);         ( 370745.8,
3810244.6,     482.8,    1482.1,       0.0);
     ( 370729.6, 3810360.5,     482.2,    1482.1,       0.0);         ( 370766.8,
3810344.4,     483.0,    1482.1,       0.0);
     ( 370769.2, 3810452.3,     488.4,    1482.1,       0.0);         ( 370806.4,
3810436.2,     486.3,    1482.1,       0.0);
     ( 370808.8, 3810544.1,     492.4,    1482.1,       0.0);         ( 370846.1,
3810528.0,     493.1,    1482.1,       0.0);
     ( 370867.1, 3810627.9,     496.5,    1482.1,       0.0);         ( 370904.3,
3810611.8,     498.2,    1482.1,       0.0);
     ( 370683.3, 3810079.4,     480.9,    1482.1,       0.0);         ( 370701.6,
3810062.7,     481.9,    1482.1,       0.0);
     ( 370719.9, 3810046.1,     483.9,    1482.1,       0.0);         ( 370738.1,
3810029.4,     484.6,    1482.1,       0.0);
     ( 370756.4, 3810012.7,     485.1,    1482.1,       0.0);         ( 370774.7,
3809996.0,     486.4,    1482.1,       0.0);
     ( 370700.2, 3810097.9,     481.4,    1482.1,       0.0);         ( 370718.5,
3810081.2,     482.1,    1482.1,       0.0);
     ( 370736.7, 3810064.5,     483.7,    1482.1,       0.0);         ( 370755.0,
3810047.8,     484.4,    1482.1,       0.0);
     ( 370773.3, 3810031.1,     485.0,    1482.1,       0.0);         ( 370791.5,
3810014.5,     485.3,    1482.1,       0.0);
     ( 370717.1, 3810116.3,     481.7,    1482.1,       0.0);         ( 370735.3,
3810099.7,     481.7,    1482.1,       0.0);
     ( 370753.6, 3810083.0,     482.8,    1482.1,       0.0);         ( 370771.9,
3810066.3,     484.3,    1482.1,       0.0);
     ( 370790.1, 3810049.6,     484.9,    1482.1,       0.0);         ( 370808.4,
3810032.9,     485.4,    1482.1,       0.0);
     ( 370733.9, 3810134.8,     481.9,    1482.1,       0.0);         ( 370752.2,
3810118.1,     481.7,    1482.1,       0.0);
     ( 370770.5, 3810101.4,     481.9,    1482.1,       0.0);         ( 370788.7,
3810084.7,     483.7,    1482.1,       0.0);
     ( 370807.0, 3810068.1,     484.7,    1482.1,       0.0);         ( 370825.3,
3810051.4,     485.2,    1482.1,       0.0);
     ( 370782.8, 3810220.6,     483.3,    1482.1,       0.0);         ( 370819.6,
3810191.9,     482.5,    1482.1,       0.0);
     ( 370837.9, 3810175.3,     482.2,    1482.1,       0.0);         ( 370856.2,
3810158.6,     483.2,    1482.1,       0.0);
     ( 370874.4, 3810141.9,     484.1,    1482.1,       0.0);         ( 370892.7,
3810125.2,     484.8,    1482.1,       0.0);
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(370852.1, 3810293.2, 483.9, 1482.1, 0.0); (370818.8, 3810314.8, 484.0, 1482.1, 0.0);
(370887.1, 3810265.8, 484.5, 1482.1, 0.0); (370905.3, 3810249.1, 483.3, 1482.1, 0.0);
(370923.6, 3810232.4, 482.7, 1482.1, 0.0); (370941.9, 3810215.7, 482.8, 1482.1, 0.0);
(370960.1, 3810199.0, 484.7, 1482.1, 0.0); (370917.7, 3810368.3, 484.7, 1482.1, 0.0);
(370880.6, 3810392.2, 484.2, 1482.1, 0.0); (370843.6, 3810416.2, 483.9, 1482.1, 0.0);
(370954.5, 3810339.6, 485.2, 1482.1, 0.0); (370972.8, 3810322.9, 485.2, 1482.1, 0.0);
(370991.1, 3810306.2, 485.3, 1482.1, 0.0); (371009.3, 3810289.5, 484.5, 1482.1, 0.0);
(371027.6, 3810272.9, 483.2, 1482.1, 0.0); (370983.8, 3810443.0, 485.5, 1482.1, 0.0);
(370964.0, 3810455.8, 485.5, 1482.1, 0.0); (370944.1, 3810468.6, 485.8, 1482.1, 0.0);
(370924.3, 3810481.5, 486.2, 1482.1, 0.0); (370904.4, 3810494.3, 488.4, 1482.1, 0.0);
(370884.5, 3810507.2, 491.8, 1482.1, 0.0); (371003.7, 3810430.1, 485.4, 1482.1, 0.0);
(371022.0, 3810413.4, 485.2, 1482.1, 0.0); (371040.2, 3810396.8, 485.8, 1482.1, 0.0);
(371058.5, 3810380.1, 486.4, 1482.1, 0.0); (371076.8, 3810363.4, 486.5, 1482.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371095.0, 3810346.7, 486.5, 1482.1, 0.0); (371052.6, 3810515.9, 487.7, 1482.1, 0.0);
(371015.5, 3810539.9, 491.8, 1482.1, 0.0); (370978.5, 3810563.9, 496.7, 1482.1, 0.0);
(370941.4, 3810587.8, 499.2, 1482.1, 0.0); (371089.4, 3810487.3, 486.3, 1482.1, 0.0);
(371107.7, 3810470.6, 486.5, 1482.1, 0.0); (371126.0, 3810453.9, 486.9, 1482.1, 0.0);
(371144.2, 3810437.2, 486.4, 1482.1, 0.0); (371162.5, 3810420.5, 485.4, 1482.1, 0.0);
(370823.6, 3810014.7, 485.6, 1482.1, 0.0); (370847.0, 3810018.9, 486.0, 1482.1, 0.0);

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     ( 370870.4, 3810023.1,     487.9,    1482.1,       0.0);         ( 370893.8,
3810027.3,     488.4,    1482.1,       0.0);
     ( 370917.2, 3810031.4,     489.9,    1482.1,       0.0);         ( 370940.7,
3810035.6,     494.6,    1482.1,       0.0);
     ( 370964.1, 3810039.8,     493.0,    1482.1,       0.0);         ( 370987.5,
3810044.0,     490.2,    1482.1,       0.0);
     ( 371010.9, 3810048.2,     491.6,    1482.1,       0.0);         ( 370866.0,
3810047.7,     485.4,    1482.1,       0.0);
     ( 370889.5, 3810051.9,     485.5,    1482.1,       0.0);         ( 370912.9,
3810056.0,     486.2,    1482.1,       0.0);
     ( 370936.3, 3810060.2,     488.6,    1482.1,       0.0);         ( 370959.7,
3810064.4,     492.2,    1482.1,       0.0);
     ( 370983.1, 3810068.6,     495.2,    1482.1,       0.0);         ( 371006.5,
3810072.8,     493.8,    1482.1,       0.0);
     ( 370861.6, 3810072.3,     484.9,    1482.1,       0.0);         ( 370885.0,
3810076.5,     484.9,    1482.1,       0.0);
     ( 370908.5, 3810080.7,     485.1,    1482.1,       0.0);         ( 370931.9,
3810084.8,     485.4,    1482.1,       0.0);
     ( 370955.3, 3810089.0,     487.3,    1482.1,       0.0);         ( 370978.7,
3810093.2,     490.1,    1482.1,       0.0);
     ( 371002.1, 3810097.4,     494.5,    1482.1,       0.0);         ( 370833.8,
3810092.7,     484.4,    1482.1,       0.0);
     ( 370857.2, 3810096.9,     484.8,    1482.1,       0.0);         ( 370880.6,
3810101.1,     484.3,    1482.1,       0.0);
     ( 370904.1, 3810105.3,     484.8,    1482.1,       0.0);         ( 370927.5,
3810109.5,     485.1,    1482.1,       0.0);
     ( 370950.9, 3810113.6,     485.4,    1482.1,       0.0);         ( 370974.3,
3810117.8,     487.0,    1482.1,       0.0);
     ( 370997.7, 3810122.0,     490.4,    1482.1,       0.0);         ( 370722.6,
3810174.4,     480.7,    1482.1,       0.0);
     ( 370746.0, 3810178.6,     480.5,    1482.1,       0.0);         ( 370769.4,
3810182.8,     480.9,    1482.1,       0.0);
     ( 370792.8, 3810187.0,     481.6,    1482.1,       0.0);         ( 370863.0,
3810199.5,     482.0,    1482.1,       0.0);
     ( 370886.5, 3810203.7,     481.8,    1482.1,       0.0);         ( 370909.9,
3810207.9,     482.3,    1482.1,       0.0);
     ( 370980.1, 3810220.4,     482.9,    1482.1,       0.0);         ( 370728.4,
3810277.0,     483.0,    1482.1,       0.0);
     ( 370751.8, 3810281.2,     483.2,    1482.1,       0.0);         ( 370798.6,
3810289.6,     483.5,    1482.1,       0.0);
     ( 370892.3, 3810306.3,     484.6,    1482.1,       0.0);         ( 370915.7,
3810310.5,     484.9,    1482.1,       0.0);
     ( 370939.1, 3810314.7,     485.1,    1482.1,       0.0);         ( 370710.8,
3810375.5,     482.1,    1482.1,       0.0);
     ( 370757.6, 3810383.8,     483.2,    1482.1,       0.0);         ( 370781.0,
3810388.0,     483.1,    1482.1,       0.0);
     ( 370898.1, 3810409.0,     484.5,    1482.1,       0.0);         ( 370740.0,
3810482.3,     488.6,    1482.1,       0.0);
     ( 370763.4, 3810486.5,     489.5,    1482.1,       0.0);         ( 370786.8,
3810490.7,     490.8,    1482.1,       0.0);
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     ( 370927.3, 3810515.8,     491.5,    1482.1,       0.0);         ( 370745.8,
3810584.9,     491.2,    1482.1,       0.0);
     ( 370769.2, 3810589.1,     491.1,    1482.1,       0.0);         ( 370792.7,
3810593.3,     492.3,    1482.1,       0.0);
     ( 370816.1, 3810597.5,     494.7,    1482.1,       0.0);         ( 371046.6,
3810082.6,     501.7,    1482.1,       0.0);
     ( 371071.1, 3810084.3,     509.6,    1482.1,       0.0);         ( 371095.5,
3810086.0,     516.7,    1482.1,       0.0);
     ( 371120.0, 3810087.8,     522.3,    1482.1,       0.0);         ( 371144.4,
3810089.5,     523.4,    1482.1,       0.0);
     ( 371044.8, 3810107.5,     500.7,    1482.1,       0.0);         ( 371069.3,
3810109.3,     510.3,    1482.1,       0.0);
     ( 371093.8, 3810111.0,     520.9,    1482.1,       0.0);         ( 371118.2,
3810112.7,     529.9,    1482.1,       0.0);
     ( 371142.7, 3810114.4,     532.5,    1482.1,       0.0);         ( 371018.6,
3810130.7,     493.9,    1482.1,       0.0);
     ( 371043.1, 3810132.5,     499.0,    1482.1,       0.0);         ( 371067.5,
3810134.2,     507.6,    1482.1,       0.0);
     ( 371092.0, 3810135.9,     520.7,    1482.1,       0.0);         ( 371116.4,
3810137.7,     532.3,    1482.1,       0.0);
     ( 371140.9, 3810139.4,     536.8,    1482.1,       0.0);         ( 370998.0,
3810148.1,     490.1,    1482.1,       0.0);
     ( 371041.3, 3810157.4,     497.0,    1482.1,       0.0);         ( 371065.8,
3810159.1,     499.3,    1482.1,       0.0);
     ( 371090.2, 3810160.9,     512.1,    1482.1,       0.0);         ( 371114.7,
3810162.6,     526.0,    1482.1,       0.0);
     ( 371139.1, 3810164.3,     531.4,    1482.1,       0.0);         ( 370987.2,
3810246.4,     483.0,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     ( 370964.5, 3810237.3,     482.3,    1482.1,       0.0);         ( 370843.8,
3810128.0,     484.5,    1482.1,       0.0);
     ( 371009.8, 3810255.4,     483.1,    1482.1,       0.0);         ( 371058.7,
3810258.9,     483.4,    1482.1,       0.0);
     ( 371083.2, 3810260.6,     487.1,    1482.1,       0.0);         ( 371107.6,
3810262.3,     489.9,    1482.1,       0.0);
     ( 371132.1, 3810264.1,     492.6,    1482.1,       0.0);         ( 370981.5,
3810346.7,     485.0,    1482.1,       0.0);
     ( 370820.5, 3810268.0,     483.8,    1482.1,       0.0);         ( 370808.2,
3810248.7,     484.0,    1482.1,       0.0);
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     ( 371002.8, 3810355.2,     485.3,    1482.1,       0.0);         ( 371027.2,
3810356.9,     485.8,    1482.1,       0.0);
     ( 371125.0, 3810363.8,     486.0,    1482.1,       0.0);         ( 370950.4,
3810436.8,     484.9,    1482.1,       0.0);
     ( 370729.6, 3810302.7,     483.0,    1482.1,       0.0);         ( 370663.8,
3810200.1,     479.9,    1482.1,       0.0);
     ( 371020.2, 3810456.7,     485.8,    1482.1,       0.0);         ( 371044.6,
3810458.4,     485.9,    1482.1,       0.0);
     ( 371069.1, 3810460.1,     486.3,    1482.1,       0.0);         ( 370692.8,
3810421.7,     484.0,    1482.1,       0.0);
     ( 370680.2, 3810401.9,     483.1,    1482.1,       0.0);         ( 370629.5,
3810323.0,     480.9,    1482.1,       0.0);
     ( 371037.6, 3810558.1,     496.4,    1482.1,       0.0);         ( 371062.0,
3810559.9,     493.9,    1482.1,       0.0);
     ( 371086.5, 3810561.6,     493.6,    1482.1,       0.0);         ( 371110.9,
3810563.3,     492.4,    1482.1,       0.0);
     ( 370959.0, 3810645.4,     501.2,    1482.1,       0.0);         ( 370936.3,
3810636.3,     500.5,    1482.1,       0.0);
     ( 370687.1, 3810536.7,     488.5,    1482.1,       0.0);         ( 370664.5,
3810527.6,     487.9,    1482.1,       0.0);
     ( 370589.1, 3810436.4,     482.4,    1482.1,       0.0);         ( 370483.7,
3810272.1,     479.8,    1482.1,       0.0);
     ( 370981.6, 3810654.4,     508.1,    1482.1,       0.0);         ( 371006.1,
3810656.2,     513.1,    1482.1,       0.0);
     ( 371030.5, 3810657.9,     512.1,    1482.1,       0.0);         ( 371055.0,
3810659.6,     508.9,    1482.1,       0.0);
     ( 371079.4, 3810661.3,     506.4,    1482.1,       0.0);         ( 371103.9,
3810663.1,     506.2,    1482.1,       0.0);
     ( 371167.5, 3810080.6,     518.8,    1482.1,       0.0);         ( 371165.5,
3810108.7,     528.3,    1482.1,       0.0);
     ( 371178.9, 3810129.8,     536.3,    1482.1,       0.0);         ( 371191.2,
3810151.1,     545.2,    1482.1,       0.0);
     ( 371165.2, 3810157.7,     542.8,    1482.1,       0.0);         ( 371245.0,
3810235.4,     545.0,    1482.1,       0.0);
     ( 371218.9, 3810242.0,     530.3,    1482.1,       0.0);         ( 371192.9,
3810248.7,     510.9,    1482.1,       0.0);
     ( 371166.8, 3810255.3,     503.5,    1482.1,       0.0);         ( 371298.7,
3810319.8,     503.4,    1482.1,       0.0);
     ( 371272.6, 3810326.4,     500.1,    1482.1,       0.0);         ( 371246.6,
3810333.0,     492.2,    1482.1,       0.0);
     ( 371220.5, 3810339.6,     486.3,    1482.1,       0.0);         ( 371194.5,
3810346.2,     484.6,    1482.1,       0.0);
     ( 371168.5, 3810352.8,     484.1,    1482.1,       0.0);         ( 371352.1,
3810404.2,     486.1,    1482.1,       0.0);
     ( 371325.1, 3810411.0,     485.9,    1482.1,       0.0);         ( 371298.1,
3810417.9,     485.5,    1482.1,       0.0);
     ( 371271.1, 3810424.8,     484.7,    1482.1,       0.0);         ( 371244.1,
3810431.6,     484.9,    1482.1,       0.0);
     ( 371217.0, 3810438.4,     485.1,    1482.1,       0.0);         ( 371190.0,
3810445.3,     484.9,    1482.1,       0.0);
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(371163.0, 3810452.2, 486.1, 1482.1, 0.0); (371405.9, 3810488.5, 486.3, 1482.1, 0.0);
(371379.1, 3810495.3, 485.9, 1482.1, 0.0); (371352.3, 3810502.1, 485.6, 1482.1, 0.0);
(371325.5, 3810508.9, 485.7, 1482.1, 0.0); (371298.6, 3810515.7, 485.2, 1482.1, 0.0);
(371271.8, 3810522.5, 485.7, 1482.1, 0.0); (371245.0, 3810529.3, 486.0, 1482.1, 0.0);
(371218.2, 3810536.1, 486.2, 1482.1, 0.0); (371191.4, 3810542.9, 487.6, 1482.1, 0.0);
(371164.6, 3810549.7, 488.0, 1482.1, 0.0); (371137.8, 3810556.5, 489.4, 1482.1, 0.0);
(371459.7, 3810572.8, 486.4, 1482.1, 0.0); (371433.0, 3810579.6, 487.8, 1482.1, 0.0);
(371406.3, 3810586.4, 490.1, 1482.1, 0.0); (371379.6, 3810593.1, 492.8, 1482.1, 0.0);
(371353.0, 3810599.9, 492.2, 1482.1, 0.0); (371326.3, 3810606.7, 494.1, 1482.1, 0.0);
(371299.6, 3810613.4, 491.9, 1482.1, 0.0); (371272.9, 3810620.2, 490.0, 1482.1, 0.0);
(371246.2, 3810627.0, 493.6, 1482.1, 0.0); (371219.5, 3810633.8, 496.9, 1482.1, 0.0);
(371192.8, 3810640.5, 500.1, 1482.1, 0.0); (371166.1, 3810647.3, 500.6, 1482.1, 0.0);
(371139.5, 3810654.0, 502.0, 1482.1, 0.0); (371179.1, 3810059.5, 513.0, 1482.1, 0.0);
(371201.0, 3810071.5, 514.3, 1482.1, 0.0); (371189.4, 3810092.6, 525.6, 1482.1, 0.0);
(371204.1, 3810042.3, 503.8, 1482.1, 0.0); (371226.0, 3810071.5, 511.8, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371211.4, 3810104.7, 526.4, 1482.1, 0.0); (371229.1, 3810042.3, 503.3, 1482.1, 0.0);
(371250.0, 3810075.6, 510.5, 1482.1, 0.0); (371230.5, 3810119.7, 527.2, 1482.1, 0.0);
(371254.1, 3810042.3, 501.8, 1482.1, 0.0); (371350.0, 3810075.6, 516.0, 1482.1, 0.0);
(371341.8, 3810107.6, 516.7, 1482.1, 0.0); (371333.5, 3810139.7, 518.8, 1482.1, 0.0);

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     ( 371318.1, 3810167.8,     527.6,    1482.1,       0.0);         ( 371295.5,
3810192.0,     543.7,    1482.1,       0.0);
     ( 371272.9, 3810216.1,     549.7,    1482.1,       0.0);         ( 371354.1,
3810042.3,     504.6,    1482.1,       0.0);
     ( 371450.0, 3810075.6,     505.2,    1482.1,       0.0);         ( 371441.8,
3810107.6,     505.5,    1482.1,       0.0);
     ( 371433.5, 3810139.7,     511.3,    1482.1,       0.0);         ( 371425.3,
3810171.8,     521.3,    1482.1,       0.0);
     ( 371405.8, 3810215.9,     533.7,    1482.1,       0.0);         ( 371383.2,
3810240.1,     538.9,    1482.1,       0.0);
     ( 371360.5, 3810264.2,     536.0,    1482.1,       0.0);         ( 371337.9,
3810288.4,     531.2,    1482.1,       0.0);
     ( 371454.1, 3810042.3,     503.2,    1482.1,       0.0);         ( 371550.0,
3810075.6,     505.6,    1482.1,       0.0);
     ( 371541.8, 3810107.6,     511.7,    1482.1,       0.0);         ( 371533.5,
3810139.7,     521.7,    1482.1,       0.0);
     ( 371525.3, 3810171.8,     529.9,    1482.1,       0.0);         ( 371517.1,
3810203.8,     544.6,    1482.1,       0.0);
     ( 371508.9, 3810235.9,     538.7,    1482.1,       0.0);         ( 371493.5,
3810264.0,     523.9,    1482.1,       0.0);
     ( 371470.8, 3810288.1,     512.0,    1482.1,       0.0);         ( 371448.2,
3810312.3,     498.7,    1482.1,       0.0);
     ( 371425.6, 3810336.5,     497.0,    1482.1,       0.0);         ( 371403.0,
3810360.6,     499.1,    1482.1,       0.0);
     ( 371380.3, 3810384.8,     492.4,    1482.1,       0.0);         ( 371554.1,
3810042.3,     505.7,    1482.1,       0.0);
     ( 371650.0, 3810075.6,     512.5,    1482.1,       0.0);         ( 371641.8,
3810107.6,     510.9,    1482.1,       0.0);
     ( 371633.5, 3810139.7,     515.4,    1482.1,       0.0);         ( 371625.3,
3810171.8,     525.1,    1482.1,       0.0);
     ( 371617.1, 3810203.8,     541.9,    1482.1,       0.0);         ( 371608.9,
3810235.9,     544.3,    1482.1,       0.0);
     ( 371600.7, 3810267.9,     526.5,    1482.1,       0.0);         ( 371581.1,
3810312.1,     525.5,    1482.1,       0.0);
     ( 371558.5, 3810336.2,     520.3,    1482.1,       0.0);         ( 371535.9,
3810360.4,     506.2,    1482.1,       0.0);
     ( 371513.3, 3810384.6,     497.4,    1482.1,       0.0);         ( 371490.6,
3810408.7,     491.1,    1482.1,       0.0);
     ( 371468.0, 3810432.9,     486.3,    1482.1,       0.0);         ( 371445.4,
3810457.0,     486.4,    1482.1,       0.0);
     ( 371654.1, 3810042.3,     520.4,    1482.1,       0.0);         ( 371750.0,
3810075.6,     514.3,    1482.1,       0.0);
     ( 371741.8, 3810107.6,     517.0,    1482.1,       0.0);         ( 371733.5,
3810139.7,     515.6,    1482.1,       0.0);
     ( 371725.3, 3810171.8,     523.5,    1482.1,       0.0);         ( 371717.1,
3810203.8,     538.1,    1482.1,       0.0);
     ( 371708.9, 3810235.9,     536.2,    1482.1,       0.0);         ( 371700.7,
3810267.9,     517.4,    1482.1,       0.0);
     ( 371692.5, 3810300.0,     508.0,    1482.1,       0.0);         ( 371684.2,
3810332.1,     500.5,    1482.1,       0.0);
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     ( 371668.8, 3810360.2,     502.6,    1482.1,       0.0);         ( 371646.2,
3810384.3,     497.6,    1482.1,       0.0);
     ( 371623.6, 3810408.5,     492.1,    1482.1,       0.0);         ( 371601.0,
3810432.7,     492.0,    1482.1,       0.0);
     ( 371578.3, 3810456.8,     487.6,    1482.1,       0.0);         ( 371555.7,
3810481.0,     487.0,    1482.1,       0.0);
     ( 371533.1, 3810505.1,     487.0,    1482.1,       0.0);         ( 371510.4,
3810529.3,     487.0,    1482.1,       0.0);
     ( 371487.8, 3810553.5,     486.3,    1482.1,       0.0);         ( 371754.1,
3810042.3,     520.3,    1482.1,       0.0);
     ( 371146.6, 3810066.1,     511.6,    1482.1,       0.0);         ( 371094.3,
3810233.1,     494.9,    1482.1,       0.0);
     ( 371064.5, 3810328.6,     486.0,    1482.1,       0.0);         ( 371046.1,
3810427.6,     485.9,    1482.1,       0.0);
     ( 371004.7, 3810519.4,     488.8,    1482.1,       0.0);         ( 370974.8,
3810614.9,     500.8,    1482.1,       0.0);
     ( 371119.5, 3810240.5,     496.5,    1482.1,       0.0);         ( 371073.4,
3810435.1,     486.4,    1482.1,       0.0);
     ( 371100.8, 3810441.6,     486.7,    1482.1,       0.0);         ( 371064.1,
3810535.7,     489.7,    1482.1,       0.0);
     ( 371017.1, 3810626.9,     504.4,    1482.1,       0.0);         ( 371041.0,
3810633.0,     504.8,    1482.1,       0.0);
     ( 371220.0, 3810008.5,     496.0,    1482.1,       0.0);         ( 371221.0,
3809986.0,     495.1,    1482.1,       0.0);
     ( 371222.0, 3809963.5,     494.8,    1482.1,       0.0);         ( 371223.0,
3809941.0,     494.7,    1482.1,       0.0);
     ( 371224.1, 3809918.5,     494.5,    1482.1,       0.0);         ( 371225.1,
3809896.0,     494.4,    1482.1,       0.0);
     ( 371244.9, 3810009.6,     497.7,    1482.1,       0.0);         ( 371246.0,
3809987.1,     495.9,    1482.1,       0.0);
     ( 371247.0, 3809964.6,     495.5,    1482.1,       0.0);         ( 371248.0,
3809942.1,     495.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371249.0, 3809919.6,     495.2,    1482.1,       0.0);         ( 371250.1,
3809897.1,     495.0,    1482.1,       0.0);
     ( 371269.9, 3810010.8,     497.5,    1482.1,       0.0);         ( 371270.9,
3809988.3,     496.6,    1482.1,       0.0);
     ( 371272.0, 3809965.8,     496.2,    1482.1,       0.0);         ( 371273.0,
3809943.3,     496.1,    1482.1,       0.0);
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     ( 371274.0, 3809920.8,     495.9,    1482.1,       0.0);         ( 371275.0,
3809898.3,     495.6,    1482.1,       0.0);
     ( 371282.9, 3810075.7,     503.5,    1482.1,       0.0);         ( 371263.1,
3810113.3,     511.9,    1482.1,       0.0);
     ( 371211.5, 3810140.9,     537.6,    1482.1,       0.0);         ( 371293.8,
3810034.4,     499.7,    1482.1,       0.0);
     ( 371294.9, 3810011.9,     498.0,    1482.1,       0.0);         ( 371295.9,
3809989.4,     497.1,    1482.1,       0.0);
     ( 371296.9, 3809966.9,     496.8,    1482.1,       0.0);         ( 371298.0,
3809944.4,     496.9,    1482.1,       0.0);
     ( 371299.0, 3809921.9,     496.6,    1482.1,       0.0);         ( 371300.0,
3809899.4,     496.7,    1482.1,       0.0);
     ( 371382.8, 3810080.3,     514.6,    1482.1,       0.0);         ( 371363.0,
3810117.9,     527.7,    1482.1,       0.0);
     ( 371323.3, 3810193.2,     544.8,    1482.1,       0.0);         ( 371393.7,
3810039.0,     503.2,    1482.1,       0.0);
     ( 371394.8, 3810016.5,     500.4,    1482.1,       0.0);         ( 371395.8,
3809994.0,     500.1,    1482.1,       0.0);
     ( 371396.8, 3809971.5,     500.1,    1482.1,       0.0);         ( 371397.8,
3809949.0,     500.9,    1482.1,       0.0);
     ( 371398.9, 3809926.5,     501.8,    1482.1,       0.0);         ( 371399.9,
3809904.0,     502.3,    1482.1,       0.0);
     ( 371482.7, 3810084.8,     510.5,    1482.1,       0.0);         ( 371462.9,
3810122.5,     517.3,    1482.1,       0.0);
     ( 371423.2, 3810197.7,     531.0,    1482.1,       0.0);         ( 371383.5,
3810273.0,     527.5,    1482.1,       0.0);
     ( 371144.6, 3810339.9,     484.1,    1482.1,       0.0);         ( 371493.6,
3810043.5,     503.8,    1482.1,       0.0);
     ( 371494.7, 3810021.0,     503.1,    1482.1,       0.0);         ( 371495.7,
3809998.5,     502.9,    1482.1,       0.0);
     ( 371496.7, 3809976.0,     503.7,    1482.1,       0.0);         ( 371497.7,
3809953.5,     505.6,    1482.1,       0.0);
     ( 371498.8, 3809931.0,     508.7,    1482.1,       0.0);         ( 371499.8,
3809908.5,     514.3,    1482.1,       0.0);
     ( 371582.6, 3810089.4,     506.5,    1482.1,       0.0);         ( 371562.8,
3810127.0,     515.4,    1482.1,       0.0);
     ( 371443.8, 3810352.8,     498.2,    1482.1,       0.0);         ( 371225.7,
3810415.4,     484.9,    1482.1,       0.0);
     ( 371593.5, 3810048.1,     512.4,    1482.1,       0.0);         ( 371594.6,
3810025.6,     518.2,    1482.1,       0.0);
     ( 371595.6, 3810003.1,     515.7,    1482.1,       0.0);         ( 371596.6,
3809980.6,     516.0,    1482.1,       0.0);
     ( 371597.6, 3809958.1,     517.3,    1482.1,       0.0);         ( 371598.7,
3809935.6,     519.0,    1482.1,       0.0);
     ( 371599.7, 3809913.1,     514.9,    1482.1,       0.0);         ( 371682.0,
3810094.9,     511.4,    1482.1,       0.0);
     ( 371661.1, 3810134.6,     516.9,    1482.1,       0.0);         ( 371514.9,
3810411.9,     491.4,    1482.1,       0.0);
     ( 371504.5, 3810431.7,     487.1,    1482.1,       0.0);         ( 371472.1,
3810456.1,     486.5,    1482.1,       0.0);
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(371362.6, 3810479.1, 485.9, 1482.1, 0.0); (371296.8, 3810492.9, 485.6, 1482.1, 0.0);
(371253.0, 3810502.1, 485.4, 1482.1, 0.0); (371209.2, 3810511.3, 485.8, 1482.1, 0.0);
(371165.4, 3810520.5, 486.8, 1482.1, 0.0); (371121.6, 3810529.7, 487.1, 1482.1, 0.0);
(371693.4, 3810052.6, 514.3, 1482.1, 0.0); (371694.5, 3810030.1, 518.8, 1482.1, 0.0);
(371695.5, 3810007.6, 522.5, 1482.1, 0.0); (371696.5, 3809985.1, 528.7, 1482.1, 0.0);
(371697.5, 3809962.6, 537.8, 1482.1, 0.0); (371698.6, 3809940.1, 545.0, 1482.1, 0.0);
(371699.6, 3809917.6, 543.8, 1482.1, 0.0); (371782.0, 3810099.3, 526.0, 1482.1, 0.0);
(371761.2, 3810138.6, 519.7, 1482.1, 0.0); (371668.1, 3810315.3, 501.1, 1482.1, 0.0);
(371564.6, 3810511.7, 487.2, 1482.1, 0.0); (371532.6, 3810535.9, 487.0, 1482.1, 0.0);
(371445.7, 3810554.1, 486.0, 1482.1, 0.0); (371402.2, 3810563.2, 487.1, 1482.1, 0.0);
(371358.8, 3810572.3, 489.3, 1482.1, 0.0); (371315.4, 3810581.5, 491.8, 1482.1, 0.0);
(371271.9, 3810590.6, 493.9, 1482.1, 0.0); (371228.5, 3810599.7, 489.4, 1482.1, 0.0);
(371185.0, 3810608.8, 496.4, 1482.1, 0.0); (371141.6, 3810618.0, 499.9, 1482.1, 0.0);
(371098.1, 3810627.1, 500.1, 1482.1, 0.0); (371793.3, 3810057.2, 518.0, 1482.1, 0.0);
(371794.3, 3810034.7, 518.6, 1482.1, 0.0); (371795.4, 3810012.2, 523.3, 1482.1, 0.0);
(371796.4, 3809989.7, 530.4, 1482.1, 0.0); (371797.4, 3809967.2, 537.3, 1482.1, 0.0);
(371798.5, 3809944.7, 539.5, 1482.1, 0.0); (371799.5, 3809922.2, 539.4, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371214.8, 3809870.6, 496.2, 1482.1, 0.0); (371243.1, 3809869.3, 495.2, 1482.1, 0.0);
(371229.5, 3809846.3, 498.4, 1482.1, 0.0); (371267.2, 3809867.0, 496.0, 1482.1, 0.0);

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     ( 371257.8, 3809845.1,     497.0,    1482.1,       0.0);         ( 371288.9,
3809854.9,     500.1,    1482.1,       0.0);
     ( 371294.5, 3809877.2,     496.8,    1482.1,       0.0);         ( 371279.3,
3809832.3,     503.0,    1482.1,       0.0);
     ( 371375.2, 3809805.1,     512.2,    1482.1,       0.0);         ( 371381.4,
3809829.8,     507.6,    1482.1,       0.0);
     ( 371387.5, 3809854.5,     503.9,    1482.1,       0.0);         ( 371393.7,
3809879.2,     502.1,    1482.1,       0.0);
     ( 371365.3, 3809781.3,     518.6,    1482.1,       0.0);         ( 371461.3,
3809754.6,     530.6,    1482.1,       0.0);
     ( 371467.7, 3809780.2,     535.2,    1482.1,       0.0);         ( 371474.1,
3809805.9,     528.6,    1482.1,       0.0);
     ( 371480.6, 3809831.5,     529.2,    1482.1,       0.0);         ( 371487.0,
3809857.2,     528.0,    1482.1,       0.0);
     ( 371493.4, 3809882.9,     521.5,    1482.1,       0.0);         ( 371451.3,
3809730.2,     523.1,    1482.1,       0.0);
     ( 371547.2, 3809703.1,     535.1,    1482.1,       0.0);         ( 371553.4,
3809727.8,     529.3,    1482.1,       0.0);
     ( 371559.5, 3809752.5,     522.3,    1482.1,       0.0);         ( 371565.7,
3809777.2,     517.8,    1482.1,       0.0);
     ( 371571.9, 3809801.9,     517.5,    1482.1,       0.0);         ( 371578.1,
3809826.6,     518.7,    1482.1,       0.0);
     ( 371584.2, 3809851.3,     521.4,    1482.1,       0.0);         ( 371590.4,
3809876.0,     521.5,    1482.1,       0.0);
     ( 371537.3, 3809679.2,     540.5,    1482.1,       0.0);         ( 371633.3,
3809652.3,     553.0,    1482.1,       0.0);
     ( 371639.6, 3809677.6,     549.1,    1482.1,       0.0);         ( 371645.9,
3809702.9,     545.2,    1482.1,       0.0);
     ( 371652.2, 3809728.1,     536.6,    1482.1,       0.0);         ( 371658.5,
3809753.4,     530.0,    1482.1,       0.0);
     ( 371664.8, 3809778.7,     528.5,    1482.1,       0.0);         ( 371671.2,
3809803.9,     535.9,    1482.1,       0.0);
     ( 371677.5, 3809829.2,     539.4,    1482.1,       0.0);         ( 371683.8,
3809854.5,     534.9,    1482.1,       0.0);
     ( 371690.1, 3809879.7,     531.8,    1482.1,       0.0);         ( 371623.3,
3809628.2,     557.0,    1482.1,       0.0);
     ( 371719.3, 3809601.5,     560.7,    1482.1,       0.0);         ( 371725.7,
3809627.1,     549.3,    1482.1,       0.0);
     ( 371732.1, 3809652.8,     559.0,    1482.1,       0.0);         ( 371738.5,
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     ( 371745.0, 3809704.1,     547.5,    1482.1,       0.0);         ( 371751.4,
3809729.8,     548.4,    1482.1,       0.0);
     ( 371757.8, 3809755.4,     553.2,    1482.1,       0.0);         ( 371764.2,
3809781.1,     561.6,    1482.1,       0.0);
     ( 371770.6, 3809806.7,     572.3,    1482.1,       0.0);         ( 371777.0,
3809832.4,     566.2,    1482.1,       0.0);
     ( 371783.5, 3809858.1,     555.9,    1482.1,       0.0);         ( 371789.9,
3809883.7,     547.1,    1482.1,       0.0);
     ( 371709.3, 3809577.1,     573.2,    1482.1,       0.0);         ( 371346.4,
3809991.9,     498.2,    1482.1,       0.0);
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     ( 371426.4, 3810051.9,     501.5,    1482.1,       0.0);         ( 371506.4,
3810111.9,     514.4,    1482.1,       0.0);
     ( 371586.4, 3810171.9,     529.1,    1482.1,       0.0);         ( 371666.3,
3810231.9,     535.1,    1482.1,       0.0);
     ( 371225.4, 3809816.2,     507.2,    1482.1,       0.0);         ( 371228.2,
3809792.8,     506.3,    1482.1,       0.0);
     ( 371230.9, 3809769.3,     506.8,    1482.1,       0.0);         ( 371233.7,
3809745.8,     508.8,    1482.1,       0.0);
     ( 371236.5, 3809722.3,     508.4,    1482.1,       0.0);         ( 371250.2,
3809819.2,     502.1,    1482.1,       0.0);
     ( 371253.0, 3809795.7,     504.4,    1482.1,       0.0);         ( 371255.8,
3809772.2,     509.7,    1482.1,       0.0);
     ( 371258.5, 3809748.7,     516.9,    1482.1,       0.0);         ( 371261.3,
3809725.2,     523.9,    1482.1,       0.0);
     ( 371277.8, 3809798.6,     505.8,    1482.1,       0.0);         ( 371280.6,
3809775.1,     508.4,    1482.1,       0.0);
     ( 371283.3, 3809751.6,     515.4,    1482.1,       0.0);         ( 371286.1,
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     ( 371302.7, 3809801.5,     513.7,    1482.1,       0.0);         ( 371305.4,
3809778.0,     515.9,    1482.1,       0.0);
     ( 371308.2, 3809754.5,     518.1,    1482.1,       0.0);         ( 371310.9,
3809731.0,     528.1,    1482.1,       0.0);
     ( 371370.5, 3809941.7,     498.9,    1482.1,       0.0);         ( 371402.0,
3809813.1,     506.8,    1482.1,       0.0);
     ( 371404.7, 3809789.6,     510.5,    1482.1,       0.0);         ( 371407.5,
3809766.2,     511.8,    1482.1,       0.0);
     ( 371410.3, 3809742.7,     514.4,    1482.1,       0.0);         ( 371476.5,
3809936.7,     504.8,    1482.1,       0.0);
     ( 371459.9, 3809978.2,     502.2,    1482.1,       0.0);         ( 371443.3,
3810019.7,     501.6,    1482.1,       0.0);
     ( 371504.1, 3809801.3,     526.4,    1482.1,       0.0);         ( 371506.8,
3809777.8,     530.3,    1482.1,       0.0);
     ( 371509.6, 3809754.3,     540.0,    1482.1,       0.0);         ( 371575.2,
3809949.9,     515.7,    1482.1,       0.0);
     ( 371566.6, 3809971.4,     513.4,    1482.1,       0.0);         ( 371558.0,
3809992.9,     508.1,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 371549.4, 3810014.4,     506.2,    1482.1,       0.0);         ( 371532.2,
3810057.4,     504.6,    1482.1,       0.0);
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     ( 371523.6, 3810078.9,     509.2,    1482.1,       0.0);         ( 371603.4,
3809813.0,     522.7,    1482.1,       0.0);
     ( 371606.1, 3809789.5,     522.8,    1482.1,       0.0);         ( 371608.9,
3809766.0,     530.4,    1482.1,       0.0);
     ( 371667.5, 3809979.0,     537.0,    1482.1,       0.0);         ( 371651.4,
3810019.4,     527.2,    1482.1,       0.0);
     ( 371627.2, 3810079.8,     509.0,    1482.1,       0.0);         ( 371611.1,
3810120.1,     511.9,    1482.1,       0.0);
     ( 371702.7, 3809824.6,     547.7,    1482.1,       0.0);         ( 371705.5,
3809801.1,     552.6,    1482.1,       0.0);
     ( 371708.2, 3809777.6,     551.0,    1482.1,       0.0);         ( 371774.4,
3809971.7,     540.3,    1482.1,       0.0);
     ( 371757.8, 3810013.2,     530.0,    1482.1,       0.0);         ( 371716.4,
3810116.8,     513.4,    1482.1,       0.0);
     ( 371699.8, 3810158.3,     528.0,    1482.1,       0.0);         ( 371683.3,
3810199.7,     540.4,    1482.1,       0.0);
     ( 371802.0, 3809836.3,     561.7,    1482.1,       0.0);         ( 371804.8,
3809812.8,     572.9,    1482.1,       0.0);
     ( 371807.5, 3809789.3,     574.3,    1482.1,       0.0);         ( 371241.6,
3809695.5,     509.7,    1482.1,       0.0);
     ( 371239.0, 3809652.8,     500.2,    1482.1,       0.0);         ( 371236.3,
3809610.2,     497.7,    1482.1,       0.0);
     ( 371233.7, 3809567.5,     497.5,    1482.1,       0.0);         ( 371266.6,
3809694.0,     514.3,    1482.1,       0.0);
     ( 371263.9, 3809651.3,     501.7,    1482.1,       0.0);         ( 371261.3,
3809608.6,     499.9,    1482.1,       0.0);
     ( 371258.6, 3809566.0,     502.6,    1482.1,       0.0);         ( 371291.5,
3809692.4,     512.4,    1482.1,       0.0);
     ( 371288.9, 3809649.8,     509.1,    1482.1,       0.0);         ( 371286.2,
3809607.1,     504.0,    1482.1,       0.0);
     ( 371283.6, 3809564.4,     506.0,    1482.1,       0.0);         ( 371315.3,
3809705.0,     521.9,    1482.1,       0.0);
     ( 371315.1, 3809669.5,     519.5,    1482.1,       0.0);         ( 371312.5,
3809626.9,     513.1,    1482.1,       0.0);
     ( 371309.9, 3809584.2,     508.1,    1482.1,       0.0);         ( 371414.8,
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     ( 371415.0, 3809663.4,     542.9,    1482.1,       0.0);         ( 371412.3,
3809620.7,     536.5,    1482.1,       0.0);
     ( 371409.7, 3809578.0,     535.1,    1482.1,       0.0);         ( 371514.4,
3809699.7,     548.8,    1482.1,       0.0);
     ( 371514.8, 3809657.2,     557.4,    1482.1,       0.0);         ( 371512.1,
3809614.5,     556.6,    1482.1,       0.0);
     ( 371509.5, 3809571.9,     557.7,    1482.1,       0.0);         ( 371614.4,
3809691.2,     536.0,    1482.1,       0.0);
     ( 371611.4, 3809728.8,     538.6,    1482.1,       0.0);         ( 371611.9,
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     ( 371609.3, 3809565.7,     577.1,    1482.1,       0.0);         ( 371714.1,
3809686.3,     542.4,    1482.1,       0.0);
     ( 371710.8, 3809726.7,     544.1,    1482.1,       0.0);         ( 371707.8,
3809538.2,     575.1,    1482.1,       0.0);
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     ( 371813.8, 3809681.2,     575.1,    1482.1,       0.0);         ( 371810.4,
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     ( 371807.0, 3809765.8,     570.4,    1482.1,       0.0);         ( 371814.2,
3809638.7,     580.2,    1482.1,       0.0);
     ( 371811.5, 3809596.0,     576.6,    1482.1,       0.0);         ( 371808.9,
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     ( 371220.4, 3809539.0,     498.5,    1482.1,       0.0);         ( 371200.3,
3809503.5,     499.4,    1482.1,       0.0);
     ( 371252.2, 3809544.4,     501.9,    1482.1,       0.0);         ( 371232.1,
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     ( 371274.0, 3809532.0,     508.9,    1482.1,       0.0);         ( 371253.8,
3809496.6,     506.8,    1482.1,       0.0);
     ( 371300.0, 3809534.1,     517.5,    1482.1,       0.0);         ( 371285.6,
3809502.0,     511.5,    1482.1,       0.0);
     ( 371265.5, 3809466.5,     516.3,    1482.1,       0.0);         ( 371387.8,
3809487.6,     540.3,    1482.1,       0.0);
     ( 371398.1, 3809522.2,     538.1,    1482.1,       0.0);         ( 371372.6,
3809452.6,     533.6,    1482.1,       0.0);
     ( 371352.5, 3809417.1,     531.9,    1482.1,       0.0);         ( 371475.2,
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     ( 371486.2, 3809476.5,     528.0,    1482.1,       0.0);         ( 371497.2,
3809513.5,     539.0,    1482.1,       0.0);
     ( 371459.6, 3809403.2,     530.7,    1482.1,       0.0);         ( 371439.5,
3809367.8,     518.9,    1482.1,       0.0);
     ( 371562.3, 3809390.8,     547.2,    1482.1,       0.0);         ( 371573.8,
3809429.2,     551.4,    1482.1,       0.0);
     ( 371585.2, 3809467.6,     554.3,    1482.1,       0.0);         ( 371596.6,
3809506.0,     558.4,    1482.1,       0.0);
     ( 371546.6, 3809353.9,     548.6,    1482.1,       0.0);         ( 371526.4,
3809318.4,     539.3,    1482.1,       0.0);
     ( 371649.0, 3809340.3,     529.3,    1482.1,       0.0);         ( 371659.6,
3809376.3,     541.6,    1482.1,       0.0);
     ( 371670.3, 3809412.2,     543.8,    1482.1,       0.0);         ( 371681.0,
3809448.2,     545.0,    1482.1,       0.0);
     ( 371691.7, 3809484.2,     558.1,    1482.1,       0.0);         ( 371633.5,
3809304.5,     522.8,    1482.1,       0.0);
     ( 371613.4, 3809269.1,     520.8,    1482.1,       0.0);         ( 371736.1,
3809291.4,     540.3,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)
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     ( 371747.1, 3809328.4,     547.7,    1482.1,       0.0);         ( 371758.1,
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     ( 371769.1, 3809402.5,     567.2,    1482.1,       0.0);         ( 371780.1,
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     ( 371791.1, 3809476.5,     584.5,    1482.1,       0.0);         ( 371802.1,
3809513.5,     591.9,    1482.1,       0.0);
     ( 371720.5, 3809255.2,     535.5,    1482.1,       0.0);         ( 371700.4,
3809219.7,     526.6,    1482.1,       0.0);
     ( 371213.9, 3809479.6,     505.5,    1482.1,       0.0);         ( 371372.0,
3809566.6,     526.2,    1482.1,       0.0);
     ( 371468.7, 3809592.0,     552.1,    1482.1,       0.0);         ( 371479.9,
3809549.5,     556.0,    1482.1,       0.0);
     ( 371565.4, 3809617.5,     546.6,    1482.1,       0.0);         ( 371576.6,
3809574.9,     566.8,    1482.1,       0.0);
     ( 371662.1, 3809642.9,     555.2,    1482.1,       0.0);         ( 371673.3,
3809600.3,     567.8,    1482.1,       0.0);
     ( 371758.8, 3809668.3,     561.0,    1482.1,       0.0);         ( 371770.0,
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     ( 371231.9, 3809459.4,     514.6,    1482.1,       0.0);         ( 371348.3,
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     ( 371438.8, 3809641.5,     535.2,    1482.1,       0.0);         ( 371240.1,
3809428.5,     527.1,    1482.1,       0.0);
     ( 371246.8, 3809388.7,     534.9,    1482.1,       0.0);         ( 371264.7,
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     ( 371271.5, 3809392.9,     542.3,    1482.1,       0.0);         ( 371286.0,
3809456.7,     522.3,    1482.1,       0.0);
     ( 371292.8, 3809417.0,     536.0,    1482.1,       0.0);         ( 371299.5,
3809377.2,     550.0,    1482.1,       0.0);
     ( 371304.2, 3809475.6,     518.4,    1482.1,       0.0);         ( 371314.0,
3809441.0,     531.6,    1482.1,       0.0);
     ( 371320.8, 3809401.3,     543.3,    1482.1,       0.0);         ( 371409.2,
3809477.7,     538.8,    1482.1,       0.0);
     ( 371416.0, 3809437.9,     524.8,    1482.1,       0.0);         ( 371422.8,
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     ( 371511.2, 3809474.6,     532.7,    1482.1,       0.0);         ( 371518.0,
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     ( 371598.7, 3809528.8,     561.1,    1482.1,       0.0);         ( 371544.7,
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     ( 371613.2, 3809471.4,     542.6,    1482.1,       0.0);         ( 371619.9,
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     ( 371688.9, 3809564.7,     580.2,    1482.1,       0.0);         ( 371708.4,
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     ( 371715.1, 3809468.3,     558.6,    1482.1,       0.0);         ( 371788.2,
3809580.0,     576.6,    1482.1,       0.0);
     ( 371813.7, 3809485.1,     586.8,    1482.1,       0.0);         ( 371225.1,
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     ( 371181.2, 3809340.4,     509.9,    1482.1,       0.0);         ( 371137.3,
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     ( 371244.1, 3809323.4,     534.5,    1482.1,       0.0);         ( 371269.2,
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     ( 371202.7, 3809315.1,     521.4,    1482.1,       0.0);         ( 371158.8,
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     ( 371243.6, 3809298.4,     529.3,    1482.1,       0.0);         ( 371288.1,
3809336.3,     539.7,    1482.1,       0.0);
     ( 371202.3, 3809290.1,     525.6,    1482.1,       0.0);         ( 371158.4,
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     ( 371243.2, 3809273.4,     521.4,    1482.1,       0.0);         ( 371282.0,
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     ( 371307.1, 3809320.0,     538.8,    1482.1,       0.0);         ( 371318.5,
3809360.9,     545.5,    1482.1,       0.0);
     ( 371201.8, 3809265.1,     526.8,    1482.1,       0.0);         ( 371157.9,
3809265.9,     524.4,    1482.1,       0.0);
     ( 371241.4, 3809173.4,     513.8,    1482.1,       0.0);         ( 371280.2,
3809190.8,     514.8,    1482.1,       0.0);
     ( 371319.0, 3809208.2,     514.9,    1482.1,       0.0);         ( 371357.8,
3809225.6,     514.7,    1482.1,       0.0);
     ( 371382.9, 3809254.8,     515.2,    1482.1,       0.0);         ( 371394.3,
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     ( 371405.7, 3809336.7,     516.4,    1482.1,       0.0);         ( 371200.1,
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     ( 371156.2, 3809165.9,     512.9,    1482.1,       0.0);         ( 371239.6,
3809073.4,     515.3,    1482.1,       0.0);
     ( 371278.5, 3809090.8,     516.5,    1482.1,       0.0);         ( 371317.3,
3809108.2,     516.3,    1482.1,       0.0);
     ( 371356.1, 3809125.6,     516.2,    1482.1,       0.0);         ( 371394.9,
3809143.0,     516.3,    1482.1,       0.0);
     ( 371433.7, 3809160.4,     518.2,    1482.1,       0.0);         ( 371458.8,
3809189.6,     517.6,    1482.1,       0.0);
     ( 371470.1, 3809230.5,     516.5,    1482.1,       0.0);         ( 371481.5,
3809271.5,     516.8,    1482.1,       0.0);
     ( 371492.9, 3809312.5,     530.0,    1482.1,       0.0);         ( 371504.3,
3809353.5,     542.0,    1482.1,       0.0);
     ( 371515.6, 3809394.4,     549.2,    1482.1,       0.0);         ( 371198.3,
3809065.1,     516.0,    1482.1,       0.0);
     ( 371154.4, 3809065.9,     516.0,    1482.1,       0.0);         ( 371237.9,
3808973.4,     518.0,    1482.1,       0.0);
     ( 371276.7, 3808990.8,     526.4,    1482.1,       0.0);         ( 371315.5,
3809008.2,     521.5,    1482.1,       0.0);
     ( 371354.3, 3809025.6,     522.7,    1482.1,       0.0);         ( 371393.1,
3809043.0,     531.1,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

(371431.9, 3809060.4, 521.9, 1482.1, 0.0); (371470.7, 3809077.8, 518.6, 1482.1, 0.0);
(371509.5, 3809095.2, 519.0, 1482.1, 0.0); (371534.6, 3809124.4, 520.0, 1482.1, 0.0);
(371546.0, 3809165.4, 518.8, 1482.1, 0.0); (371557.3, 3809206.3, 518.4, 1482.1, 0.0);
(371568.7, 3809247.3, 518.6, 1482.1, 0.0); (371580.1, 3809288.3, 519.8, 1482.1, 0.0);
(371591.5, 3809329.2, 526.8, 1482.1, 0.0); (371602.9, 3809370.2, 529.9, 1482.1, 0.0);
(371196.5, 3808965.1, 518.2, 1482.1, 0.0); (371152.6, 3808965.9, 517.1, 1482.1, 0.0);
(371236.1, 3808873.4, 520.9, 1482.1, 0.0); (371274.9, 3808890.8, 521.5, 1482.1, 0.0);
(371313.7, 3808908.2, 520.5, 1482.1, 0.0); (371352.5, 3808925.6, 521.2, 1482.1, 0.0);
(371391.3, 3808943.0, 532.9, 1482.1, 0.0); (371430.1, 3808960.4, 532.7, 1482.1, 0.0);
(371468.9, 3808977.8, 522.9, 1482.1, 0.0); (371507.7, 3808995.2, 527.3, 1482.1, 0.0);
(371546.5, 3809012.6, 529.6, 1482.1, 0.0); (371585.3, 3809030.0, 523.9, 1482.1, 0.0);
(371610.4, 3809059.2, 521.1, 1482.1, 0.0); (371621.8, 3809100.2, 520.6, 1482.1, 0.0);
(371633.2, 3809141.1, 520.4, 1482.1, 0.0); (371644.5, 3809182.1, 520.9, 1482.1, 0.0);
(371655.9, 3809223.1, 533.9, 1482.1, 0.0); (371667.3, 3809264.1, 537.7, 1482.1, 0.0);
(371678.7, 3809305.0, 536.4, 1482.1, 0.0); (371690.1, 3809346.0, 537.8, 1482.1, 0.0);
(371701.4, 3809387.0, 550.2, 1482.1, 0.0); (371712.8, 3809427.9, 553.2, 1482.1, 0.0);
(371194.7, 3808865.1, 520.8, 1482.1, 0.0); (371150.8, 3808865.9, 519.8, 1482.1, 0.0);
(371234.3, 3808773.5, 523.7, 1482.1, 0.0); (371273.1, 3808790.9, 523.9, 1482.1, 0.0);
(371311.9, 3808808.2, 523.8, 1482.1, 0.0); (371350.7, 3808825.6, 522.3, 1482.1, 0.0);
(371389.5, 3808843.0, 527.9, 1482.1, 0.0); (371428.3, 3808860.4, 534.5, 1482.1, 0.0);
(371467.1, 3808877.8, 545.7, 1482.1, 0.0); (371505.9, 3808895.2, 538.4, 1482.1, 0.0);
(371544.7, 3808912.6, 549.0, 1482.1, 0.0); (371583.5, 3808930.0, 536.3, 1482.1, 0.0);
(371622.3, 3808947.4, 531.4, 1482.1, 0.0); (371661.1, 3808964.8, 524.5, 1482.1, 0.0);
(371686.2, 3808994.0, 522.3, 1482.1, 0.0); (371697.6, 3809035.0, 522.5, 1482.1, 0.0);

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     ( 371709.0, 3809075.9,     522.9,    1482.1,       0.0);         ( 371720.4,
3809116.9,     522.8,    1482.1,       0.0);
     ( 371731.8, 3809157.9,     522.9,    1482.1,       0.0);         ( 371743.1,
3809198.9,     524.4,    1482.1,       0.0);
     ( 371754.5, 3809239.8,     530.7,    1482.1,       0.0);         ( 371765.9,
3809280.8,     537.1,    1482.1,       0.0);
     ( 371777.3, 3809321.8,     544.2,    1482.1,       0.0);         ( 371788.6,
3809362.8,     552.8,    1482.1,       0.0);
     ( 371800.0, 3809403.7,     563.3,    1482.1,       0.0);         ( 371811.4,
3809444.7,     576.5,    1482.1,       0.0);
     ( 371193.0, 3808765.1,     524.0,    1482.1,       0.0);         ( 371149.1,
3808765.9,     522.5,    1482.1,       0.0);
     ( 371114.7, 3809341.8,     497.8,    1482.1,       0.0);         ( 371070.0,
3809343.1,     499.9,    1482.1,       0.0);
     ( 371025.4, 3809344.3,     503.5,    1482.1,       0.0);         ( 371114.1,
3809316.9,     501.3,    1482.1,       0.0);
     ( 371069.4, 3809318.1,     505.0,    1482.1,       0.0);         ( 371024.7,
3809319.3,     513.0,    1482.1,       0.0);
     ( 371135.7, 3809291.3,     512.5,    1482.1,       0.0);         ( 371091.0,
3809292.5,     510.3,    1482.1,       0.0);
     ( 371046.3, 3809293.7,     520.6,    1482.1,       0.0);         ( 371001.7,
3809294.9,     520.3,    1482.1,       0.0);
     ( 371135.0, 3809266.3,     523.4,    1482.1,       0.0);         ( 371090.4,
3809267.5,     521.6,    1482.1,       0.0);
     ( 371045.7, 3809268.7,     522.0,    1482.1,       0.0);         ( 371001.0,
3809269.9,     517.3,    1482.1,       0.0);
     ( 371132.3, 3809166.3,     512.5,    1482.1,       0.0);         ( 371087.6,
3809167.5,     511.6,    1482.1,       0.0);
     ( 371043.0, 3809168.7,     511.0,    1482.1,       0.0);         ( 370998.3,
3809169.9,     508.4,    1482.1,       0.0);
     ( 371129.6, 3809066.3,     516.2,    1482.1,       0.0);         ( 371084.9,
3809067.5,     513.8,    1482.1,       0.0);
     ( 371040.2, 3809068.8,     512.5,    1482.1,       0.0);         ( 370995.6,
3809070.0,     512.0,    1482.1,       0.0);
     ( 371126.9, 3808966.4,     516.6,    1482.1,       0.0);         ( 371082.2,
3808967.6,     516.0,    1482.1,       0.0);
     ( 371037.5, 3808968.8,     516.5,    1482.1,       0.0);         ( 370992.8,
3808970.0,     515.2,    1482.1,       0.0);
     ( 371124.2, 3808866.4,     519.4,    1482.1,       0.0);         ( 371079.5,
3808867.6,     519.0,    1482.1,       0.0);
     ( 371034.8, 3808868.8,     519.1,    1482.1,       0.0);         ( 370990.1,
3808870.0,     518.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371121.5, 3808766.4, 522.4, 1482.1, 0.0); (371076.8, 3808767.7, 521.2, 1482.1, 0.0);
(371032.1, 3808768.9, 520.2, 1482.1, 0.0); (370987.4, 3808770.1, 517.9, 1482.1, 0.0);
(371028.7, 3809369.1, 499.3, 1482.1, 0.0); (371053.7, 3809368.3, 498.6, 1482.1, 0.0);
(371078.7, 3809367.5, 497.8, 1482.1, 0.0); (371103.6, 3809366.7, 497.5, 1482.1, 0.0);
(371203.6, 3809363.6, 516.7, 1482.1, 0.0); (371602.0, 3809305.6, 522.1, 1482.1, 0.0);
(370967.5, 3809295.5, 511.8, 1482.1, 0.0); (371023.3, 3809282.6, 522.0, 1482.1, 0.0);
(370970.2, 3809270.7, 515.5, 1482.1, 0.0); (371026.0, 3809257.8, 517.3, 1482.1, 0.0);
(370991.6, 3809247.9, 514.4, 1482.1, 0.0); (370954.1, 3809243.8, 513.4, 1482.1, 0.0);
(371028.7, 3809232.9, 515.3, 1482.1, 0.0); (371060.0, 3809248.7, 520.6, 1482.1, 0.0);
(370994.3, 3809223.0, 512.9, 1482.1, 0.0); (370956.8, 3809218.9, 511.6, 1482.1, 0.0);
(371039.5, 3809133.5, 510.0, 1482.1, 0.0); (371070.8, 3809149.2, 511.9, 1482.1, 0.0);
(371155.6, 3809204.8, 513.0, 1482.1, 0.0); (371168.9, 3809237.2, 518.9, 1482.1, 0.0);
(371005.1, 3809123.6, 511.1, 1482.1, 0.0); (370967.6, 3809119.5, 510.6, 1482.1, 0.0);
(371050.3, 3809034.1, 513.3, 1482.1, 0.0); (371159.8, 3809089.2, 515.6, 1482.1, 0.0);
(371191.1, 3809104.9, 515.1, 1482.1, 0.0); (371229.0, 3809136.8, 513.5, 1482.1, 0.0);
(371255.6, 3809201.6, 513.9, 1482.1, 0.0); (371268.9, 3809234.0, 514.0, 1482.1, 0.0);
(371282.2, 3809266.4, 519.6, 1482.1, 0.0); (371015.9, 3809024.2, 514.0, 1482.1, 0.0);
(370978.4, 3809020.1, 513.0, 1482.1, 0.0); (371062.1, 3808935.2, 517.7, 1482.1, 0.0);
(371179.0, 3808993.9, 517.0, 1482.1, 0.0); (371212.3, 3809010.7, 517.3, 1482.1, 0.0);
(371245.7, 3809027.5, 516.8, 1482.1, 0.0); (371279.1, 3809044.3, 516.9, 1482.1, 0.0);
(371302.8, 3809070.0, 516.0, 1482.1, 0.0); (371331.2, 3809139.1, 514.8, 1482.1, 0.0);
(371345.4, 3809173.6, 514.9, 1482.1, 0.0); (371026.7, 3808924.8, 518.7, 1482.1, 0.0);
(370989.2, 3808920.7, 516.6, 1482.1, 0.0); (371072.7, 3808835.7, 519.9, 1482.1, 0.0);

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     ( 371105.6, 3808852.2,     519.3,    1482.1,       0.0);         ( 371171.5,
3808885.4,     519.7,    1482.1,       0.0);
     ( 371204.5, 3808901.9,     519.8,    1482.1,       0.0);         ( 371237.4,
3808918.5,     520.1,    1482.1,       0.0);
     ( 371270.3, 3808935.0,     520.0,    1482.1,       0.0);         ( 371303.2,
3808951.6,     520.9,    1482.1,       0.0);
     ( 371336.2, 3808968.2,     526.3,    1482.1,       0.0);         ( 371376.1,
3809001.8,     533.1,    1482.1,       0.0);
     ( 371404.1, 3809070.0,     528.1,    1482.1,       0.0);         ( 371418.1,
3809104.1,     517.9,    1482.1,       0.0);
     ( 371037.5, 3808825.4,     518.7,    1482.1,       0.0);         ( 371000.0,
3808821.3,     518.4,    1482.1,       0.0);
     ( 371083.4, 3808736.2,     523.6,    1482.1,       0.0);         ( 371181.3,
3808785.4,     523.5,    1482.1,       0.0);
     ( 371214.0, 3808801.9,     522.6,    1482.1,       0.0);         ( 371246.6,
3808818.3,     522.9,    1482.1,       0.0);
     ( 371279.2, 3808834.7,     523.2,    1482.1,       0.0);         ( 371311.9,
3808851.1,     523.1,    1482.1,       0.0);
     ( 371344.5, 3808867.5,     527.8,    1482.1,       0.0);         ( 371377.2,
3808884.0,     534.8,    1482.1,       0.0);
     ( 371409.8, 3808900.4,     539.8,    1482.1,       0.0);         ( 371449.4,
3808933.7,     529.8,    1482.1,       0.0);
     ( 371477.2, 3809001.3,     520.5,    1482.1,       0.0);         ( 371491.0,
3809035.1,     521.7,    1482.1,       0.0);
     ( 371504.9, 3809068.9,     519.7,    1482.1,       0.0);         ( 371048.3,
3808725.9,     523.7,    1482.1,       0.0);
     ( 371010.8, 3808721.9,     527.3,    1482.1,       0.0);         ( 371130.6,
3809235.7,     522.6,    1482.1,       0.0);
     ( 371235.1, 3809238.1,     514.6,    1482.1,       0.0);         ( 371227.0,
3809208.9,     513.8,    1482.1,       0.0);
     ( 371323.3, 3809182.2,     514.9,    1482.1,       0.0);         ( 371427.8,
3809184.6,     517.2,    1482.1,       0.0);
     ( 371524.1, 3809157.8,     519.0,    1482.1,       0.0);         ( 370932.6,
3809258.3,     515.0,    1482.1,       0.0);
     ( 370899.1, 3809241.0,     510.7,    1482.1,       0.0);         ( 370927.3,
3809227.5,     514.4,    1482.1,       0.0);
     ( 370938.8, 3809205.3,     510.4,    1482.1,       0.0);         ( 370983.8,
3809200.3,     511.7,    1482.1,       0.0);
     ( 370950.3, 3809183.0,     508.4,    1482.1,       0.0);         ( 371097.0,
3809194.3,     514.5,    1482.1,       0.0);
     ( 371029.6, 3809111.5,     512.5,    1482.1,       0.0);         ( 370996.1,
3809094.2,     511.6,    1482.1,       0.0);
     ( 371087.1, 3809036.9,     513.7,    1482.1,       0.0);         ( 371133.8,
3809094.3,     515.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***       08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       11:32:39

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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371157.0, 3809122.9, 514.0, 1482.1, 0.0); (371180.4, 3809151.6, 513.1, 1482.1, 0.0);
(371042.0, 3809005.3, 514.9, 1482.1, 0.0); (371204.5, 3809036.0, 517.1, 1482.1, 0.0);
(371252.0, 3809094.5, 514.9, 1482.1, 0.0); (371275.8, 3809123.7, 515.3, 1482.1, 0.0);
(371299.6, 3809152.9, 514.4, 1482.1, 0.0); (371121.3, 3808933.7, 517.6, 1482.1, 0.0);
(371087.8, 3808916.4, 517.9, 1482.1, 0.0); (371247.5, 3808943.7, 519.3, 1482.1, 0.0);
(371327.9, 3809042.5, 517.9, 1482.1, 0.0); (371350.8, 3809070.7, 518.6, 1482.1, 0.0);
(371373.8, 3809099.0, 519.8, 1482.1, 0.0); (371167.2, 3808844.9, 520.7, 1482.1, 0.0);
(371133.7, 3808827.6, 520.6, 1482.1, 0.0); (371317.9, 3808885.0, 521.4, 1482.1, 0.0);
(371387.8, 3808971.0, 532.0, 1482.1, 0.0); (371411.2, 3808999.7, 532.6, 1482.1, 0.0);
(371434.5, 3809028.3, 523.4, 1482.1, 0.0); (371457.8, 3809057.0, 518.9, 1482.1, 0.0);
(371179.5, 3808738.7, 523.8, 1482.1, 0.0); (370867.5, 3809234.6, 506.9, 1482.1, 0.0);
(370843.1, 3809230.5, 505.7, 1482.1, 0.0); (370895.9, 3809213.9, 508.4, 1482.1, 0.0);
(370871.6, 3809209.9, 506.0, 1482.1, 0.0); (370900.0, 3809189.3, 508.3, 1482.1, 0.0);
(370875.7, 3809185.2, 507.2, 1482.1, 0.0); (370918.8, 3809169.5, 507.6, 1482.1, 0.0);
(370879.8, 3809160.6, 508.4, 1482.1, 0.0); (370940.2, 3809072.5, 513.3, 1482.1, 0.0);
(370896.3, 3809061.9, 514.2, 1482.1, 0.0); (370959.1, 3808974.7, 514.1, 1482.1, 0.0);
(370937.0, 3808967.4, 515.1, 1482.1, 0.0); (371012.3, 3808888.3, 518.3, 1482.1, 0.0);
(371051.5, 3808901.3, 517.9, 1482.1, 0.0); (371011.9, 3808784.0, 518.3, 1482.1, 0.0);
(371053.9, 3808798.0, 519.7, 1482.1, 0.0); (371095.9, 3808812.0, 520.6, 1482.1, 0.0);
(370945.6, 3808766.0, 521.0, 1482.1, 0.0); (370921.3, 3808762.0, 524.9, 1482.1, 0.0);
(371008.4, 3808678.8, 533.3, 1482.1, 0.0); (371030.5, 3808686.1, 530.4, 1482.1, 0.0);
(371052.5, 3808693.4, 525.2, 1482.1, 0.0); (371074.6, 3808700.8, 523.7, 1482.1, 0.0);

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     ( 371096.6, 3808708.1,     522.5,    1482.1,       0.0);         ( 371118.7,
3808715.4,     522.3,    1482.1,       0.0);
     ( 371140.8, 3808722.8,     523.2,    1482.1,       0.0);         ( 370986.4,
3808671.4,     528.6,    1482.1,       0.0);
     ( 370962.1, 3808667.4,     527.9,    1482.1,       0.0);         ( 370937.8,
3808663.3,     530.1,    1482.1,       0.0);
     ( 371339.0, 3809255.2,     514.6,    1482.1,       0.0);         ( 371439.0,
3809255.2,     515.9,    1482.1,       0.0);
     ( 370908.9, 3809261.4,     513.4,    1482.1,       0.0);         ( 371333.8,
3809341.7,     538.6,    1482.1,       0.0);
     ( 371397.8, 3809452.7,     529.9,    1482.1,       0.0);         ( 370889.7,
3809134.2,     511.2,    1482.1,       0.0);
     ( 370883.2, 3809091.0,     514.2,    1482.1,       0.0);         ( 370876.7,
3809047.8,     513.0,    1482.1,       0.0);
     ( 370914.4, 3809130.5,     511.7,    1482.1,       0.0);         ( 370907.9,
3809087.3,     515.1,    1482.1,       0.0);
     ( 370898.2, 3809022.4,     514.5,    1482.1,       0.0);         ( 370942.4,
3809148.4,     509.4,    1482.1,       0.0);
     ( 370935.9, 3809105.2,     512.7,    1482.1,       0.0);         ( 370926.2,
3809040.3,     515.5,    1482.1,       0.0);
     ( 370965.2, 3809161.8,     508.3,    1482.1,       0.0);         ( 370950.9,
3809036.6,     512.4,    1482.1,       0.0);
     ( 371059.1, 3809191.4,     512.4,    1482.1,       0.0);         ( 371062.8,
3809108.2,     512.8,    1482.1,       0.0);
     ( 371151.9, 3809028.6,     515.8,    1482.1,       0.0);         ( 371259.2,
3809141.2,     514.6,    1482.1,       0.0);
     ( 371257.3, 3809057.0,     515.9,    1482.1,       0.0);         ( 371355.5,
3809149.4,     515.1,    1482.1,       0.0);
     ( 371338.6, 3809299.0,     521.4,    1482.1,       0.0);         ( 371349.7,
3808998.9,     526.3,    1482.1,       0.0);
     ( 371457.0, 3809111.5,     517.6,    1482.1,       0.0);         ( 371445.4,
3809214.1,     516.5,    1482.1,       0.0);
     ( 371436.2, 3809296.1,     515.4,    1482.1,       0.0);         ( 371431.6,
3809337.1,     516.2,    1482.1,       0.0);
     ( 371451.8, 3809005.7,     520.7,    1482.1,       0.0);         ( 370877.6,
3809012.0,     513.9,    1482.1,       0.0);
     ( 370881.8, 3808989.5,     513.8,    1482.1,       0.0);         ( 370890.3,
3808944.6,     516.2,    1482.1,       0.0);
     ( 370894.6, 3808922.1,     518.2,    1482.1,       0.0);         ( 370898.8,
3808899.6,     520.2,    1482.1,       0.0);
     ( 370914.9, 3808949.2,     518.5,    1482.1,       0.0);         ( 370919.2,
3808926.7,     518.3,    1482.1,       0.0);
     ( 370923.4, 3808904.2,     518.9,    1482.1,       0.0);         ( 370931.9,
3808859.3,     523.5,    1482.1,       0.0);
     ( 370931.0, 3808998.8,     515.4,    1482.1,       0.0);         ( 370943.7,
3808931.4,     515.2,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370948.0, 3808908.9, 516.8, 1482.1, 0.0); (370956.5, 3808863.9, 521.9, 1482.1, 0.0);
(370955.5, 3809003.5, 513.3, 1482.1, 0.0); (370968.3, 3808936.0, 514.9, 1482.1, 0.0);
(370976.8, 3808891.0, 517.0, 1482.1, 0.0); (371173.3, 3808928.2, 518.4, 1482.1, 0.0);
(371267.3, 3808969.3, 521.6, 1482.1, 0.0); (371344.3, 3809100.3, 517.7, 1482.1, 0.0);
(371459.6, 3809029.0, 519.3, 1482.1, 0.0); (370904.5, 3808837.5, 524.4, 1482.1, 0.0);
(370892.3, 3808816.4, 526.1, 1482.1, 0.0); (370880.1, 3808795.3, 527.1, 1482.1, 0.0);
(370926.1, 3808825.0, 524.2, 1482.1, 0.0); (370914.0, 3808803.9, 525.4, 1482.1, 0.0);
(370901.8, 3808782.8, 526.2, 1482.1, 0.0); (370950.7, 3808829.6, 523.0, 1482.1, 0.0);
(370935.6, 3808791.4, 522.5, 1482.1, 0.0); (370973.3, 3808822.8, 520.0, 1482.1, 0.0);
(370977.2, 3808845.7, 520.2, 1482.1, 0.0); (370969.4, 3808800.0, 519.0, 1482.1, 0.0);
(371056.0, 3808750.0, 522.2, 1482.1, 0.0); (371158.2, 3808791.5, 522.7, 1482.1, 0.0);
(371162.0, 3808814.3, 521.8, 1482.1, 0.0); (371142.7, 3808700.0, 523.0, 1482.1, 0.0);
(371130.5, 3808679.0, 522.8, 1482.1, 0.0); (371118.3, 3808657.9, 523.9, 1482.1, 0.0);
(371233.2, 3808672.9, 526.9, 1482.1, 0.0); (371237.0, 3808695.8, 526.1, 1482.1, 0.0);
(371240.9, 3808718.6, 525.4, 1482.1, 0.0); (371244.8, 3808741.5, 524.9, 1482.1, 0.0);
(371264.2, 3808855.8, 521.8, 1482.1, 0.0); (371229.3, 3808650.1, 527.4, 1482.1, 0.0);
(371217.1, 3808629.0, 527.2, 1482.1, 0.0); (371205.0, 3808607.9, 526.6, 1482.1, 0.0);
(371319.8, 3808623.0, 529.5, 1482.1, 0.0); (371323.7, 3808645.8, 529.1, 1482.1, 0.0);
(371327.5, 3808668.7, 528.4, 1482.1, 0.0); (371331.4, 3808691.5, 527.7, 1482.1, 0.0);
(371335.3, 3808714.4, 527.1, 1482.1, 0.0); (371339.2, 3808737.2, 526.5, 1482.1, 0.0);
(371343.0, 3808760.1, 525.3, 1482.1, 0.0); (371346.9, 3808782.9, 524.8, 1482.1, 0.0);

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     ( 371315.9, 3808600.1,     529.7,    1482.1,       0.0);         ( 371303.7,
3808579.0,     530.2,    1482.1,       0.0);
     ( 371291.6, 3808558.0,     530.6,    1482.1,       0.0);         ( 371406.4,
3808573.0,     532.6,    1482.1,       0.0);
     ( 371410.3, 3808595.8,     531.6,    1482.1,       0.0);         ( 371414.2,
3808618.7,     530.7,    1482.1,       0.0);
     ( 371418.0, 3808641.5,     530.3,    1482.1,       0.0);         ( 371421.9,
3808664.4,     529.5,    1482.1,       0.0);
     ( 371425.8, 3808687.3,     528.9,    1482.1,       0.0);         ( 371429.7,
3808710.1,     528.4,    1482.1,       0.0);
     ( 371433.5, 3808733.0,     527.8,    1482.1,       0.0);         ( 371437.4,
3808755.8,     528.0,    1482.1,       0.0);
     ( 371441.3, 3808778.7,     531.5,    1482.1,       0.0);         ( 371445.2,
3808801.5,     536.3,    1482.1,       0.0);
     ( 371449.1, 3808824.4,     539.0,    1482.1,       0.0);         ( 371453.0,
3808847.2,     539.7,    1482.1,       0.0);
     ( 371464.6, 3808915.8,     535.9,    1482.1,       0.0);         ( 371402.5,
3808550.1,     533.3,    1482.1,       0.0);
     ( 371390.4, 3808529.1,     533.6,    1482.1,       0.0);         ( 371378.2,
3808508.0,     534.0,    1482.1,       0.0);
     ( 370877.6, 3808756.3,     527.6,    1482.1,       0.0);         ( 370874.8,
3808732.0,     528.8,    1482.1,       0.0);
     ( 370872.0, 3808707.7,     530.5,    1482.1,       0.0);         ( 370899.6,
3808729.1,     528.1,    1482.1,       0.0);
     ( 370896.8, 3808704.8,     530.3,    1482.1,       0.0);         ( 370924.5,
3808726.2,     526.3,    1482.1,       0.0);
     ( 370921.6, 3808701.9,     529.0,    1482.1,       0.0);         ( 370949.3,
3808723.3,     522.8,    1482.1,       0.0);
     ( 370946.5, 3808699.0,     524.9,    1482.1,       0.0);         ( 371255.8,
3808761.4,     524.6,    1482.1,       0.0);
     ( 371448.8, 3808689.6,     529.1,    1482.1,       0.0);         ( 371445.9,
3808665.3,     529.7,    1482.1,       0.0);
     ( 371443.1, 3808641.0,     530.4,    1482.1,       0.0);         ( 370845.5,
3808685.6,     531.6,    1482.1,       0.0);
     ( 370821.2, 3808687.2,     532.1,    1482.1,       0.0);         ( 370861.5,
3808666.4,     534.0,    1482.1,       0.0);
     ( 370859.8, 3808641.5,     535.2,    1482.1,       0.0);         ( 370904.0,
3808669.2,     531.9,    1482.1,       0.0);
     ( 370858.1, 3808616.5,     537.4,    1482.1,       0.0);         ( 370893.5,
3808628.0,     533.6,    1482.1,       0.0);
     ( 370874.2, 3808524.1,     543.2,    1482.1,       0.0);         ( 370914.5,
3808537.2,     539.9,    1482.1,       0.0);
     ( 370954.9, 3808550.3,     538.1,    1482.1,       0.0);         ( 370985.2,
3808575.5,     538.4,    1482.1,       0.0);
     ( 371005.4, 3808612.8,     533.4,    1482.1,       0.0);         ( 371025.6,
3808650.1,     533.3,    1482.1,       0.0);
     ( 370890.7, 3808431.8,     563.8,    1482.1,       0.0);         ( 370933.1,
3808445.6,     552.2,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370975.5, 3808459.3, 543.9, 1482.1, 0.0); (371017.8, 3808473.1, 538.2, 1482.1, 0.0);
(371049.6, 3808499.5, 537.3, 1482.1, 0.0); (371070.9, 3808538.7, 536.8, 1482.1, 0.0);
(371092.1, 3808577.9, 531.1, 1482.1, 0.0); (371113.3, 3808617.0, 529.0, 1482.1, 0.0);
(370907.5, 3808339.6, 542.9, 1482.1, 0.0); (370929.2, 3808346.7, 549.0, 1482.1, 0.0);
(370950.9, 3808353.8, 552.7, 1482.1, 0.0); (370972.6, 3808360.8, 550.4, 1482.1, 0.0);
(370994.4, 3808367.8, 544.7, 1482.1, 0.0); (371016.1, 3808374.9, 543.0, 1482.1, 0.0);
(371037.8, 3808381.9, 542.4, 1482.1, 0.0); (371059.5, 3808389.0, 541.7, 1482.1, 0.0);
(371081.3, 3808396.0, 541.0, 1482.1, 0.0); (371113.9, 3808423.2, 538.6, 1482.1, 0.0);
(371124.8, 3808443.3, 537.9, 1482.1, 0.0); (371135.6, 3808463.4, 538.3, 1482.1, 0.0);
(371146.5, 3808483.4, 537.9, 1482.1, 0.0); (371157.4, 3808503.5, 534.6, 1482.1, 0.0);
(371168.3, 3808523.6, 531.1, 1482.1, 0.0); (371179.2, 3808543.7, 530.1, 1482.1, 0.0);
(371190.0, 3808563.8, 528.6, 1482.1, 0.0); (371200.9, 3808583.9, 526.5, 1482.1, 0.0);
(370924.2, 3808247.5, 543.6, 1482.1, 0.0); (370946.3, 3808254.6, 547.3, 1482.1, 0.0);
(370968.4, 3808261.8, 551.2, 1482.1, 0.0); (370990.4, 3808269.0, 559.0, 1482.1, 0.0);
(371012.5, 3808276.1, 561.0, 1482.1, 0.0); (371034.6, 3808283.3, 554.5, 1482.1, 0.0);
(371056.6, 3808290.4, 547.6, 1482.1, 0.0); (371078.7, 3808297.6, 551.2, 1482.1, 0.0);
(371100.8, 3808304.8, 555.9, 1482.1, 0.0); (371122.8, 3808311.9, 556.8, 1482.1, 0.0);
(371144.9, 3808319.1, 552.0, 1482.1, 0.0); (371178.0, 3808346.6, 541.7, 1482.1, 0.0);
(371189.1, 3808367.0, 540.5, 1482.1, 0.0); (371200.1, 3808387.4, 540.7, 1482.1, 0.0);
(371211.2, 3808407.8, 540.0, 1482.1, 0.0); (371222.2, 3808428.2, 535.8, 1482.1, 0.0);

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     ( 371233.3, 3808448.6,     534.2,    1482.1,       0.0);         ( 371244.3,
3808469.0,     533.1,    1482.1,       0.0);
     ( 371255.4, 3808489.4,     532.7,    1482.1,       0.0);         ( 371266.4,
3808509.8,     531.2,    1482.1,       0.0);
     ( 371277.5, 3808530.2,     530.5,    1482.1,       0.0);         ( 370918.7,
3808148.1,     556.5,    1482.1,       0.0);
     ( 370941.0, 3808155.3,     559.3,    1482.1,       0.0);         ( 370963.3,
3808162.5,     555.4,    1482.1,       0.0);
     ( 370985.6, 3808169.8,     552.4,    1482.1,       0.0);         ( 371007.9,
3808177.0,     564.9,    1482.1,       0.0);
     ( 371030.2, 3808184.2,     572.2,    1482.1,       0.0);         ( 371052.5,
3808191.5,     571.4,    1482.1,       0.0);
     ( 371074.8, 3808198.7,     566.3,    1482.1,       0.0);         ( 371097.1,
3808206.0,     562.3,    1482.1,       0.0);
     ( 371119.4, 3808213.2,     560.6,    1482.1,       0.0);         ( 371141.7,
3808220.4,     560.1,    1482.1,       0.0);
     ( 371164.0, 3808227.7,     556.5,    1482.1,       0.0);         ( 371186.3,
3808234.9,     547.5,    1482.1,       0.0);
     ( 371208.6, 3808242.1,     546.1,    1482.1,       0.0);         ( 371242.1,
3808270.0,     545.0,    1482.1,       0.0);
     ( 371253.3, 3808290.6,     544.4,    1482.1,       0.0);         ( 371264.4,
3808311.2,     543.9,    1482.1,       0.0);
     ( 371275.6, 3808331.8,     542.0,    1482.1,       0.0);         ( 371286.8,
3808352.4,     538.6,    1482.1,       0.0);
     ( 371297.9, 3808373.0,     537.8,    1482.1,       0.0);         ( 371309.1,
3808393.7,     536.9,    1482.1,       0.0);
     ( 371320.3, 3808414.3,     536.0,    1482.1,       0.0);         ( 371331.4,
3808434.9,     535.8,    1482.1,       0.0);
     ( 371342.6, 3808455.5,     534.9,    1482.1,       0.0);         ( 371353.8,
3808476.1,     534.5,    1482.1,       0.0);
     ( 370807.2, 3808111.9,     547.3,    1482.1,       0.0);         ( 370782.9,
3808113.5,     540.9,    1482.1,       0.0);
     ( 370850.8, 3808734.6,     529.6,    1482.1,       0.0);         ( 370853.2,
3808759.5,     528.7,    1482.1,       0.0);
     ( 370861.0, 3809110.4,     514.7,    1482.1,       0.0);         ( 370826.6,
3808651.5,     534.9,    1482.1,       0.0);
     ( 370934.2, 3808562.5,     538.1,    1482.1,       0.0);         ( 370954.8,
3808592.6,     538.0,    1482.1,       0.0);
     ( 370975.4, 3808622.7,     534.8,    1482.1,       0.0);         ( 370903.3,
3808517.4,     542.8,    1482.1,       0.0);
     ( 370972.0, 3808481.4,     540.5,    1482.1,       0.0);         ( 370992.6,
3808511.5,     538.1,    1482.1,       0.0);
     ( 371013.2, 3808541.6,     538.0,    1482.1,       0.0);         ( 371033.8,
3808571.7,     536.8,    1482.1,       0.0);
     ( 371054.4, 3808601.7,     531.5,    1482.1,       0.0);         ( 371075.0,
3808631.8,     528.9,    1482.1,       0.0);
     ( 371095.6, 3808661.9,     525.4,    1482.1,       0.0);         ( 371095.7,
3808788.8,     521.1,    1482.1,       0.0);
     ( 370930.8, 3808421.3,     557.2,    1482.1,       0.0);         ( 371009.8,
3808400.3,     542.9,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371030.4, 3808430.4, 541.0, 1482.1, 0.0); (371051.0, 3808460.5, 538.8, 1482.1, 0.0);
(371071.6, 3808490.5, 537.4, 1482.1, 0.0); (371092.2, 3808520.6, 537.8, 1482.1, 0.0);
(371112.8, 3808550.7, 531.7, 1482.1, 0.0); (371133.4, 3808580.8, 530.1, 1482.1, 0.0);
(371154.0, 3808610.9, 527.1, 1482.1, 0.0); (371174.6, 3808640.9, 525.2, 1482.1, 0.0);
(371195.2, 3808671.0, 525.7, 1482.1, 0.0); (371105.2, 3808888.3, 518.5, 1482.1, 0.0);
(371015.2, 3808978.7, 516.5, 1482.1, 0.0); (370958.2, 3808325.1, 551.7, 1482.1, 0.0);
(370922.7, 3808315.0, 540.4, 1482.1, 0.0); (370996.0, 3808244.0, 560.2, 1482.1, 0.0);
(371047.5, 3808319.2, 544.3, 1482.1, 0.0); (371068.1, 3808349.3, 543.3, 1482.1, 0.0);
(371212.4, 3808559.8, 528.6, 1482.1, 0.0); (371233.0, 3808589.9, 527.4, 1482.1, 0.0);
(371253.6, 3808620.0, 528.5, 1482.1, 0.0); (371274.2, 3808650.1, 528.0, 1482.1, 0.0);
(371294.8, 3808680.1, 527.9, 1482.1, 0.0); (371320.6, 3808781.2, 524.6, 1482.1, 0.0);
(371114.8, 3808987.9, 515.7, 1482.1, 0.0); (371089.0, 3809013.7, 514.3, 1482.1, 0.0);
(370967.9, 3808223.9, 545.4, 1482.1, 0.0); (371023.5, 3808147.8, 568.4, 1482.1, 0.0);
(371075.0, 3808223.0, 569.6, 1482.1, 0.0); (371095.6, 3808253.1, 563.4, 1482.1, 0.0);
(371116.2, 3808283.2, 560.9, 1482.1, 0.0); (371342.9, 3808614.1, 530.5, 1482.1, 0.0);
(371363.5, 3808644.1, 529.3, 1482.1, 0.0); (371384.1, 3808674.2, 528.3, 1482.1, 0.0);
(371404.7, 3808704.3, 527.9, 1482.1, 0.0); (371420.2, 3808790.3, 530.9, 1482.1, 0.0);
(371394.4, 3808816.1, 526.4, 1482.1, 0.0); (371291.5, 3808919.5, 520.3, 1482.1, 0.0);
(371175.8, 3809035.7, 516.7, 1482.1, 0.0); (371111.5, 3809100.3, 514.5, 1482.1, 0.0);

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     ( 371085.7, 3809126.1,     512.9,    1482.1,       0.0);         ( 371021.4,
3809190.7,     511.2,    1482.1,       0.0);
     ( 370931.4, 3809281.2,     511.3,    1482.1,       0.0);         ( 370995.4,
3808127.7,     571.2,    1482.1,       0.0);
     ( 370822.8, 3808712.2,     530.9,    1482.1,       0.0);         ( 370847.1,
3808710.6,     530.5,    1482.1,       0.0);
     ( 370858.5, 3808807.8,     526.9,    1482.1,       0.0);         ( 370882.8,
3808850.0,     524.0,    1482.1,       0.0);
     ( 370848.8, 3809029.9,     512.4,    1482.1,       0.0);         ( 370868.2,
3809159.5,     508.1,    1482.1,       0.0);
     ( 370839.0, 3809234.1,     505.6,    1482.1,       0.0);         ( 370839.0,
3809255.2,     506.0,    1482.1,       0.0);
     ( 370887.7, 3809263.3,     511.1,    1482.1,       0.0);         ( 370937.9,
3809289.2,     509.6,    1482.1,       0.0);
     ( 370946.0, 3809318.4,     503.8,    1482.1,       0.0);         ( 371002.3,
3809324.5,     509.0,    1482.1,       0.0);
     ( 371003.7, 3809369.9,     500.0,    1482.1,       0.0);         ( 371137.8,
3809366.2,     499.3,    1482.1,       0.0);
     ( 371225.6, 3809364.7,     528.8,    1482.1,       0.0);         ( 371212.1,
3809444.2,     516.7,    1482.1,       0.0);
     ( 371189.7, 3809473.3,     508.4,    1482.1,       0.0);         ( 371178.5,
3809515.8,     496.6,    1482.1,       0.0);
     ( 371208.7, 3809569.0,     495.7,    1482.1,       0.0);         ( 371216.7,
3809697.1,     499.6,    1482.1,       0.0);
     ( 371211.6, 3809719.4,     500.9,    1482.1,       0.0);         ( 371195.1,
3809860.3,     503.2,    1482.1,       0.0);
     ( 371186.5, 3809871.8,     501.2,    1482.1,       0.0);         ( 371200.1,
3809894.8,     494.9,    1482.1,       0.0);
     ( 371192.9, 3810052.3,     510.7,    1482.1,       0.0);         ( 371165.6,
3810045.9,     506.9,    1482.1,       0.0);
     ( 371154.1, 3810042.3,     505.2,    1482.1,       0.0);         ( 371154.1,
3810059.5,     510.1,    1482.1,       0.0);
     ( 371146.2, 3810064.6,     510.8,    1482.1,       0.0);         ( 371023.9,
3810055.9,     495.5,    1482.1,       0.0);
     ( 371015.3, 3810023.6,     491.7,    1482.1,       0.0);         ( 370757.8,
3809977.5,     486.9,    1482.1,       0.0);
     ( 370666.5, 3810061.0,     481.7,    1482.1,       0.0);         ( 370592.0,
3810093.1,     481.1,    1482.1,       0.0);
     ( 370548.0, 3810094.0,     481.0,    1482.1,       0.0);         ( 370528.6,
3810117.7,     479.9,    1482.1,       0.0);
     ( 370503.2, 3810116.8,     479.9,    1482.1,       0.0);         ( 370485.4,
3810094.0,     480.9,    1482.1,       0.0);
     ( 370430.4, 3810099.9,     481.4,    1482.1,       0.0);         ( 370313.6,
3810112.6,     481.1,    1482.1,       0.0);
     ( 370298.4, 3810127.0,     481.4,    1482.1,       0.0);         ( 370224.0,
3810150.7,     487.0,    1482.1,       0.0);
     ( 370196.0, 3810182.0,     479.4,    1482.1,       0.0);         ( 370170.7,
3810183.7,     478.7,    1482.1,       0.0);
     ( 370135.1, 3810190.4,     482.0,    1482.1,       0.0);         ( 370108.0,
3810175.2,     491.4,    1482.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369907.5, 3810133.7, 476.8, 1482.1, 0.0); (369878.8,
3810142.2, 476.2, 1482.1, 0.0);
(369864.4, 3810132.9, 475.6, 1482.1, 0.0); (369868.6,
3810116.0, 475.7, 1482.1, 0.0);
(369829.7, 3810091.4, 476.1, 1482.1, 0.0); (369822.1,
3810071.1, 476.6, 1482.1, 0.0);
(369832.2, 3810050.0, 477.5, 1482.1, 0.0); (369850.0,
3810046.6, 477.5, 1482.1, 0.0);
(370020.0, 3810114.3, 477.2, 1482.1, 0.0); (370020.0,
3810077.0, 478.0, 1482.1, 0.0);
(370037.0, 3810070.3, 478.2, 1482.1, 0.0); (370049.7,
3810076.2, 478.0, 1482.1, 0.0);
(370079.3, 3810067.7, 478.0, 1482.1, 0.0); (370097.0,
3810031.4, 483.0, 1482.1, 0.0);
(370116.5, 3810027.1, 483.0, 1482.1, 0.0); (370171.5,
3810050.8, 495.3, 1482.1, 0.0);
(370186.7, 3810037.3, 503.4, 1482.1, 0.0); (370218.0,
3810033.0, 492.7, 1482.1, 0.0);
(370226.5, 3810041.5, 492.3, 1482.1, 0.0); (370244.3,
3810028.0, 486.4, 1482.1, 0.0);
(370289.1, 3810031.4, 483.3, 1482.1, 0.0); (370324.6,
3810044.9, 482.5, 1482.1, 0.0);
(370467.6, 3810030.5, 484.0, 1482.1, 0.0); (370478.6,
3810028.0, 484.1, 1482.1, 0.0);
(370489.6, 3810000.9, 485.2, 1482.1, 0.0); (370531.1,
3809993.3, 485.2, 1482.1, 0.0);
(370549.7, 3809988.2, 485.4, 1482.1, 0.0); (370578.5,
3809984.0, 485.9, 1482.1, 0.0);
(370638.6, 3809975.5, 499.1, 1482.1, 0.0); (370652.9,
3809970.4, 499.8, 1482.1, 0.0);
(370655.5, 3809958.6, 495.9, 1482.1, 0.0); (370597.9,
3809958.6, 490.7, 1482.1, 0.0);
(370524.3, 3809960.3, 487.4, 1482.1, 0.0); (370494.7,
3809938.3, 486.8, 1482.1, 0.0);
(370450.7, 3809941.7, 486.3, 1482.1, 0.0); (370431.3,
3809942.5, 486.5, 1482.1, 0.0);

```
     ( 370427.0, 3809924.8,     486.3,    1482.1,       0.0);         ( 370430.4,
3809906.1,     486.6,    1482.1,       0.0);
     ( 370408.4, 3809902.8,     486.4,    1482.1,       0.0);         ( 370394.0,
3809710.7,     490.2,    1482.1,       0.0);
     ( 370394.9, 3809696.3,     490.6,    1482.1,       0.0);         ( 370402.5,
3809685.3,     491.2,    1482.1,       0.0);
     ( 370426.2, 3809701.4,     490.8,    1482.1,       0.0);         ( 370426.2,
3809625.2,     499.2,    1482.1,       0.0);
     ( 370439.7, 3809600.7,     501.9,    1482.1,       0.0);         ( 370503.2,
3809546.5,     499.4,    1482.1,       0.0);
     ( 370698.6, 3809431.5,     500.4,    1482.1,       0.0);         ( 370715.5,
3809438.2,     500.2,    1482.1,       0.0);
     ( 370766.3, 3809401.0,     502.0,    1482.1,       0.0);         ( 370767.2,
3809342.6,     503.3,    1482.1,       0.0);
     ( 370734.2, 3809307.1,     501.8,    1482.1,       0.0);         ( 370739.2,
3809271.5,     501.9,    1482.1,       0.0);
     ( 370795.9, 3809270.7,     503.6,    1482.1,       0.0);         ( 370795.9,
3809163.2,     508.6,    1482.1,       0.0);
     ( 370797.6, 3808929.7,     516.4,    1482.1,       0.0);         ( 370806.9,
3808880.6,     522.1,    1482.1,       0.0);
     ( 370809.5, 3808845.1,     524.5,    1482.1,       0.0);         ( 370813.7,
3808830.7,     525.4,    1482.1,       0.0);
     ( 370789.2, 3808796.9,     529.8,    1482.1,       0.0);         ( 370801.0,
3808766.4,     529.4,    1482.1,       0.0);
     ( 370809.5, 3808708.0,     531.5,    1482.1,       0.0);         ( 370812.8,
3808699.6,     532.0,    1482.1,       0.0);
     ( 370848.4, 3808709.7,     530.5,    1482.1,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                   PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                                              *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                  (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0

```
 18 01 01   1 03   -3.4  0.085 -9.000 -9.000 -999.   59.     15.4  0.17   2.01
1.00    0.91  163.   10.0  279.6    9.0
 18 01 01   1 04   -3.6  0.083 -9.000 -9.000 -999.   58.     14.1  0.09   2.01
1.00    1.06  130.   10.0  278.9    9.0
 18 01 01   1 05   -4.0  0.088 -9.000 -9.000 -999.   63.     14.6  0.09   2.01
1.00    1.14  141.   10.0  278.8    9.0
 18 01 01   1 06   -2.5  0.076 -9.000 -9.000 -999.   50.     15.2  0.17   2.01
1.00    0.73  173.   10.0  278.0    9.0
 18 01 01   1 07   -4.0  0.087 -9.000 -9.000 -999.   62.     14.5  0.09   2.01
1.00    1.13  136.   10.0  277.7    9.0
 18 01 01   1 08   -2.4  0.072 -9.000 -9.000 -999.   47.     13.7  0.09   2.01
0.59    0.89  133.   10.0  278.6    9.0
 18 01 01   1 09   24.8  0.157  0.329  0.017   50.  149.    -13.6  0.31   2.01
0.35    0.97  314.    7.9  282.4    9.0
 18 01 01   1 10   89.7  0.133  0.759  0.015  170.  117.     -2.3  0.03   2.01
0.27    1.33   19.    7.9  288.8    9.0
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370795.73	3808683.73	23.66175	370772.52	3808674.46	22.58628
370799.76	3808653.91	22.58940	370749.30	3808665.18	21.85099
370767.60	3808645.43	21.82755	370788.75	3808631.46	21.73436
370815.57	3808629.07	22.11565	370726.09	3808655.91	21.13101
370744.39	3808636.15	21.09138	370762.69	3808616.40	20.94608
370786.67	3808608.22	21.12572	370813.49	3808605.83	21.38374
370633.22	3808618.80	18.42277	370651.53	3808599.05	18.16650
370669.83	3808579.30	18.27758	370688.13	3808559.55	18.62344
370706.43	3808539.80	18.46822	370733.67	3808519.25	17.93986
370760.49	3808516.86	17.55218	370787.31		

3808514.46 17.77834
370814.13 3808512.07 18.03754 370840.95
3808509.67 18.39931
370540.36 3808581.70 16.84388 370558.66
3808561.95 16.52601
370576.97 3808542.20 16.45504 370595.27
3808522.45 16.28447
370613.57 3808502.70 15.77542 370631.87
3808482.95 16.11951
370650.17 3808463.20 16.42472 370668.47
3808443.44 16.73717
370689.61 3808429.48 16.92338 370716.43
3808427.09 16.89144
370743.25 3808424.69 17.33551 370770.07
3808422.30 17.76919
370796.89 3808419.90 17.83857 370823.71
3808417.51 17.86435
370850.53 3808415.11 17.54295 370877.35
3808412.72 16.46110
370447.50 3808544.60 15.83279 370465.80
3808524.85 15.37107
370484.10 3808505.10 15.21954 370502.40
3808485.35 15.23513
370520.71 3808465.60 16.04523 370539.01
3808445.85 16.19166
370557.31 3808426.09 16.38543 370575.61
3808406.34 16.34904
370593.91 3808386.59 16.35960 370612.21
3808366.84 16.51203
370630.51 3808347.09 16.52551 370654.49
3808338.91 16.29546
370681.31 3808336.52 16.72058 370708.13
3808334.12 16.79837
370734.95 3808331.73 16.63322 370761.77
3808329.33 16.58779
370788.60 3808326.94 16.68381 370815.42
3808324.55 16.76389
370842.24 3808322.15 16.77682 370869.06
3808319.76 16.73004
370895.88 3808317.36 16.69455 370354.64
3808507.50 15.68626
370372.94 3808487.75 15.79488 370391.24
3808468.00 15.81922
370409.54 3808448.25 15.78730 370427.84
3808428.50 15.70229
370446.14 3808408.74 15.12152 370464.45
3808388.99 15.53770
370482.75 3808369.24 15.55137 370501.05
3808349.49 15.27542
370519.35 3808329.74 14.40288 370537.65

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3808309.99       14.32290
         370555.95    3808290.24       14.46108                      370574.25
3808270.49       15.06986
         370601.50    3808249.94       14.00008                      370628.32
3808247.54       14.30768
         370655.14    3808245.15       14.47887                      370681.96
3808242.75       14.56981
         370708.78    3808240.36       14.75328                      370735.60
3808237.97       15.04696
         370762.42    3808235.57       15.29672                      370789.24
3808233.18       15.62505
```



```
    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         370816.06    3808230.78       15.68601                      370842.88
3808228.39       15.84213
         370869.70    3808226.00       15.88018                      370896.52
3808223.60       16.16115
         370923.34    3808221.21       16.14211                      370261.77
3808470.40       14.41552
         370280.08    3808450.65       13.67483                      370298.38
3808430.90       11.44198
         370316.68    3808411.15       11.21730                      370334.98
3808391.39       11.71866
```

370353.28 3808371.64 11.80332 370371.58
3808351.89 12.48966
370389.88 3808332.14 14.12935 370408.19
3808312.39 14.54506
370426.49 3808292.64 14.31130 370444.79
3808272.89 13.72532
370463.09 3808253.14 12.82793 370481.39
3808233.39 12.38228
370499.69 3808213.63 12.17651 370517.99
3808193.88 11.90976
370536.30 3808174.13 11.87724 370557.44
3808160.17 11.98708
370584.26 3808157.77 12.44659 370611.08
3808155.38 12.66995
370637.90 3808152.98 12.92554 370664.72
3808150.59 13.12437
370691.54 3808148.20 13.69701 370718.36
3808145.80 14.18265
370745.18 3808143.41 14.74599 370772.00
3808141.01 14.94584
370798.82 3808138.62 14.43130 370825.64
3808136.22 14.36600
370852.46 3808133.83 14.62112 370879.28
3808131.44 14.67067
370906.10 3808129.04 13.70345 370932.92
3808126.65 12.35389
370959.74 3808124.25 11.94525 370784.73
3808704.46 24.16105
370779.09 3808743.38 25.46885 370759.99
3808700.88 22.89086
370754.35 3808739.80 23.94457 370735.25
3808697.29 22.41025
370729.61 3808736.21 23.43057 370713.56
3808682.33 21.15842
370707.68 3808713.17 22.26911 370702.04
3808752.09 22.78670
370615.61 3808664.19 18.83208 370608.72
3808698.83 19.63003
370603.08 3808737.75 20.18201 370517.15
3808647.96 17.04384
370526.30 3808613.82 16.90232 370509.75
3808684.49 17.55925
370504.11 3808723.41 17.56262 370418.49
3808632.48 16.42469
370428.25 3808596.06 16.63618 370410.78
3808670.14 16.30841
370405.14 3808709.06 15.97428 370319.72
3808617.38 15.51688
370329.90 3808579.44 15.55506 370340.07
3808541.51 15.44126

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         370311.82    3808655.80       15.84821                       370306.18
3808694.72       16.23304
         370220.25    3808604.93       15.02129                       370229.41
3808570.79       14.59657
         370238.56    3808536.65       14.63447                       370247.72
3808502.51       14.66268
         370212.85    3808641.46       15.39686                       370207.21
3808680.38       15.74943
         370771.79    3808772.60       25.92897                       370748.49
3808763.53       24.50839
         370719.26    3808769.70       23.68153                       370768.92
3808811.57       26.90294
         370793.46    3808845.41       30.72287                       370744.13
3808814.76       26.11050
         370741.07    3808791.02       25.01133                       370760.95
3808843.16       27.81123
         370721.61    3808823.70       24.53958                       370740.71
3808857.84       25.24507
         370702.13    3808840.29       22.23671                       370691.98
3808793.33       23.25079
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         370720.48    3808872.52       23.29926                       370619.96
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3808895.93 19.02879
370605.38 3808859.20 20.96303 370593.19
3808802.84 21.31180
370597.98 3808763.61 20.63497 370639.52
3808931.22 19.63905
370539.46 3808955.79 22.06440 370525.79
3808921.35 21.09059
370512.13 3808886.91 20.74599 370498.46
3808852.47 19.88252
370493.87 3808816.86 19.71994 370498.35
3808780.07 19.00810
370558.57 3808989.93 20.93243 370458.05
3809013.35 18.23757
370443.47 3808976.61 17.24793 370428.89
3808939.87 19.63255
370414.31 3808903.14 19.35500 370399.73
3808866.40 18.26940
370394.84 3808828.41 18.12164 370399.62
3808789.18 17.27650
370404.41 3808749.95 16.60295 370477.61
3809048.63 20.74809
370376.80 3809071.29 16.85658 370361.61
3809033.02 17.67753
370346.42 3808994.75 19.21233 370331.23
3808956.48 18.76087
370316.04 3808918.22 17.70448 370300.86
3808879.95 16.24079
370295.76 3808840.38 15.71513 370300.74
3808799.51 15.36083
370305.73 3808758.65 16.32279 370310.72
3808717.78 16.48109
370396.66 3809107.34 17.52571 370296.14
3809130.76 17.40821
370281.56 3809094.02 18.11377 370266.98
3809057.29 18.94257
370252.40 3809020.55 18.39241 370237.82
3808983.81 17.73504
370223.24 3808947.07 17.35265 370208.66
3808910.34 17.02875
370196.48 3808853.98 16.55017 370201.26
3808814.75 16.20578
370206.05 3808775.52 16.22423 370210.84
3808736.28 16.11836
370315.70 3809166.05 14.26857 370621.82
3808774.33 21.20602
370525.88 3808746.12 18.75759 370429.94
3808717.92 17.06025
370334.00 3808689.72 16.14724 370238.06
3808661.52 15.87362
370781.99 3808878.87 30.52764 370757.06

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3808877.08       28.25238
         370612.52    3808816.81       21.96786                       370316.18
3808779.36       15.61315
         370228.12    3808707.51       16.10011                       370773.06
3808925.07       30.37298
         370748.50    3808920.41       28.04896                       370723.93
3808915.75       25.94331
         370699.37    3808911.09       22.68088                       370772.45
3808952.90       29.52554
         370772.28    3808976.25       29.23082                       370772.11
3808999.61       29.25425
         370771.94    3809022.96       29.31956                       370771.78
3809046.31       29.39557
         370771.61    3809069.66       29.62971                       370771.44
3809093.01       30.07039
         370771.27    3809116.37       30.81544                       370771.10
3809139.72       32.21002
         370770.93    3809163.07       34.27159                       370747.45
3808952.72       27.36555
         370747.28    3808976.07       27.15178                       370747.11
3808999.42       27.08394
         370746.95    3809022.78       27.37033                       370746.78
3809046.13       27.28756
         370746.61    3809069.48       27.54014                       370746.44
3809092.83       27.94901
         370746.27    3809116.18       28.53331                       370746.10
3809139.54       29.29387
         370745.93    3809162.89       30.26483                       370722.45
3808952.54       25.75277
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370722.28	3808975.89	25.25167	370722.11	3808999.24	25.70866
370721.95	3809022.60	26.06243	370721.78	3809045.95	25.87274
370721.61	3809069.30	25.93446	370721.44	3809092.65	26.22371
370721.27	3809116.00	26.68954	370721.10	3809139.36	27.24922
370720.93	3809162.71	28.04718	370697.45	3808952.36	23.36274
370697.28	3808975.71	23.44333	370697.12	3808999.06	23.92599
370696.95	3809022.41	24.10652	370696.78	3809045.77	24.35971
370696.61	3809069.12	24.40960	370696.44	3809092.47	24.79800
370696.27	3809115.82	25.45859	370696.10	3809139.17	25.65786
370695.93	3809162.53	26.19502	370599.37	3808910.37	19.47192
370597.46	3808951.63	18.89141	370597.29	3808974.99	19.06381
370597.12	3808998.34	19.28580	370596.95	3809021.69	19.56162
370596.78	3809045.04	19.90592	370596.61	3809068.39	20.19429
370596.44	3809091.75	20.47723	370596.27	3809115.10	20.73745
370596.10	3809138.45	20.88762	370595.94	3809161.80	21.17970
370499.38	3808909.65	20.66317	370497.46	3808950.91	20.88637
370497.29	3808974.26	20.29198	370497.12	3808997.61	20.54041
370496.95	3809020.97	20.11071	370496.61	3809067.67	20.22653
370496.44	3809091.02	20.67629	370496.28	3809114.37	21.38379
370496.11	3809137.73	20.00707	370495.94	3809161.08	19.20524
370397.63	3808926.84	18.76920	370397.46	3808950.19	19.61042

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         370397.29    3808973.54       18.91448                       370397.12
3808996.89       17.71987
         370396.95    3809020.24       17.29412                       370396.79
3809043.60       16.95766
         370396.11    3809137.00       20.59395                       370395.94
3809160.36       21.90084
         370297.46    3808949.46       17.45600                       370297.30
3808972.82       17.62388
         370297.13    3808996.17       17.65215                       370296.96
3809019.52       18.76762
         370296.79    3809042.87       19.09036                       370296.62
3809066.22       19.21730
         370201.83    3808882.40       16.78665                       370197.47
3808948.74       17.27834
         370197.30    3808972.09       17.48150                       370197.13
3808995.44       17.53970
         370196.96    3809018.80       16.48746                       370196.79
3809042.15       17.16895
         370196.62    3809065.50       18.58847                       370196.45
3809088.85       17.36753
         370196.28    3809112.20       17.69097                       370196.11
3809135.56       18.55716
         370195.95    3809158.91       19.09919                       370770.93
3809206.23       37.42329
         370770.93    3809249.22       41.37739                       370745.93
3809206.23       32.81486
         370745.93    3809249.22       37.45680                       370720.93
3809206.23       29.82416
         370720.93    3809249.22       32.02513                       370695.93
3809206.23       27.66323
         370695.93    3809249.22       28.20104                       370595.93
3809184.74       21.61908
         370595.93    3809227.73       22.57455                       370595.93
3809270.71       23.19988
         370495.93    3809184.74       20.17786                       370495.93
3809227.73       23.87008
         370495.93    3809270.71       26.13619                       370395.93
3809184.74       22.24429
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370395.93	3809227.73	22.77217	370395.93	3809270.71	19.17361
370295.93	3809184.74	13.93212	370295.93	3809227.73	13.51669
370295.93	3809270.71	13.72753	370195.93	3809184.74	18.72139
370195.93	3809227.73	14.29876	370195.93	3809270.71	11.56203
370795.56	3809245.71	44.19013	370795.19	3809220.72	42.88773
370794.82	3809195.72	41.75810	370794.45	3809170.72	39.46352
370711.95	3809285.78	30.22865	370687.20	3809282.25	27.76805
370673.22	3809245.71	26.46334	370662.45	3809278.71	25.91839
370648.48	3809242.17	25.18834	370664.94	3809211.72	25.57502
370705.46	3809184.03	27.51092	370637.71	3809275.17	24.32357
370549.48	3809228.02	21.33609	370565.94	3809197.57	20.98352
370623.24	3809115.20	21.73028	370655.53	3809102.73	22.99239
370538.71	3809261.02	21.78639	370450.49	3809213.87	23.81955
370466.95	3809183.42	21.93206	370524.56	3809076.82	18.52143
370557.16	3809040.14	19.01560	370621.76	3809015.21	20.21423
370654.05	3809002.74	21.46215	370439.72	3809246.87	20.72809
370351.49	3809199.72	20.19620	370367.95		

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3809169.27       20.02196
         370417.33    3809077.90       17.02517                      370433.79
3809047.45       16.78859
         370466.71    3808986.54       18.08054                      370571.83
3808933.92       20.70702
         370652.57    3808902.75       19.77898                      370684.87
3808890.29       20.89587
         370340.72    3809232.72       18.18320                      370252.50
3809185.57       15.51124
         370268.96    3809155.12       17.12036                      370326.57
3809048.52       18.60072
         370343.03    3809018.07       19.08744                      370367.72
3808972.39       18.98563
         370441.16    3808883.78       18.99976                      370473.46
3808871.32       19.22900
         370521.90    3808852.62       20.60053                      370554.20
3808840.16       20.22474
         370586.50    3808827.69       21.73452                      370634.94
3808809.00       21.96175
         370667.24    3808796.53       22.46015                      370241.73
3809218.57       19.43028
         370153.51    3809171.42       10.94933                      370169.97
3809140.97       12.98877
         370219.34    3809049.60       18.47868                      370260.49
3808973.46       17.40403
         370285.18    3808927.78       17.00138                      370326.33
3808851.64       16.03404
         370358.94    3808814.95       17.07234                      370423.53
3808790.03       17.43863
         370455.83    3808777.56       18.01884                      370552.72
3808740.17       19.23748
         370633.46    3808709.01       20.38983                      370665.76
3808696.54       20.60273
         370142.74    3809204.42       10.46591                      370715.84
3809324.10       35.01032
         370732.34    3809341.87       39.18061                      370748.84
3809359.64       44.33033
         370691.09    3809320.56       31.10133                      370714.02
3809358.88       37.03901
         370730.52    3809376.65       40.91011                      370672.77
3809337.57       30.91949
         370695.70    3809375.89       35.81939                      370712.20
3809393.66       39.71200
         370654.45    3809354.59       30.20917                      370641.59
3809313.49       26.36722
         370677.38    3809392.90       35.02235                      370693.88
3809410.67       39.44748
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370581.17	3809422.63	28.49262	370568.31	3809381.53	24.68320
370555.46	3809340.44	23.48493	370542.60	3809299.34	21.80248
370604.10	3809460.95	35.11261	370507.30	3809488.80	27.77234
370500.29	3809466.39	25.52840	370493.28	3809443.97	23.62837
370486.27	3809421.55	22.23691	370479.25	3809399.14	21.41199
370472.24	3809376.72	20.37099	370465.23	3809354.31	19.37503
370458.22	3809331.89	18.41095	370451.20	3809309.47	17.79528
370444.19	3809287.06	18.49058	370514.32	3809511.22	31.45338
370530.82	3809528.99	38.41195	370434.18	3809557.35	28.55146
370427.32	3809535.43	24.95184	370420.47	3809513.51	22.49692
370413.61	3809491.59	20.81812	370406.75	3809469.67	19.72714
370399.90	3809447.75	18.79855	370393.04	3809425.84	18.01739

370386.18 3809403.92 17.65696 370379.33
3809382.00 17.73475
370372.47 3809360.08 20.76156 370365.61
3809338.16 24.07461
370358.76 3809316.25 24.31130 370351.90
3809294.33 23.66924
370345.04 3809272.41 22.71542 370441.04
3809579.26 34.82133
370360.61 3809624.48 25.09075 370353.47
3809601.64 23.33852
370346.33 3809578.81 21.83776 370339.19
3809555.98 20.37544
370332.04 3809533.15 19.18533 370324.90
3809510.32 18.08716
370317.76 3809487.49 17.10023 370310.62
3809464.66 16.36348
370303.47 3809441.82 18.62301 370296.33
3809418.99 23.95362
370289.19 3809396.16 25.09992 370282.05
3809373.33 24.44246
370274.90 3809350.50 22.03323 370267.76
3809327.67 15.01848
370260.62 3809304.83 12.95502 370253.48
3809282.00 12.64879
370246.33 3809259.17 12.84366 370367.76
3809647.31 26.82660
370384.26 3809665.08 30.20420 370400.76
3809682.85 35.38210
370287.46 3809692.93 19.46899 370280.45
3809670.52 18.99181
370273.44 3809648.10 18.42701 370266.42
3809625.69 17.83924
370259.41 3809603.27 17.22496 370252.40
3809580.85 16.68642
370245.39 3809558.44 16.11611 370238.37
3809536.02 17.77280
370231.36 3809513.60 22.59737 370224.35
3809491.19 23.59895
370217.34 3809468.77 17.61614 370210.32
3809446.35 17.58623
370203.31 3809423.94 21.16889 370196.30
3809401.52 17.10063
370189.29 3809379.11 12.35221 370182.27
3809356.69 11.90336
370175.26 3809334.27 11.59425 370168.25
3809311.86 11.30548
370161.23 3809289.44 11.03031 370154.22
3809267.02 10.80318
370147.21 3809244.61 10.62724 370294.48
3809715.35 20.02230

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370538.15	3809196.32	20.44581	370436.80	3809022.62	17.08020
370864.14	3809066.86	37.74067	370901.29	3808974.02	32.04243
370938.44	3808881.18	27.60005	370666.40	3809421.43	37.09918
370646.86	3809432.94	36.31219	370627.31	3809444.45	35.55722
370568.68	3809478.97	33.31479	370549.13	3809490.48	32.59262
370490.50	3809525.00	31.47953	370653.72	3809399.89	33.06597
370634.17	3809411.40	32.26409	370614.63	3809422.90	31.67057
370575.54	3809445.92	30.07542	370555.99		

3809457.42 29.46063
370536.45 3809468.93 28.68433 370477.81
3809503.45 26.53109
370676.77 3809361.76 32.54443 370641.03
3809378.35 30.53069
370621.49 3809389.85 29.54339 370601.94
3809401.36 28.59353
370543.31 3809435.88 26.20924 370523.76
3809447.39 25.71479
370465.13 3809481.91 23.74214 370628.35
3809356.80 28.15167
370608.81 3809368.31 27.09843 370550.17
3809402.83 24.67991
370530.63 3809414.34 23.95081 370511.08
3809425.84 23.03182
370452.45 3809460.37 21.11389 370618.74
3809252.35 23.72339
370558.07 3809282.14 22.14660 370518.98
3809305.15 26.35300
370499.44 3809316.66 25.55312 370440.80
3809351.18 18.12823
370421.26 3809362.68 17.71443 370401.71
3809374.19 17.48692
370632.76 3809145.87 22.48599 370654.34
3809139.10 23.32833
370546.43 3809172.95 20.06545 370370.52
3809276.51 23.69397
370560.44 3809066.46 19.47636 370625.19
3809046.16 20.84320
370646.78 3809039.39 21.58778 370456.60
3809109.79 20.22597
370437.06 3809121.29 21.79567 370339.33
3809178.83 15.08732
370319.79 3809190.34 14.16192 370574.46
3808959.98 20.83789
370794.94 3808953.51 32.87024 370862.01
3808963.82 34.45824
370347.23 3809058.13 18.01517 370249.51
3809115.67 19.58913
370545.31 3808867.04 20.53923 370566.89
3808860.27 20.97633
370631.64 3808839.96 21.99207 370675.58
3808836.63 22.03371
370899.16 3808870.97 29.33071 370374.68
3808925.93 18.35927
370355.13 3808937.44 18.59751 370471.09
3809541.06 33.06791
370454.86 3809522.04 26.33702 370407.26
3809562.65 25.67599
370391.04 3809543.64 22.78155 370390.67

3809511.08   20.81206
         370357.49   3809407.94   16.62498   370325.76
3809435.01   17.00714
         370322.63   3809308.23   17.37359   370292.58
3809331.87   20.31346
         370244.99   3809372.48   21.91734   370271.89
3809222.05   14.09657
         370221.16   3809135.88   19.63101   370115.17
3809220.34   10.10887
         370127.89   3809080.01   10.94949   370156.25
3809059.81   12.33692
         370097.85   3809103.66   12.79573   370066.12
3809130.73   10.74677
         370417.83   3809588.61   30.26866   370404.29
3809613.15   30.69489

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370389.17   3809588.81   25.89207   370374.05
3809564.46   23.06752
         370359.71   3809543.13   21.03451   370272.16
3809494.82   15.84331
         370287.25   3809476.31   17.36002   370257.84
3809516.34   15.82190

370185.54 3809445.35 12.95557 370219.51
3809403.71 23.82110
370170.28 3809468.03 12.71858 370097.73
3809397.36 11.02194
370114.20 3809377.17 11.11046 370130.67
3809356.98 11.13082
370147.14 3809336.79 11.19142 370082.72
3809419.72 10.86811
370010.65 3809348.46 9.72458 370028.07
3809327.11 9.81892
370045.49 3809305.76 9.92550 370062.91
3809284.40 13.37851
370080.33 3809263.05 14.11574 370097.75
3809241.69 11.03394
369995.17 3809371.41 9.62395 369922.87
3809300.42 9.31271
369939.86 3809279.60 16.18460 369956.84
3809258.78 18.01772
369973.83 3809237.96 17.56378 369990.81
3809217.14 18.39735
370007.80 3809196.32 18.31137 370024.78
3809175.50 16.41295
370041.77 3809154.68 11.63619 369907.61
3809323.10 8.57513
370401.18 3809644.27 32.85619 370376.18
3809701.38 30.12137
370351.18 3809663.31 25.12812 370351.18
3809701.38 25.79501
370330.33 3809609.13 21.72386 370326.18
3809644.27 22.31758
370326.18 3809682.34 22.67747 370230.33
3809609.13 15.86115
370226.18 3809644.27 15.88302 370226.18
3809682.34 15.90851
370130.85 3809607.11 12.23154 370140.18
3809570.88 12.46947
370149.51 3809534.65 12.72009 370158.84
3809498.42 12.72894
370126.18 3809644.27 12.07985 370126.18
3809682.34 12.12402
370030.70 3809607.66 9.79292 370039.75
3809572.53 10.01127
370048.80 3809537.39 10.25446 370057.85
3809502.26 10.40215
370066.90 3809467.13 10.63123 370026.18
3809644.27 9.64135
370026.18 3809682.34 9.61171 369930.62
3809607.98 7.97748
369939.51 3809573.47 8.20249 369948.40
3809538.96 8.34990

```
         369957.29    3809504.46        8.56919                      369966.18
3809469.95        8.86365
         369975.06    3809435.44        9.15231                      369983.95
3809400.94        9.42762
         369926.18    3809644.27        7.92047                      369926.18
3809682.34        7.89158
         369830.85    3809607.11        6.76187                      369840.18
3809570.88        6.94696
         369849.51    3809534.65        7.15320                      369858.84
3809498.42        7.39818
         369868.18    3809462.19        7.68366                      369877.51
3809425.95        7.94036
         369886.84    3809389.72        8.12189                      369896.17
3809353.49        8.35825
         369826.18    3809644.27        6.82977                      369826.18
3809682.34        6.88854
         370416.53    3809664.61       39.76515                      370269.95
3809550.81       16.93333
         370291.25    3809537.01       17.48666                      370355.13
3809495.60       18.68010
         370378.19    3809491.29       19.43323                      370187.72
3809493.92       13.43868
         370240.95    3809459.41       23.43572                      370262.24
3809445.61       21.84903
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
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Y-COORD (M) CONC

- - - -

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3809687.08        8.99125
         369900.38    3809653.38        7.55685                         369909.64
3809626.54        7.69151
         369894.90    3809681.18        7.47938                         369800.51
3809647.59        9.22696
         369809.69    3809620.99        6.61767                         369795.08
3809675.28        6.73076
         370370.90    3809736.56       30.11428                         370372.69
3809760.56       31.05258
         370374.49    3809784.57       31.85792                         370376.29
3809808.58       32.09824
         370378.09    3809832.59       31.31662                         370379.88
3809856.60       29.76585
         370381.68    3809880.61       28.32928                         370383.48
3809904.62       27.07457
         370347.76    3809762.43       26.53422                         370349.56
3809786.44       27.21929
         370351.36    3809810.45       27.69534                         370353.16
3809834.46       27.64046
         370354.95    3809858.47       26.91320                         370356.75
3809882.47       26.03326
         370358.55    3809906.48       25.09746                         370324.63
3809788.31       24.30953
         370326.43    3809812.31       25.02201                         370328.23
3809836.32       25.12148
         370330.02    3809860.33       24.74293                         370331.82
3809884.34       24.10148
         370333.62    3809908.35       23.43590                         370297.90
3809766.16       21.07988
         370299.70    3809790.17       24.50640                         370301.50
3809814.18       27.00979
         370303.30    3809838.19       22.53364                         370305.09
3809862.20       22.78252
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
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, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370306.89	3809886.21	22.52387	370308.69	3809910.22	22.05894
370194.59	3809725.61	14.52655	370196.39	3809749.62	14.80674
370198.18	3809773.63	15.02679	370199.98	3809797.64	17.50342
370201.78	3809821.65	25.36871	370203.58	3809845.66	26.43433
370205.37	3809869.66	24.11183	370207.17	3809893.67	17.04953
370208.97	3809917.68	17.35315	370094.87	3809733.08	11.40381
370096.66	3809757.09	11.58788	370098.46	3809781.10	11.72680
370100.26	3809805.10	11.82338	370102.06	3809829.11	11.94945
370103.85	3809853.12	12.30971	370105.65	3809877.13	12.47334
370107.45	3809901.14	12.70176	370109.25	3809925.15	13.54046
369995.01	3809722.72	9.21464	369996.94	3809764.55	9.45811
369998.74	3809788.56	9.57544	370000.54	3809812.57	9.67222
370002.34	3809836.58	9.75742	370004.13	3809860.59	9.84607
370005.93	3809884.60	10.04458	370007.73	3809908.61	10.31309
370009.53	3809932.61	10.73754	369895.25	3809725.73	7.71457
369897.22	3809772.02	7.93081	369899.02	3809796.03	8.01454
369900.82	3809820.04	8.09461	369902.62	3809844.04	8.18101
369904.41	3809868.05	8.28063	369906.21	3809892.06	8.41534
369908.01	3809916.07	8.60934	369909.81	3809940.08	8.94895

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         369795.55    3809735.43        6.66501                        369797.50
3809779.48        7.44619
         369799.30    3809803.49        7.50378                        369801.10
3809827.50        7.96378
         369802.89    3809851.51        9.93367                        369804.69
3809875.52       10.29955
         369806.49    3809899.53        8.42129                        369808.29
3809923.54        7.41352
         369810.08    3809947.55        8.84745                        370404.61
3809927.46       27.75574
         370386.26    3809944.44       25.43952                        370422.82
3809955.55       28.52377
         370382.47    3809969.15       25.39229                        370346.78
3809938.57       23.37842
         370419.02    3809980.26       28.81980                        370373.82
3809991.28       26.26231
         370326.23    3809950.51       22.33615                        370415.22
3810004.97       30.97245
         370252.83    3810018.42       21.95023                        370235.28
3809978.13       19.32669
         370400.04    3810103.81       34.32484                        370343.45
3810188.96       21.06031
         370304.63    3810168.34       24.12608                        370265.82
3810147.72       28.46591
         370161.88    3810046.04       20.54822                        370144.34
3810005.74       16.57218
         370126.79    3809965.44       15.10566                        370384.85
3810202.65       21.31805
         370328.26    3810287.80       18.04805                        370289.45
3810267.18       17.80134
         370250.64    3810246.56       17.57238                        370211.82
3810225.94       18.26620
         370173.01    3810205.32       19.64229                        370062.16
3810053.50       16.90754
         370044.62    3810013.21       13.78680                        370027.07
3809972.91       12.13082
         370369.67    3810301.49       18.16753                        370313.08
3810386.64       15.58172
         370274.26    3810366.02       15.54634                        370235.45
3810345.40       15.39405
         370196.64    3810324.78       15.20630                        370157.83
3810304.16       15.22021
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*
```

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370119.01	3810283.54	15.81673	370080.20	3810262.92	16.42057
370032.62	3810222.15	18.54980	370015.07	3810181.86	23.78357
369971.21	3810081.12	24.01412	369953.67	3810040.82	15.69517
369936.12	3810000.52	11.77449	370354.48	3810400.33	15.43856
370297.89	3810485.48	14.00153	370259.08	3810464.86	14.39821
370220.27	3810444.24	14.23306	370181.45	3810423.62	13.90231
370142.64	3810403.00	13.50023	370103.83	3810382.38	13.14452
370065.02	3810361.76	13.45221	370026.20	3810341.14	13.86387
369987.39	3810320.52	14.29600	369959.21	3810290.06	14.79206
369941.67	3810249.77	16.19059	369924.12	3810209.47	17.24221
369906.58	3810169.18	18.29043	369845.17	3810028.14	12.45609
369827.63	3809987.84	9.47501	370339.30	3810499.17	13.49655
370405.81	3809901.66	29.51590	370233.63	3809870.41	21.00465
370135.23	3809852.55	13.29911	370036.84	3809834.69	10.40856
369938.45	3809816.83	8.64143	369840.06		

3809798.97 7.34727
  370358.30 3809959.89 23.95215 370232.02
3809954.66 18.53210
  370231.13 3809921.84 18.11467 370133.76
3809941.48 14.84578
  370132.81 3809906.33 13.70551 370035.93
3809944.46 11.64211
  370034.94 3809908.00 10.92346 370033.96
3809871.54 10.53258
  369938.77 3809972.17 10.42468 369937.85
3809937.99 9.40708
  369936.92 3809903.81 8.95881 369935.99
3809869.63 8.76063
  369840.48 3809958.22 9.26550 369839.53
3809923.06 7.74066
  369838.58 3809887.90 7.46581 369837.63
3809852.74 7.35034
  370451.81 3809966.65 31.61878 370452.90
3809991.62 32.65824
  370434.53 3810017.45 35.27043 370403.31
3810032.38 38.08378
  370343.23 3809979.84 23.73391 370421.52
3810136.59 26.18018
  370384.60 3810125.10 27.14850 370347.67
3810113.62 30.93442
  370459.45 3810141.48 26.82636 370426.73
3810236.75 20.85613
  370391.48 3810225.79 20.84971 370356.23
3810214.83 20.44360
  370320.98 3810203.86 20.29998 370285.74
3810192.90 22.31754
  370240.39 3810166.49 25.68253 370463.81
3810241.38 20.70458
  370430.25 3810336.40 17.14359 370393.33
3810324.91 17.44666
  370301.01 3810296.20 17.33868 370264.08
3810284.71 16.92961
  370227.16 3810273.23 16.62926 370179.65
3810245.56 17.29130
  370147.92 3810197.00 20.57872 370468.18
3810341.29 17.00138
  370435.13 3810436.46 14.98304 370399.23
3810425.29 15.14159
  370255.62 3810380.63 15.10558 370219.72
3810369.47 14.79875
  370183.82 3810358.30 14.43548 370147.92
3810347.13 14.18071
  370119.69 3810325.81 14.51478 370099.12
3810294.34 15.38921
  370057.98 3810231.40 17.87465 370037.41

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370472.54   3810441.19   14.88674   370438.98
3810536.21   13.03720
         370402.05   3810524.72   13.08094   370365.13
3810513.24   13.25099
         370272.81   3810484.52   14.05511   370235.88
3810473.04   14.15849
         370198.96   3810461.55   13.92828   370162.03
3810450.07   13.50092
         370125.10   3810438.58   13.07149   370088.18
3810427.10   12.79785
         370059.14   3810405.17   12.65551   370037.98
3810372.80   13.07946
         369985.09   3810291.87   14.96352   369963.93
3810259.50   15.88664
         369942.77   3810227.13   17.22833   369889.88
3810146.20   19.75128
         370476.90   3810541.10   12.88857   370474.63
3809964.91   34.72180
         370476.55   3809989.83   34.97454   370478.46
3810014.76   38.67751

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         370488.04    3810139.39       27.90345                    370495.70
3810239.10       20.77127
         370503.36    3810338.80       17.08278                    370511.02
3810438.51       14.62451
         370518.68    3810538.22       12.64230                    370509.42
3809980.35       39.58101
         370549.44    3809984.71       49.62641                    370573.98
3809984.15       58.36494
         370508.28    3810153.66       26.88198                    370553.46
3810159.66       26.85981
         370577.99    3810159.10       27.01411                    370602.53
3810158.54       26.62555
         370531.22    3810260.20       19.92452                    370555.75
3810259.64       19.92484
         370580.29    3810259.07       19.81305                    370604.83
3810258.51       19.44365
         370533.51    3810360.17       16.22571                    370558.05
3810359.61       15.98069
         370582.58    3810359.05       15.79618                    370607.12
3810358.48       15.52191
         370381.01    3810410.92       15.20815                    370535.81
3810460.15       14.12341
         370560.34    3810459.58       13.92756                    370584.88
3810459.02       13.73335
         370609.42    3810458.46       13.58838                    370538.10
3810560.12       12.15371
         370562.64    3810559.56       11.99423                    370587.18
3810559.00       11.89058
         370611.71    3810558.43       11.77454                    370636.30
3810158.59       25.24693
         370636.30    3810258.59       18.79194                    370636.30
3810358.59       15.20876
         370636.30    3810458.59       13.42964                    370636.30
3810558.59       11.74497
         370628.50    3809965.20       58.63563                    370604.05
3809959.96       56.71136
         370264.36    3809874.76       21.16692                    370166.58
3809853.80       22.99771
         370068.81    3809832.84       11.09872                    370574.99
3809959.21       53.14634
         370534.87    3809384.19       23.67629                    370447.55
3809499.67       23.26056
         370501.33    3809947.91       42.38992                    370438.06
3809603.68       41.36064
         370401.99    3809827.97       37.93096                    370298.85
3809939.14       21.28833
         370243.90    3809844.43       28.44243                    370260.00
3809822.67       30.29663
         370276.09    3809800.90       27.09897                    370135.93
3809827.51       13.11903
```

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369959.07   3809740.82   8.70280   370043.38
3809626.81   9.98133
         370060.24   3809604.01   10.38640   370077.11
3809581.21   10.77701
         370093.97   3809558.40   11.21179   370123.70
3809529.66   11.85590
         369928.28   3809788.56   8.40656   370369.81
3810015.22   29.34273
         370345.98   3810017.62   28.03948   370322.15
3810020.02   26.76403
         370319.65   3809995.14   23.29779   370359.94

3809438.31 17.31363
370298.00 3810008.00 23.40071 370395.85
3809750.99 37.08785
370467.00 3809564.08 39.32130 370292.88
3809981.50 21.55369
370272.34 3809954.88 20.11678 370274.23
3809929.95 20.19801
370281.77 3809830.23 30.97988 370266.89
3809728.82 18.20760
370296.84 3809630.80 19.82326 370229.12
3810008.08 19.75026
370213.97 3809988.20 18.65434 370198.81
3809968.31 17.72129
370200.70 3809943.39 17.33792 370165.89
3809961.97 17.48681
370123.78 3809771.19 12.39533 370164.67
3809759.09 13.64879
370226.00 3809740.93 16.06349 370043.78
3809697.39 9.95977
370148.62 3809666.35 12.83114 369962.53
3809623.96 8.48256
370005.12 3809611.35 9.26596 370111.60
3809579.83 11.64830
370175.49 3809560.92 13.79551 370218.08
3809548.31 21.68830
369901.07 3809544.67 7.72248 369982.85
3809520.46 8.95091
370023.73 3809508.36 9.70751 370085.07
3809490.20 10.98748
370125.95 3809478.10 11.77804 369862.86
3809564.26 7.22601
370199.04 3810010.39 20.63162 370180.04
3809987.73 17.35143
370173.34 3809938.18 18.42920 370283.74
3809745.91 19.57139
370146.56 3809739.98 12.92770 370179.61
3809638.10 13.89105
370152.83 3809439.90 12.29358 370334.32
3809457.31 16.94061
370379.69 3809461.66 18.54477 370435.76
3809480.59 21.33227
370170.12 3810018.60 19.64704 370121.67
3809994.77 15.59002
370105.06 3809976.08 14.50054 370071.53
3809879.69 11.63379
369972.17 3809826.61 9.20973 369938.64
3809730.22 8.33462
369974.01 3809713.97 8.80115 370062.44
3809673.37 10.42454
369872.20 3809655.48 7.19805 369978.31

3809606.75   8.76542
         369805.76   3809580.75   6.62794   369929.55
3809523.90   8.08154
         370000.29   3809491.41   9.32251   370035.66
3809475.17   9.96002
         369772.85   3809602.41   13.12400   370271.87
3809767.40   19.04972
         370314.34   3809567.93   19.40419   370091.74
3810006.93   14.94464
         370100.58   3809953.84   13.75519   370075.81
3809933.64   12.52513
         370052.79   3809733.98   10.41565   370068.97
3809639.87   10.56953
         370010.31   3809538.54   9.41013   370008.27
3809442.68   9.58670
         370046.67   3809446.39   10.21918   370123.48
3809453.82   11.73806
         370076.31   3809987.26   13.84147   370034.35
3810045.80   15.86769

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370065.94   3809965.21   12.99552   370020.77
3810016.63   13.60808

370007.20 3809987.47 12.17024 369989.43
3810023.85 13.84819
369962.35 3809887.92 9.26394 369899.57
3809979.96 10.00678
369863.66 3809854.96 7.67531 369963.93
3809770.85 8.91127
370015.98 3809746.37 9.73067 369750.14
3809840.34 11.12521
369775.14 3809809.42 12.73507 369825.15
3809747.57 6.96819
369868.15 3809708.19 7.31023 369958.11
3809665.88 8.39417
369728.75 3809873.99 6.12848 369659.50
3809797.42 5.44929
369682.94 3809768.43 5.62695 369706.38
3809739.44 6.19326
369729.83 3809710.45 17.42418 369753.27
3809681.46 17.08559
369776.71 3809652.47 17.35783 369855.90
3809606.24 7.02636
369889.64 3809590.37 7.46161 369973.98
3809550.70 8.74503
369638.90 3809830.10 5.20759 369569.98
3809753.11 4.74967
369594.09 3809723.30 4.97587 369618.20
3809693.48 5.12405
369642.32 3809663.66 5.56039 369666.43
3809633.84 5.61122
369690.54 3809604.02 5.88975 369714.65
3809574.21 16.41045
369744.05 3809551.14 17.77798 369778.75
3809534.82 7.64258
369813.45 3809518.49 7.30652 369882.85
3809485.85 7.70640
369917.55 3809469.53 8.24065 369549.04
3809786.21 4.64568
370070.79 3810030.88 15.32413 370176.42
3809804.29 14.39074
370010.76 3810053.84 16.66699 369982.90
3809984.21 11.65492
369976.57 3809793.17 9.19634 370078.65
3809796.01 11.26489
370129.69 3809797.42 12.63241 369941.31
3809700.38 8.20635
370011.88 3809702.34 9.38570 370117.75
3809705.28 11.80393
370153.04 3809706.26 12.91591 370085.81
3809612.58 10.99642
369884.65 3809515.18 7.58964 370078.74
3809520.57 10.83687

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         370184.60    3809523.52       24.75202                       369995.05
3810077.05       20.83779
         369949.35    3810063.04       20.16113                       369924.35
3810063.04       22.29096
         369960.07    3810002.60       12.16613                       369824.96
3810061.03       13.98540
         369849.52    3809980.95        8.98294                       369867.48
3809954.42        8.46538
         369820.05    3810095.66       17.39583                       369725.21
3810060.23        8.44606
         369735.52    3810026.60        7.56438                       369745.84
3809992.96        7.01400
         369756.15    3809959.33        8.36265                       369766.46
3809925.69        8.66801
         369867.51    3809831.63        7.67671                       369720.05
3810095.66        9.22186
         369625.34    3810059.80        6.48269                       369635.92
3810025.30        6.15957
         369646.50    3809990.81        5.84533                       369657.08
3809956.31        5.60436
         369667.65    3809921.81        5.52579                       369678.23
3809887.31        5.56226
         369702.86    3809841.50        5.85939                       369730.96
3809818.86        6.38270
         369773.11    3809784.90       13.33905                       369843.36
3809728.31        7.11121
         369620.05    3810095.66        6.84596                       369525.42
3810059.53        5.32508
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369536.17	3810024.50	5.19335	369546.91	3809989.46	5.02565
369557.65	3809954.42	4.89493	369568.40	3809919.39	4.81500
369579.14	3809884.35	4.80135	369589.89	3809849.31	4.86630
369600.63	3809814.28	4.93798	369620.27	3809785.26	5.08390
369648.81	3809762.27	5.38533	369677.35	3809739.28	5.59150
369705.89	3809716.29	6.45934	369520.05	3810095.66	5.46585
369425.48	3810059.35	4.48574	369436.34	3810023.94	4.46406
369447.19	3809988.54	4.38496	369458.05	3809953.13	4.30876
369468.91	3809917.73	4.27527	369479.76	3809882.32	4.27126
369490.62	3809846.91	4.33146	369501.48	3809811.51	4.40132
369512.34	3809776.10	4.45115	369537.61	3809729.08	4.55657
369566.45	3809705.85	4.74951	369595.29	3809682.62	5.01131
369420.05	3810095.66	4.62811	369901.74	3810040.28	16.61839
369880.48	3810031.82	14.81237	369932.24	3810025.51	13.83038
369910.99	3810017.05	12.76037	369889.73	3810008.59	11.74089
369868.47	3810000.13	10.67603	370114.35	3809506.03	11.57374
369860.70	3809758.27	7.41570	369776.13	3809755.26	10.81750
369843.71	3809660.20	6.90685	369773.90	3809557.07	7.15964
369913.08	3809570.38	7.83301	369965.27	3809575.37	8.60216
370000.06	3809578.70	9.24507	369755.38	3809458.85	8.27806
369790.55	3809462.21	7.78864	369825.71	3809465.58	7.23046
369720.04	3809460.55	13.16653	369809.69		

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3810039.14       10.37046
         369799.53    3810060.29       11.23028                       369787.15
3810028.32        8.66388
         369776.99    3810049.47        9.47077                       369775.56
3810004.00        7.59366
         369802.35    3809983.40        7.64181                       369754.46
3810038.64        8.34812
         369695.72    3809909.41        5.75754                       369752.57
3809872.46        7.31973
         369773.70    3809862.98       15.22872                       369605.58
3809866.11        4.96638
         369620.17    3809848.12        5.06537                       369691.61
3809793.19        5.73705
         369712.74    3809783.70        5.92764                       369733.87
3809774.22        6.76975
         369755.00    3809764.74       15.98782                       369530.03
3809804.82        4.54774
         369630.65    3809713.91        5.20002                       369651.78
3809704.43        5.36906
         369672.91    3809694.95        5.78869                       369694.04
3809685.47        9.16960
         369715.18    3809675.99       15.90317                       369736.31
3809666.50       18.10997
         369396.12    3809815.48        3.93498                       369410.71
3809797.49        3.99624
         369425.30    3809779.51        4.05621                       369439.89
3809761.52        4.11324
         369454.48    3809743.53        4.16939                       369469.07
3809725.55        4.22256
         369483.66    3809707.56        4.27162                       369498.25
3809689.58        4.31961
         369512.84    3809671.59        4.35979                       369548.57
3809644.12        4.55687
         369569.70    3809634.64        4.62012                       369590.83
3809625.16        4.71409
         369611.96    3809615.68        4.87252                       369633.09
3809606.19        5.03995
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         369654.22    3809596.71        5.19519                       369675.35
3809587.23        5.36402
         369381.52    3809833.47        3.87385                       369371.36
3809854.62        3.82694
         369305.98    3809772.18        3.60545                       369320.57
3809754.19        3.65059
         369335.16    3809736.21        3.69216                       369349.75
3809718.22        3.73116
         369364.34    3809700.23        3.76513                       369378.93
3809682.25        3.79432
         369393.52    3809664.26        3.82105                       369408.11
3809646.28        3.85151
         369422.71    3809628.29        3.87848                       369437.30
3809610.30        3.89874
         369451.89    3809592.32        3.95961                       369487.61
3809564.85        4.14270
         369508.74    3809555.37        4.28335                       369529.87
3809545.89        4.45530
         369551.00    3809536.40        4.64539                       369572.13
3809526.92        5.00072
         369593.26    3809517.44        5.51146                       369614.39
3809507.96        6.22665
         369635.52    3809498.48       10.71890                       369656.65
3809488.99       16.02101
         369677.78    3809479.51       17.19781                       369698.91
3809470.03       17.26877
         369291.39    3809790.17        3.55808                       369281.23
3809811.32        3.52147
         369775.25    3810088.68       11.84573                       369752.71
3810077.86       10.05781
         369759.46    3810117.78       11.38103                       369736.05
3810126.56       10.25841
         369635.68    3810121.77        7.37195                       369642.43
3810161.68        7.69186
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         369542.13    3810155.11        6.12335                      369544.03
3810112.33        5.80088
         369545.93    3810069.55        5.60132                      369548.80
3810196.81        6.64403
         369448.48    3810190.72        5.49451                      369450.34
3810148.89        5.18075
         369452.20    3810107.06        4.93607                      369454.06
3810065.23        4.72391
         369455.17    3810231.94        5.87795                      369354.84
3810226.12        5.10372
         369356.68    3810184.84        4.73991                      369358.51
3810143.56        4.50707
         369360.35    3810102.28        4.25194                      369362.19
3810061.01        4.12032
         369364.02    3810019.73        4.02764                      369365.86
3809978.45        3.92748
         369367.69    3809937.17        3.84631                      369369.53
3809895.89        3.80354
         369361.54    3810267.07        5.53257                      369261.25
3810260.50        4.68744
         369263.15    3810217.72        4.51491                      369265.05
3810174.94        4.37863
         369266.96    3810132.16        4.12012                      369268.86
3810089.38        3.88785
         369270.76    3810046.60        3.67751                      369272.66
3810003.82        3.56227
         369274.57    3809961.04        3.48145                      369276.47
3809918.26        3.46161
         369278.37    3809875.48        3.49010                      369267.92
3810302.19        4.98226
         369835.81    3810124.85       17.56102                      369855.27
3810137.12       17.94199
         369792.94    3810121.36       13.74271                      369822.47
3810145.99       14.94411
         369841.93    3810158.26       15.20815                      369779.61
3810142.51       12.53482
         369809.14    3810167.14       13.70897                      369828.60
3810179.41       14.25192
         369762.91    3810159.53       11.54176                      369795.80
3810188.29       13.15565
         369815.26    3810200.56       13.69383                      369709.58
3810244.12       10.87016
         369682.72    3810211.15        9.64142                      369742.47
3810272.88       11.78152
         369761.93    3810285.15       12.14300                      369656.24
3810328.71       10.34933
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369629.38	3810295.74	9.65600	369602.52	3810262.76	8.70869
369575.66	3810229.79	7.58216	369689.13	3810357.47	10.90370
369708.59	3810369.74	11.12514	369602.91	3810413.30	9.90690
369576.05	3810380.32	9.39271	369549.19	3810347.35	8.75022
369522.32	3810314.38	8.00188	369495.46	3810281.40	7.10172
369635.80	3810442.06	10.10662	369655.26	3810454.33	10.29483
369548.61	3810496.71	11.45635	369534.22	3810479.05	10.32477
369519.83	3810461.38	9.92969	369505.44	3810443.72	9.45901
369491.05	3810426.05	9.31469	369476.66	3810408.39	8.56622
369462.27	3810390.72	8.08368	369447.88	3810373.06	7.77703
369433.49	3810355.39	7.39088	369419.10	3810337.73	6.98973
369404.71	3810320.06	6.64881	369390.32	3810302.40	6.20185
369375.93	3810284.73	5.73540	369563.00		

3810514.38 15.46433
369582.46 3810526.65 14.97087 369601.92
3810538.92 14.53043
369495.45 3810581.51 17.07958 369481.23
3810564.05 17.19471
369467.01 3810546.59 17.42669 369438.56
3810511.68 17.18689
369424.34 3810494.22 16.80510 369410.12
3810476.77 15.68800
369395.90 3810459.31 13.28619 369381.68
3810441.85 8.79462
369353.24 3810406.94 7.41088 369339.02
3810389.48 6.91371
369324.80 3810372.02 6.37039 369310.58
3810354.57 5.97046
369296.36 3810337.11 5.58368 369509.67
3810598.96 17.44146
369529.13 3810611.23 18.06337 369548.59
3810623.50 17.89320
369674.57 3810067.46 7.42008 369577.56
3810043.21 5.72963
369480.54 3810018.96 4.73084 369383.53
3809994.70 4.06658
369865.16 3810163.19 16.40144 369851.58
3810184.17 15.13795
369837.99 3810205.16 14.34080 369824.40
3810226.14 13.82753
369676.32 3810175.79 8.71813 369674.33
3810145.32 8.34622
369672.33 3810114.85 8.11133 369770.06
3810310.09 12.18658
369582.02 3810193.09 7.05597 369579.85
3810159.85 6.61019
369577.68 3810126.61 6.35321 369575.50
3810093.37 6.12867
369715.71 3810394.03 11.07421 369490.13
3810247.13 6.45571
369488.01 3810214.63 6.08178 369485.88
3810182.13 5.78251
369483.75 3810149.63 5.47976 369481.63
3810117.13 5.20945
369479.50 3810084.63 5.03227 369477.38
3810052.13 4.88839
369661.36 3810477.97 10.18004 369395.91
3810265.54 5.63223
369393.69 3810231.68 5.33551 369391.48
3810197.83 5.07534
369389.26 3810163.97 4.82775 369387.05
3810130.11 4.60004
369384.84 3810096.26 4.38156 369381.51

3810045.48   4.18767
         369607.02   3810561.91   12.25901   369302.94
3810303.14   5.23514
         369300.77   3810269.90   5.02159   369298.59
3810236.67   4.84181

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369296.42   3810203.43   4.72017   369294.24
3810170.19   4.52984
         369292.07   3810136.95   4.24432   369289.90
3810103.71   3.97472
         369287.72   3810070.47   3.79419   369552.67
3810645.86   17.52297
         369879.10   3810188.17   16.19857   369887.52
3810212.35   15.84995
         369862.76   3810208.76   15.06353   369893.20
3810236.14   15.59179
         369865.68   3810232.14   14.91726   369921.41
3810332.08   13.47433
         369893.89   3810328.08   13.27639   369866.37
3810324.08   13.09552
         369838.85   3810320.08   12.90373   369811.34
3810316.08   12.68687

```
         369949.56    3810329.85       13.80044                    369948.81
3810427.90       11.98025
         369919.68    3810423.66       12.01841                    369890.54
3810419.43       11.97368
         369861.40    3810415.20       11.87291                    369832.26
3810410.96       11.73740
         369803.12    3810406.73       11.57486                    369773.99
3810402.50       11.45587
         369744.85    3810398.26       11.29886                    369977.77
3810425.78       12.07601
         369977.24    3810523.87       10.96332                    369948.52
3810519.69       10.83319
         369919.81    3810515.52       10.86866                    369891.09
3810511.35       10.90680
         369862.37    3810507.18       10.87825                    369833.66
3810503.01       10.86623
         369804.94    3810498.83       10.81220                    369776.23
3810494.66       10.69980
         369747.51    3810490.49       10.56083                    369718.79
3810486.32       10.44849
         369690.08    3810482.14       10.30723                    370005.98
3810521.72       11.36823
         370005.06    3810619.75       10.45123                    369975.58
3810615.46       10.22607
         369946.09    3810611.18       10.13960                    369916.61
3810606.90       10.09484
         369887.12    3810602.61        9.86219                    369857.64
3810598.33        9.64369
         369828.15    3810594.04        9.65814                    369798.67
3810589.76        9.70016
         369769.18    3810585.48        9.58290                    369739.70
3810581.19        9.55600
         369710.21    3810576.91        9.53947                    369680.73
3810572.62        9.53566
         369651.24    3810568.34        9.51308                    370034.19
3810617.66       10.78067
         370033.45    3810715.71       10.19071                    370004.31
3810711.48       10.04827
         369975.17    3810707.24        9.83320                    369946.03
3810703.01        9.65793
         369916.90    3810698.78        9.60121                    369887.76
3810694.54        9.53943
         369858.62    3810690.31       10.13778                    369829.48
3810686.08       10.59258
         369800.34    3810681.84        8.98641                    369771.20
3810677.61        8.70947
         369742.07    3810673.38        9.36802                    369712.93
3810669.14       14.73498
         369683.79    3810664.91       16.09667                    369654.65
3810660.68       13.31164
```

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369987.26   3810239.68   17.15252   370010.95
3810245.09   16.90820
         370034.64   3810250.51   16.69225   370058.34
3810255.92   16.59293
         370005.38   3810269.46   15.81995   370029.07
3810274.88   15.76437
         370052.76   3810280.30   15.68117   369935.71

3810356.12 13.06079
369959.40 3810361.53 13.06312 369983.10
3810366.95 13.04074
370006.79 3810372.36 13.00627 369871.12
3810441.96 11.52343
369913.43 3810453.60 11.48964 369937.12
3810459.02 11.54552
369960.81 3810464.43 11.49674 369984.50
3810469.85 11.58217
370008.19 3810475.27 11.82294 369848.84
3810539.44 10.14046
369891.14 3810551.09 10.07923 369914.83
3810556.50 10.18094
369938.53 3810561.92 10.35460 369962.22
3810567.33 10.47601
369985.91 3810572.75 10.61853 369826.55
3810636.93 9.22817
369789.33 3810624.47 9.27340 369868.86
3810648.57 9.59287
369892.55 3810653.99 9.74148 369916.24
3810659.40 9.85254
369939.93 3810664.82 9.82778 369963.62
3810670.24 9.86250
369800.55 3810733.17 10.44664 369778.22
3810725.69 8.92965
369755.88 3810718.22 8.69579 369733.55
3810710.74 10.40028
369822.88 3810740.64 14.57915 369846.57
3810746.06 13.73947
369870.26 3810751.47 9.70585 369893.96
3810756.89 9.48682
369917.65 3810762.31 9.55098 369941.34
3810767.72 9.73850
370097.17 3810203.36 20.90655 370086.30
3810231.53 17.86038
370119.30 3810223.91 18.44062 370108.42
3810252.08 16.93519
370136.55 3810373.87 13.66311 370125.75
3810475.14 13.04692
370092.16 3810475.17 12.64555 370058.58
3810475.21 12.35428
370148.76 3810572.57 11.95124 370116.19
3810572.61 11.72115
370083.62 3810572.64 11.47618 370051.05
3810572.68 11.19348
370018.48 3810572.72 10.92799 370181.55
3810568.74 12.17028
370171.55 3810670.01 11.10191 370139.56
3810670.04 11.08271
370107.57 3810670.08 10.98674 370075.58

3810670.11   10.76468
         370043.60   3810670.15   10.54375   370011.61
3810670.18   10.31619
         370204.04   3810666.18   11.11063   370193.25
3810767.45   10.71035
         370159.66   3810767.48   13.50008   370126.07
3810767.52   12.63773
         370092.49   3810767.56   10.59114   370058.90
3810767.59   9.97325
         370025.31   3810767.63   9.86425   369991.72
3810767.67   9.67118
         370226.54   3810763.62   10.31249   369889.95
3810626.19   9.83992
         369840.92   3810713.34   13.41736   370144.46
3810239.54   17.53698
         370132.20   3810261.33   16.66968   370171.58
3810285.28   15.83855
         370172.49   3810386.90   13.87315   370174.25
3810482.36   13.53451
         370038.81   3810460.19   12.11211   370208.95
3810481.76   13.82573
         370006.70   3810550.12   10.94968   369955.91
3810541.80   10.56939

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

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 - - -
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         370514.08    3810644.76       11.04252                      370477.02
3810662.87       10.88754
         370439.96    3810680.99       10.85496                      370402.91
3810699.10       10.76280
         370365.85    3810717.22       10.60359                      370328.79
3810735.33       10.35949
         370657.75    3810565.71       11.64643                      370310.12
3810228.19       19.05508
         370352.14    3810424.69       15.10576                      370419.69
3810508.14       13.36674
         370412.78    3810615.28       11.87801                      370450.01
3810603.44       11.94925
         370405.87    3810722.42       10.45744                      370443.10
3810710.57       10.48451
         370480.33    3810698.73       10.38353                      370315.59
3810145.14       24.81583
         370332.76    3810163.31       22.70668                      370365.16
3810167.10       22.71096
         370420.43    3810281.39       19.00984                      370471.57
3810364.41       16.44969
         370556.08    3810427.76       14.39215                      370487.89
3810467.95       14.39400
         370588.36    3810403.33       14.70399                      370624.37
3810500.68       12.79341
         370589.50    3810521.23       12.49777                      370502.32
3810572.61       12.20334
         370657.04    3810476.01       13.05781                      370692.78
3810573.52       11.51102
         370657.37    3810594.39       11.24711                      370621.96
3810615.26       11.14234
         370586.56    3810636.13       10.99831                      370551.15
3810656.99       10.86063
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370515.74	3810677.86	10.53058	370725.72	3810548.70	11.75247
370339.70	3810134.90	25.77468	370363.06	3810132.36	26.07819
370389.11	3810154.67	24.07080	370391.81	3810179.53	22.56106
370415.16	3810176.99	23.16523	370438.51	3810174.45	23.82814
370417.86	3810201.84	21.95873	370441.21	3810199.30	22.43318
370405.32	3810303.80	18.14892	370452.02	3810298.72	18.44043
370439.47	3810400.67	15.50797	370462.82	3810398.13	15.61145
370450.28	3810500.09	13.59039	370473.63	3810497.55	13.62182
370484.43	3810596.96	11.98827	370469.75	3810120.80	29.17343
370475.10	3810170.51	24.73055	370477.78	3810195.37	22.95380
370488.48	3810294.79	18.48610	370499.18	3810394.22	15.53461
370509.88	3810493.65	13.58126	370520.59	3810593.07	11.72386
370549.62	3810690.52	10.38372	370336.44	3810228.20	19.63722
370169.71	3810339.59	14.60420	370090.78	3810401.00	12.91822
370029.62	3810485.25	12.01062	370526.89	3810167.63	25.96530
370500.67	3810191.77	23.59756	370526.05	3810192.62	23.88253
370499.83	3810216.75	21.91915	370525.21	3810217.60	21.99816
370399.31	3810267.15	19.49623	370377.72	3810256.14	19.62022
370356.13	3810245.13	19.64936	370496.49	3810316.70	17.72286
370521.87	3810317.55	17.63474	370482.34		

3810411.14   15.19454
         370395.97   3810367.09   16.42929   370374.37
3810356.08   16.57357
         370352.78   3810345.07   16.86914   370277.20
3810306.53   16.72142
         370400.22   3810470.91   14.45218   370377.82
3810459.49   14.69935
         370355.43   3810448.07   14.90723   370299.44
3810419.53   15.01436
         370277.05   3810408.11   14.99497   370489.79
3810516.59   13.17990
         370397.53   3810571.19   12.44803   370375.30
3810559.86   12.50347
         370353.07   3810548.52   12.69843   370308.61
3810525.85   12.93236
         370286.38   3810514.52   13.08920   370253.04
3810497.52   13.59122
         370499.13   3810616.95   11.48830   370394.61
3810671.36   11.12831
         370372.49   3810660.08   11.26410   370350.37
3810648.80   11.31432
         370295.07   3810620.60   11.62734   370272.95
3810609.32   11.76287
         370162.35   3810552.92   12.19198   370140.23
3810541.64   12.12728
         370118.11   3810530.36   12.11020   370095.99
3810519.08   12.06499
         370073.87   3810507.80   12.02690   370495.79
3810716.90   10.13142
         370547.88   3810133.53   29.48347   370567.34
3810109.84   34.28447
         370586.66   3810125.71   30.80732   370548.33
3810188.20   24.31995
         370593.81   3810190.35   23.86074   370554.92
3810211.72   22.51129
         370671.09   3810253.82   18.35369   370635.03
3810281.46   17.75218
         370596.14   3810302.83   17.50527   370566.43
3810308.72   17.59957
         370692.83   3810232.76   18.96390   370748.36
3810317.30   15.64185

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED

OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370724.32   3810335.72   15.19742   370700.28
3810354.15   14.86353
         370676.24   3810372.57   14.64194   370637.35
3810393.94   14.49030
         370770.11   3810296.24   16.17457   370825.63
3810380.77   13.70076
         370801.59   3810399.20   13.43664   370777.55
3810417.62   13.49701
         370753.52   3810436.04   13.31801   370729.48
3810454.47   13.10664
         370705.44   3810472.89   12.95995   370678.57
3810485.05   12.85492
         370530.03   3810514.49   12.96517   370847.38
3810359.71   14.01918
         370902.90   3810444.25   11.74083   370878.86
3810462.67   11.81230
         370854.83   3810481.09   11.96749   370830.79
3810499.52   11.91186
         370806.75   3810517.94   11.79473   370782.71
3810536.37   11.66506
         370758.68   3810554.79   11.51707   370719.78
3810576.16   11.40334
         370924.65   3810423.19   11.81791   370980.17
3810507.72   9.61220
         370956.14   3810526.14   9.79693   370932.10
3810544.57   10.27344
         370908.06   3810562.99   10.38131   370884.02
3810581.42   11.20326
         370859.99   3810599.84   11.05444   370835.95
3810618.27   10.38107

370811.91 3810636.69 10.04647 370787.87 3810655.12 10.01305
370761.00 3810667.27 10.05052 370731.29 3810673.16 10.15358
370701.58 3810679.05 10.21593 370671.87 3810684.94 10.24427
370642.17 3810690.83 10.29951 370612.46 3810696.71 10.28464
370582.75 3810702.60 10.22330 370538.19 3810711.44 10.09816
371001.92 3810486.66 9.49167 370553.81 3810393.91 15.18980
370555.75 3810493.90 13.28453 370557.68 3810593.88 11.46393
370620.55 3810108.03 34.33481 370657.78 3810091.96 35.38972
370630.46 3810130.99 28.60173 370667.69 3810114.91 29.16355
370658.98 3810145.90 25.31905 370696.21 3810129.83 25.35023
370631.66 3810184.93 22.88893 370668.89 3810168.85 22.84347
370706.12 3810152.78 22.97782 370671.30 3810276.74 17.44778
370708.53 3810260.66 17.66085 370745.76 3810244.59 18.00625
370729.56 3810360.51 14.50177 370766.79 3810344.43 14.81357
370769.20 3810452.31 13.07263 370806.43 3810436.24 13.04421
370808.84 3810544.12 11.36880 370846.07 3810528.05 11.29719
370867.09 3810627.89 10.62881 370904.32 3810611.82 11.12178
370683.34 3810079.43 35.00244 370701.61 3810062.74 36.62244
370719.87 3810046.06 38.70847 370738.14 3810029.37 40.78675
370756.41 3810012.68 43.60169 370774.67 3809996.00 48.35511
370700.20 3810097.89 29.60436 370718.47 3810081.20 31.22621
370736.73 3810064.51 33.27549 370755.00 3810047.83 35.55690
370773.27 3810031.14 38.48056 370791.53 3810014.46 42.32918
370717.06 3810116.34 26.20787 370735.33 3810099.66 27.68210
370753.60 3810082.97 29.59397 370771.86 3810066.29 31.91299

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370790.13	3810049.60	34.57652	370808.39	3810032.91	37.91934
370733.93	3810134.80	23.80229	370752.19	3810118.12	25.17468
370770.46	3810101.43	26.81351	370788.72	3810084.74	28.95200
370806.99	3810068.06	31.36459	370825.26	3810051.37	34.21503
370782.83	3810220.62	18.81860	370819.64	3810191.95	19.72002
370837.90	3810175.26	20.38895	370856.17	3810158.58	21.42111
370874.43	3810141.89	22.58696	370892.70	3810125.20	23.92976
370852.13	3810293.25	15.81570	370818.77	3810314.82	15.43932
370887.08	3810265.78	16.43779	370905.35	3810249.09	16.62169
370923.61	3810232.41	16.88177	370941.88	3810215.72	17.29740
370960.15	3810199.04	18.08245	370917.72		

3810368.28 13.10946
370880.65 3810392.25 13.03095 370843.58
3810416.22 12.90819
370954.53 3810339.61 13.20198 370972.79
3810322.92 13.23239
370991.06 3810306.24 13.32289 371009.33
3810289.55 13.34754
371027.59 3810272.87 13.37307 370983.85
3810442.97 10.45793
370963.99 3810455.81 10.59348 370944.12
3810468.65 10.75230
370924.26 3810481.49 10.89666 370904.40
3810494.33 11.09285
370884.54 3810507.17 11.20947 371003.71
3810430.13 10.35044
371021.97 3810413.44 10.30226 371040.24
3810396.76 10.34055
371058.50 3810380.07 10.42572 371076.77
3810363.38 10.45453
371095.04 3810346.70 10.48905 371052.62
3810515.94 8.28596
371015.54 3810539.91 8.62279 370978.47
3810563.88 9.83537
370941.40 3810587.85 11.15249 371089.42
3810487.27 8.09520
371107.68 3810470.59 8.06639 371125.95
3810453.90 8.09101
371144.22 3810437.22 8.07270 371162.48
3810420.53 8.10132
370823.63 3810014.70 42.65957 370847.04
3810018.89 42.03282
370870.44 3810023.07 41.85766 370893.85
3810027.26 41.19725
370917.25 3810031.44 40.73211 370940.66
3810035.63 40.54420
370964.07 3810039.81 39.41826 370987.47
3810044.00 37.91363
371010.88 3810048.18 36.97153 370866.04
3810047.68 35.15513
370889.45 3810051.87 34.43996 370912.86
3810056.05 33.85770
370936.26 3810060.24 33.52608 370959.67
3810064.42 33.21001
370983.07 3810068.61 32.44562 371006.48
3810072.79 31.38770
370861.64 3810072.29 30.66630 370885.05
3810076.48 29.99249
370908.46 3810080.66 29.34173 370931.86
3810084.85 28.68110
370955.27 3810089.03 28.22206 370978.67

3810093.21   27.76962
         371002.08   3810097.40   27.10131   370833.84
3810092.72   27.78169
         370857.24   3810096.90   27.22894   370880.65
3810101.09   26.54007
         370904.06   3810105.27   25.98947   370927.46
3810109.46   25.37062
         370950.87   3810113.64   24.72692   370974.27
3810117.82   24.17628

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370997.68   3810122.01   23.72991   370722.61
3810174.42   21.02067
         370746.02   3810178.60   20.50892   370769.43
3810182.79   20.17862
         370792.83   3810186.97   19.96470   370863.05
3810199.53   19.00877
         370886.46   3810203.71   18.52496   370909.86
3810207.89   18.09645
         370980.08   3810220.45   16.30426   370728.42
3810277.04   16.97905
         370751.83   3810281.23   16.71726   370798.64
3810289.60   16.27023

370892.26 3810306.33 14.97818 370915.67 3810310.52 14.58373
370939.08 3810314.70 14.12070 370710.82 3810375.48 14.23393
370757.63 3810383.85 13.95514 370781.04 3810388.04 13.77231
370898.07 3810408.96 12.49950 370740.04 3810482.29 12.68624
370763.44 3810486.47 12.53227 370786.85 3810490.66 12.36181
370927.29 3810515.77 10.45524 370745.84 3810584.91 11.17321
370769.25 3810589.10 10.98855 370792.66 3810593.28 10.77797
370816.06 3810597.47 10.52481 371046.60 3810082.60 30.22425
371071.06 3810084.32 31.27066 371095.51 3810086.05 28.64037
371119.96 3810087.78 27.04616 371144.42 3810089.51 26.59795
371044.84 3810107.53 25.90059 371069.29 3810109.26 29.64663
371093.75 3810110.99 26.36952 371118.20 3810112.72 25.13681
371142.66 3810114.45 24.78549 371018.62 3810130.74 22.75959
371043.08 3810132.47 22.81423 371067.53 3810134.20 28.23866
371091.99 3810135.93 25.47490 371116.44 3810137.66 23.91773
371140.89 3810139.38 23.51030 370997.98 3810148.13 21.29751
371041.32 3810157.41 20.41580 371065.77 3810159.14 19.58653
371090.22 3810160.87 26.15518 371114.68 3810162.59 23.47661
371139.13 3810164.32 23.02567 370987.16 3810246.37 14.99689
370964.51 3810237.31 15.82125 370843.84 3810128.00 23.99893
371009.81 3810255.43 14.18147 371058.72 3810258.89 13.30974
371083.17 3810260.62 13.13229 371107.63 3810262.34 12.75815
371132.08 3810264.07 12.29872 370981.53 3810346.69 12.42295
370820.51 3810267.98 16.90541 370808.16 3810248.73 17.69958
371002.76 3810355.18 11.88169 371027.22 3810356.91 11.38616

```
         371125.03    3810363.82        9.62396                      370950.41
3810436.82       11.14654
         370729.65    3810302.74       16.16308                      370663.77
3810200.07       20.74271
         371020.17    3810456.66        9.62424                      371044.62
3810458.39        9.18474
         371069.08    3810460.12        8.81183                      370692.83
3810421.69       13.54811
         370680.16    3810401.95       13.95669                      370629.48
3810322.98       16.26822
         371037.57    3810558.14        8.35600                      371062.03
3810559.87        7.66370
         371086.48    3810561.60        7.30899                      371110.94
3810563.33        6.93376
         370958.96    3810645.38       11.17941                      370936.31
3810636.32       11.25388
         370687.13    3810536.66       12.00738                      370664.47
3810527.60       12.15450
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         370589.11    3810436.41       13.89794                      370483.70
3810272.14       19.41417
         370981.62    3810654.44       15.52449                      371006.07
```

3810656.17 16.75418
371030.53 3810657.89 15.78534 371054.98
3810659.62 13.80384
371079.43 3810661.35 11.65562 371103.89
3810663.08 10.86457
371167.52 3810080.61 27.86792 371165.45
3810108.66 25.27500
371178.88 3810129.75 23.75619 371191.23
3810151.11 22.39174
371165.18 3810157.71 22.50130 371244.97
3810235.44 19.38927
371218.92 3810242.05 20.80918 371192.87
3810248.66 19.41800
371166.82 3810255.26 14.98003 371298.70
3810319.78 12.48403
371272.65 3810326.39 9.93336 371246.60
3810332.99 9.05913
371220.55 3810339.60 9.07297 371194.50
3810346.21 9.08947
371168.45 3810352.81 9.18315 371352.12
3810404.20 7.07939
371325.10 3810411.05 7.15232 371298.09
3810417.90 7.25865
371271.07 3810424.75 7.35244 371244.06
3810431.60 7.39511
371217.04 3810438.45 7.38711 371190.03
3810445.30 7.44330
371163.01 3810452.16 7.63734 371405.92
3810488.51 5.82040
371379.10 3810495.32 5.88192 371352.29
3810502.12 6.01214
371325.47 3810508.92 6.11893 371298.65
3810515.72 6.17713
371271.84 3810522.52 6.19809 371245.02
3810529.32 6.18282
371218.20 3810536.12 6.15931 371191.39
3810542.92 6.31225
371164.57 3810549.72 6.46346 371137.75
3810556.53 6.70042
371459.70 3810572.84 4.88767 371433.01
3810579.61 4.97985
371406.33 3810586.37 5.08846 371379.64
3810593.14 5.20320
371352.96 3810599.91 5.27030 371326.27
3810606.68 5.31687
371299.58 3810613.45 5.30920 371272.90
3810620.21 5.27824
371246.21 3810626.98 5.25019 371219.53
3810633.75 5.39876
371192.84 3810640.52 6.30543 371166.15

3810647.29   6.75375
         371139.47   3810654.05   7.72346   371179.09
3810059.53   31.09677
         371201.01   3810071.55   29.51195   371189.44
3810092.64   26.09035
         371204.09   3810042.27   33.01496   371226.01
3810071.55   29.50176
         371211.36   3810104.66   25.18897   371229.09
3810042.27   29.80347
         371249.98   3810075.56   28.44725   371230.45
3810119.71   24.18970
         371254.09   3810042.27   24.95765   371349.98
3810075.56   25.64645
         371341.76   3810107.63   24.87711   371333.55
3810139.69   23.22515
         371318.13   3810167.80   21.55811   371295.50
3810191.96   19.50642
         371272.87   3810216.12   19.01183   371354.09
3810042.27   23.28063
         371449.98   3810075.56   19.45897   371441.76
3810107.63   19.09872
         371433.55   3810139.69   21.12245   371425.33
3810171.75   21.07952
         371405.80   3810215.90   18.81543   371383.17
3810240.06   18.12237
         371360.55   3810264.22   18.27567   371337.92
3810288.38   18.68385

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371454.09	3810042.27	18.26839	371549.98	3810075.56	17.19226
371541.76	3810107.63	19.33692	371533.55	3810139.69	20.17374
371525.33	3810171.75	19.14534	371517.11	3810203.82	16.63793
371508.90	3810235.88	16.67290	371493.47	3810263.99	18.11272
371470.85	3810288.15	15.96702	371448.22	3810312.31	8.17782
371425.60	3810336.47	7.42400	371402.97	3810360.63	7.82059
371380.35	3810384.79	7.12268	371554.09	3810042.27	17.59836
371649.98	3810075.56	17.98481	371641.76	3810107.63	17.21895
371633.55	3810139.69	18.24636	371625.33	3810171.75	18.32405
371617.11	3810203.82	16.06473	371608.90	3810235.88	15.60719
371600.68	3810267.95	17.13560	371581.15	3810312.09	16.63923
371558.52	3810336.25	16.31173	371535.90	3810360.41	11.62914
371513.27	3810384.57	6.36378	371490.65	3810408.73	5.84687
371468.02	3810432.89	5.86811	371445.39	3810457.05	5.85275
371654.09	3810042.27	18.98431	371749.98	3810075.56	16.80037
371741.76	3810107.63	17.07613	371733.55	3810139.69	16.67647
371725.33	3810171.75	17.17619	371717.11	3810203.82	15.58203
371708.90	3810235.88	15.88679	371700.68	3810267.95	16.23284
371692.46	3810300.01	13.18874	371684.24	3810332.07	8.00856
371668.82	3810360.18	9.44842	371646.20	3810384.34	5.92942
371623.57	3810408.50	4.76732	371600.95	3810432.66	4.76274
371578.32	3810456.82	4.81150	371555.69	3810480.98	4.87360

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         371533.07    3810505.14        4.90851                        371510.44
3810529.30        4.91361
         371487.82    3810553.46        4.88698                        371754.09
3810042.27       17.52907
         371146.62    3810066.13       30.24963                        371094.34
3810233.14       14.29594
         371064.47    3810328.57       11.45899                        371046.09
3810427.60        9.68463
         371004.72    3810519.44        9.04598                        370974.84
3810614.87       10.93258
         371119.52    3810240.49       13.42146                        371073.44
3810435.11        9.14991
         371100.77    3810441.58        8.59866                        371064.07
3810535.66        7.90190
         371017.11    3810626.92       12.43522                        371041.03
3810632.97       11.92502
         371219.95    3810008.48       28.11159                        371220.98
3809985.98       28.73524
         371222.00    3809963.48       29.04878                        371223.03
3809940.98       29.17249
         371224.06    3809918.48       29.36025                        371225.08
3809895.98       29.75851
         371244.92    3810009.62       23.78934                        371245.95
3809987.12       24.09453
         371246.98    3809964.62       24.36890                        371248.00
3809942.12       24.53707
         371249.03    3809919.62       24.73364                        371250.06
3809897.12       24.95984
         371269.90    3810010.76       21.10589                        371270.92
3809988.26       20.97717
         371271.95    3809965.76       21.11894                        371272.98
3809943.26       21.24430
         371274.00    3809920.76       21.44389                        371275.03
3809898.26       21.67126
         371282.90    3810075.72       24.04685                        371263.07
3810113.35       24.88940
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371211.52	3810140.91	22.70923	371293.84	3810034.40	19.86113
371294.87	3810011.90	19.33941	371295.90	3809989.40	19.08045
371296.92	3809966.90	18.95232	371297.95	3809944.40	19.00287
371298.98	3809921.90	18.99897	371300.01	3809899.40	19.16830
371382.80	3810080.28	24.55865	371362.96	3810117.91	22.66493
371323.29	3810193.18	19.04822	371393.74	3810038.96	20.41920
371394.77	3810016.46	17.01201	371395.79	3809993.96	17.05680
371396.82	3809971.46	17.19289	371397.85	3809948.96	18.48663
371398.87	3809926.46	19.88304	371399.90	3809903.96	20.62272
371482.69	3810084.84	20.65698	371462.86	3810122.47	21.75179
371423.19	3810197.74	19.11289	371383.52	3810273.01	18.88210
371144.63	3810339.90	9.76669	371493.64	3810043.52	17.73476
371494.66	3810021.02	17.31229	371495.69	3809998.52	17.28190
371496.72	3809976.02	18.18678	371497.74	3809953.52	19.54653
371498.77	3809931.02	21.23700	371499.80	3809908.52	22.35442
371582.59	3810089.40	16.82474	371562.75	3810127.03	19.65596
371443.75	3810352.84	7.39717	371225.67	3810415.36	7.70595
371593.53	3810048.08	19.32789	371594.56		

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3810025.58       20.06315
         371595.59    3810003.08       20.10242                       371596.61
3809980.58       20.25977
         371597.64    3809958.08       20.29315                       371598.67
3809935.58       20.13703
         371599.69    3809913.08       20.10745                       371681.96
3810094.95       16.89808
         371661.08    3810134.56       18.05050                       371514.94
3810411.87        5.59493
         371504.50    3810431.67        5.56331                       371472.15
3810456.08        5.66063
         371362.59    3810479.08        6.12521                       371296.85
3810492.89        6.42073
         371253.03    3810502.09        6.47056                       371209.21
3810511.29        6.48325
         371165.38    3810520.49        6.74945                       371121.56
3810529.69        7.14983
         371693.43    3810052.64       17.79974                       371694.45
3810030.14       18.37461
         371695.48    3810007.64       18.56914                       371696.51
3809985.14       17.93053
         371697.54    3809962.64       16.45310                       371698.56
3809940.14       15.47409
         371699.59    3809917.64       15.67583                       371781.95
3810099.34       16.74873
         371761.25    3810138.61       16.83819                       371668.12
3810315.32        8.78909
         371564.64    3810511.67        4.66241                       371532.57
3810535.87        4.74341
         371445.68    3810554.11        5.08142                       371402.24
3810563.23        5.24503
         371358.80    3810572.35        5.43854                       371315.36
3810581.48        5.54161
         371271.91    3810590.60        5.56232                       371228.47
3810599.72        5.53208
         371185.03    3810608.84        5.75791                       371141.58
3810617.96        6.75791
         371098.14    3810627.08        7.40012                       371793.32
3810057.20       16.74566
         371794.35    3810034.70       16.97529                       371795.38
3810012.20       17.21100
         371796.40    3809989.70       16.60457                       371797.43
3809967.20       15.58909
         371798.46    3809944.70       15.31230                       371799.49
3809922.20       15.39847
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       11:32:39
```

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371214.78	3809870.57	33.32281	371243.11	3809869.32	26.67392
371229.45	3809846.30	29.94655	371267.21	3809866.99	23.02556
371257.78	3809845.06	24.72058	371288.89	3809854.93	24.19918
371294.45	3809877.16	19.93694	371279.28	3809832.30	28.18111
371375.20	3809805.13	25.96118	371381.37	3809829.84	25.21973
371387.55	3809854.55	22.94537	371393.73	3809879.25	20.80308
371365.28	3809781.27	25.31130	371461.31	3809754.57	20.34504
371467.73	3809780.23	19.43964	371474.14	3809805.89	20.48192
371480.56	3809831.55	20.26243	371486.97	3809857.21	20.50867
371493.38	3809882.86	21.96184	371451.28	3809730.24	22.13267
371547.19	3809703.07	18.49177	371553.37	3809727.78	19.20953
371559.55	3809752.48	20.22103	371565.72	3809777.19	20.73958
371571.90	3809801.90	20.84682	371578.08	3809826.61	20.80494

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         371584.25    3809851.31       20.48075                  371590.43
3809876.02       20.30016
         371537.28    3809679.20       17.97460                  371633.26
3809652.32       15.57386
         371639.58    3809677.59       15.76493                  371645.90
3809702.86       16.09588
         371652.21    3809728.12       16.93342                  371658.53
3809753.39       17.76302
         371664.85    3809778.66       17.99185                  371671.16
3809803.93       16.72603
         371677.48    3809829.20       16.17405                  371683.80
3809854.47       16.87826
         371690.11    3809879.74       17.33071                  371623.27
3809628.17       15.41667
         371719.31    3809601.48       14.21884                  371725.72
3809627.14       15.00153
         371732.14    3809652.80       14.17310                  371738.55
3809678.45       14.73620
         371744.97    3809704.11       14.92615                  371751.38
3809729.77       14.66303
         371757.79    3809755.43       14.02124                  371764.21
3809781.08       13.40489
         371770.62    3809806.74       13.22723                  371777.04
3809832.40       13.24634
         371783.45    3809858.06       13.63341                  371789.86
3809883.72       14.49930
         371709.27    3809577.14       14.13072                  371346.42
3809991.86       17.05262
         371426.40    3810051.89       16.80594                  371506.38
3810111.91       20.83707
         371586.37    3810171.93       18.47340                  371666.35
3810231.95       16.44356
         371225.42    3809816.25       35.14475                  371228.18
3809792.75       34.43631
         371230.94    3809769.26       33.83485                  371233.69
3809745.77       33.48274
         371236.45    3809722.27       33.19254                  371250.25
3809819.16       30.04876
         371253.01    3809795.67       31.31401                  371255.77
3809772.17       31.75729
         371258.52    3809748.68       29.91809                  371261.28
3809725.19       27.87218
         371277.84    3809798.58       29.91478                  371280.60
3809775.09       29.95815
         371283.35    3809751.59       29.13458                  371286.11
3809728.10       26.99144
         371302.67    3809801.49       28.83382                  371305.43
3809778.00       28.09378
         371308.18    3809754.51       27.30445                  371310.94
3809731.01       24.79084
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*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371410.26	3809742.67	24.08014	371476.46	3809936.74	19.90009
371459.89	3809978.20	17.66361	371443.32	3810019.66	17.03297
371504.06	3809801.31	20.54549	371506.82	3809777.81	19.62396
371509.58	3809754.32	18.25687	371575.17	3809949.93	20.67082
371566.57	3809971.43	20.57130	371557.98	3809992.92	18.91981
371549.39	3810014.42	18.24242	371532.20	3810057.41	17.22481
371523.61	3810078.91	19.37155	371603.38	3809812.96	19.89355
371606.14	3809789.47	19.68713	371608.89	3809765.98	18.25238
371667.50	3809979.05	16.95124	371651.39		

3810019.36 18.73190
371627.22 3810079.82 17.18285 371611.11
3810120.12 17.82571
371702.70 3809824.62 14.89890 371705.46
3809801.12 14.43269
371708.21 3809777.63 14.55230 371774.42
3809971.70 15.41498
371757.85 3810013.16 17.09578 371716.41
3810116.81 16.66890
371699.84 3810158.27 17.35995 371683.27
3810199.72 15.60196
371802.02 3809836.27 13.09094 371804.78
3809812.78 12.92477
371807.53 3809789.28 12.85305 371241.61
3809695.52 32.81457
371238.97 3809652.85 31.86247 371236.33
3809610.18 28.98241
371233.69 3809567.51 28.90136 371266.56
3809693.97 30.54633
371263.92 3809651.30 29.57681 371261.28
3809608.63 29.14481
371258.64 3809565.96 32.75788 371291.52
3809692.43 29.22186
371288.88 3809649.76 29.54013 371286.24
3809607.09 30.13636
371283.60 3809564.42 32.89646 371315.33
3809704.99 26.16921
371315.15 3809669.55 26.97423 371312.51
3809626.88 28.27056
371309.87 3809584.21 30.11269 371414.77
3809703.52 21.86356
371414.96 3809663.37 19.82922 371412.32
3809620.70 20.81170
371409.68 3809578.03 21.31424 371514.39
3809699.70 17.41762
371514.77 3809657.20 17.00219 371512.13
3809614.53 17.16581
371509.49 3809571.86 17.25971 371614.38
3809691.17 17.51532
371611.36 3809728.80 17.18306 371611.94
3809608.35 15.43076
371609.30 3809565.68 15.51199 371714.08
3809686.34 15.78941
371710.84 3809726.66 15.51475 371707.79
3809538.17 14.20397
371813.81 3809681.17 13.02124 371810.41
3809723.50 13.02643
371807.01 3809765.83 12.84303 371814.19
3809638.67 13.04894
371811.55 3809596.00 13.08809 371808.91

3809553.33   13.14418
         371220.42   3809538.97   31.40834   371200.28
3809503.49   36.84091
         371252.23   3809544.37   32.55483   371232.09
3809508.89   34.97662
         371273.97   3809532.04   34.40202   371253.84
3809496.56   36.46369
         371299.99   3809534.09   30.32020   371285.65
3809501.96   33.67527
         371265.51   3809466.48   34.15107   371387.82
3809487.61   21.44984
         371398.09   3809522.16   21.26676   371372.62
3809452.60   23.40158

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371352.49   3809417.12   24.80356   371475.16
3809439.50   21.14404
         371486.16   3809476.50   21.33605   371497.16
3809513.51   19.19558
         371459.59   3809403.25   22.30880   371439.46
3809367.77   26.35300
         371562.34   3809390.83   17.58694   371573.75
3809429.21   16.80497

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         371585.16    3809467.59       16.34438                  371596.57
3809505.97       15.96243
         371546.56    3809353.90       17.86067                  371526.43
3809318.42       19.81302
         371648.95    3809340.27       18.90591                  371659.65
3809376.26       17.06137
         371670.35    3809412.24       16.52480                  371681.04
3809448.22       16.22342
         371691.74    3809484.20       14.83247                  371633.54
3809304.54       20.78677
         371613.40    3809269.06       22.01138                  371736.08
3809291.44       16.71079
         371747.08    3809328.45       15.53706                  371758.08
3809365.46       14.65011
         371769.09    3809402.46       13.80421                  371780.09
3809439.47       13.58326
         371791.09    3809476.48       13.37505                  371802.09
3809513.49       13.25759
         371720.51    3809255.19       17.75404                  371700.38
3809219.71       19.89912
         371213.90    3809479.62       40.57702                  371371.98
3809566.64       24.12859
         371468.70    3809592.05       18.18352                  371479.88
3809549.49       17.93759
         371565.41    3809617.46       16.93694                  371576.59
3809574.90       15.97217
         371662.13    3809642.86       15.11897                  371673.31
3809600.30       14.55577
         371758.85    3809668.27       13.83370                  371770.03
3809625.71       13.80195
         371231.90    3809459.40       37.40379                  371348.34
3809595.09       26.64032
         371438.82    3809641.46       20.45460                  371240.09
3809428.48       31.21314
         371246.85    3809388.73       28.88066                  371264.74
3809432.67       29.52668
         371271.50    3809392.92       26.31180                  371286.01
3809456.74       30.30512
         371292.76    3809416.99       25.97943                  371299.52
3809377.24       24.49323
         371304.23    3809475.64       30.95411                  371314.03
3809441.05       25.99589
         371320.79    3809401.30       23.81096                  371409.24
3809477.68       21.18528
         371416.00    3809437.93       24.61111                  371422.75
3809398.18       26.45648
         371511.21    3809474.56       20.11529                  371517.96
3809434.81       18.29726
         371598.70    3809528.85       15.79912                  371544.72
3809652.49       17.55533
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         371613.17    3809471.43       17.21167                       371619.93
3809431.68       17.68384
         371688.94    3809564.74       14.43545                       371708.38
3809508.06       14.30045
         371715.14    3809468.31       14.58439                       371788.17
3809580.02       13.28996
         371813.72    3809485.07       13.11926                       371225.14
3809339.67       31.38745
         371181.23    3809340.45       41.01795                       371137.32
3809341.23       38.79836
         371244.09    3809323.38       28.86998                       371269.18
3809352.56       26.40310
         371202.74    3809315.07       33.66314                       371158.83
3809315.85       40.64918
         371243.65    3809298.38       29.36647                       371288.14
3809336.26       26.08999
         371202.29    3809290.07       30.59803                       371158.38
3809290.85       35.76285
         371243.21    3809273.38       30.94861                       371282.01
3809290.78       29.83654
         371307.10    3809319.96       25.48502                       371318.48
3809360.94       24.01531
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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371201.85	3809265.08	29.01240	371157.94	3809265.86	30.71741
371241.43	3809173.40	29.37187	371280.23	3809190.80	28.10756
371319.03	3809208.19	28.12441	371357.84	3809225.59	27.85652
371382.93	3809254.77	27.70487	371394.31	3809295.75	28.02219
371405.68	3809336.72	27.79887	371200.07	3809165.09	30.48120
371156.16	3809165.87	31.34406	371239.65	3809073.42	27.10227
371278.46	3809090.81	26.33128	371317.26	3809108.21	25.15864
371356.06	3809125.60	25.22774	371394.86	3809143.00	25.13568
371433.66	3809160.40	24.98020	371458.76	3809189.58	24.91049
371470.13	3809230.55	25.22207	371481.51	3809271.53	25.27441
371492.89	3809312.50	22.62944	371504.27	3809353.47	19.46478
371515.65	3809394.44	18.11992	371198.30	3809065.11	27.50552
371154.39	3809065.89	28.12625	371237.88	3808973.43	25.06145
371276.68	3808990.83	23.27533	371315.48	3809008.22	23.88172
371354.28	3809025.62	22.80145	371393.09	3809043.02	21.66947
371431.89	3809060.41	22.91185	371470.69	3809077.81	22.92556
371509.49	3809095.20	22.77882	371534.58	3809124.39	22.73088
371545.96	3809165.36	23.02904	371557.34	3809206.33	23.20029
371568.72	3809247.31	23.16987	371580.10	3809288.28	22.73808
371591.48	3809329.25	20.86265	371602.86	3809370.22	19.43501
371196.52	3808965.12	25.37112	371152.61	3808965.90	26.02765
371236.10	3808873.45	23.29995	371274.90	3808890.84	23.09256
371313.71	3808908.24	22.98619	371352.51	3808925.64	22.41552
371391.31	3808943.03	19.99877	371430.11	3808960.43	20.02016
371468.92	3808977.82	21.22903	371507.72		

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3808995.22       20.76571
         371546.52    3809012.62       20.52012                       371585.32
3809030.01       20.97630
         371610.41    3809059.20       20.99123                       371621.79
3809100.17       21.27390
         371633.17    3809141.14       21.49228                       371644.55
3809182.11       21.55016
         371655.93    3809223.09       19.39022                       371667.31
3809264.06       18.16694
         371678.69    3809305.03       17.78655                       371690.07
3809346.01       17.32016
         371701.44    3809386.98       15.50378                       371712.82
3809427.95       15.04353
         371194.74    3808865.14       23.61555                       371150.83
3808865.92       24.09413
         371234.32    3808773.46       21.76788                       371273.13
3808790.86       21.60722
         371311.93    3808808.25       21.55570                       371350.73
3808825.65       21.51691
         371389.53    3808843.05       20.26569                       371428.34
3808860.44       18.71509
         371467.14    3808877.84       16.85101                       371505.94
3808895.24       18.07918
         371544.74    3808912.63       16.32101                       371583.55
3808930.03       18.36462
         371622.35    3808947.42       19.10130                       371661.15
3808964.82       19.55523
         371686.24    3808994.00       19.53487                       371697.62
3809034.98       19.79052
         371709.00    3809075.95       20.08180                       371720.38
3809116.92       20.08591
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371731.76	3809157.90	20.08468	371743.14	3809198.87	19.50427
371754.52	3809239.84	18.03263	371765.89	3809280.81	16.72618
371777.27	3809321.79	15.68697	371788.65	3809362.76	14.48288
371800.03	3809403.73	13.61655	371811.41	3809444.70	13.20951
371192.97	3808765.15	21.82128	371149.06	3808765.93	22.21611
371114.74	3809341.85	37.84968	371070.05	3809343.06	41.71653
371025.36	3809344.27	47.26491	371114.06	3809316.86	38.29076
371069.37	3809318.07	42.66980	371024.69	3809319.28	43.68402
371135.72	3809291.26	37.92721	371091.04	3809292.47	39.97540
371046.35	3809293.68	36.44489	371001.66	3809294.90	39.17494
371135.05	3809266.27	31.57421	371090.36	3809267.48	33.33998
371045.67	3809268.69	34.62767	371000.99	3809269.91	38.56338
371132.33	3809166.30	31.79466	371087.64	3809167.52	32.92529
371042.96	3809168.73	34.15399	370998.27	3809169.94	34.05863
371129.62	3809066.34	28.50942	371084.93	3809067.55	29.58360
371040.24	3809068.77	30.51557	370995.56	3809069.98	31.29789
371126.90	3808966.38	26.40357	371082.22	3808967.59	27.07882
371037.53	3808968.80	27.76654	370992.84	3808970.02	28.76169
371124.19	3808866.41	24.36220	371079.50	3808867.63	24.88612
371034.82	3808868.84	25.62623	370990.13	3808870.05	26.39432

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         371121.47    3808766.45       22.42220                       371076.79
3808767.66       23.11274
         371032.10    3808768.88       23.64390                       370987.41
3808770.09       24.02887
         371028.69    3809369.08       56.42128                       371053.68
3809368.30       52.13392
         371078.66    3809367.51       48.62599                       371103.65
3809366.72       45.48823
         371203.60    3809363.57       38.30506                       371601.97
3809305.59       21.71350
         370967.46    3809295.55       45.83397                       371023.31
3809282.64       36.30211
         370970.16    3809270.70       40.43600                       371026.01
3809257.79       36.85375
         370991.61    3809247.88       39.05918                       370954.11
3809243.81       41.28241
         371028.71    3809232.93       36.56446                       371060.00
3809248.67       33.84962
         370994.31    3809223.03       38.19602                       370956.81
3809218.95       39.78407
         371039.51    3809133.52       32.59525                       371070.79
3809149.25       32.60828
         371155.65    3809204.78       32.79073                       371168.94
3809237.18       31.88195
         371005.11    3809123.61       33.08745                       370967.60
3809119.54       33.58007
         371050.30    3809034.10       29.37333                       371159.81
3809089.17       28.63933
         371191.09    3809104.90       28.66501                       371229.02
3809136.84       28.96386
         371255.60    3809201.63       29.11967                       371268.89
3809234.03       29.97568
         371282.19    3809266.43       30.34429                       371015.91
3809024.20       29.74190
         370978.40    3809020.12       30.17277                       371062.14
3808935.21       26.55749
         371178.95    3808993.95       26.22493                       371212.32
3809010.73       26.08311
         371245.69    3809027.51       26.01446                       371279.06
3809044.30       25.61830
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371302.84	3809069.97	25.27867	371331.19	3809139.09	25.78408
371345.37	3809173.65	26.55074	371026.70	3808924.78	26.85674
370989.20	3808920.71	27.65761	371072.72	3808835.68	24.36603
371105.65	3808852.25	24.30232	371171.52	3808885.37	24.25681
371204.45	3808901.93	24.14442	371237.38	3808918.49	23.99623
371270.32	3808935.05	23.89670	371303.25	3808951.62	23.61184
371336.18	3808968.18	22.11631	371376.11	3809001.79	20.66799
371404.09	3809070.00	22.56866	371418.08	3809104.11	24.06805
371037.50	3808825.37	24.79131	370999.99	3808821.29	25.06662
371083.37	3808736.20	22.23149	371181.31	3808785.45	22.22577
371213.96	3808801.87	22.39002	371246.61	3808818.28	22.28739
371279.25	3808834.70	22.16371	371311.90	3808851.12	22.11200
371344.55	3808867.54	21.09257	371377.19	3808883.96	19.44565
371409.84	3808900.37	18.23069	371449.42	3808933.70	20.06039
371477.16	3809001.31	21.60774	371491.03	3809035.12	21.94408
371504.89	3809068.93	22.43495	371048.30		

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3808725.95       22.40110
         371010.79    3808721.88       22.22555                       371130.62
3809235.69       30.87174
         371235.07    3809238.10       30.97145                       371226.97
3809208.93       30.84648
         371323.33    3809182.18       27.16297                       371427.78
3809184.59       25.49788
         371524.13    3809157.83       23.30581                       370932.62
3809258.34       43.20666
         370899.12    3809241.05       45.46387                       370927.34
3809227.48       41.96775
         370938.80    3809205.26       39.56502                       370983.77
3809200.33       37.45841
         370950.27    3809183.05       35.82779                       371096.95
3809194.28       33.17622
         371029.62    3809111.47       32.15775                       370996.12
3809094.18       32.20504
         371087.13    3809036.94       28.79267                       371133.75
3809094.27       29.20541
         371157.05    3809122.93       29.80082                       371180.36
3809151.60       30.44795
         371041.98    3809005.32       28.68331                       371204.51
3809036.03       26.69862
         371252.04    3809094.49       27.26875                       371275.80
3809123.72       26.96461
         371299.56    3809152.95       26.48136                       371121.34
3808933.74       25.78315
         371087.84    3808916.45       25.83131                       371247.53
3808943.68       24.35806
         371327.87    3809042.49       24.06613                       371350.82
3809070.73       23.97622
         371373.77    3809098.96       24.37677                       371167.19
3808844.87       23.55019
         371133.69    3808827.58       23.50051                       371317.93
3808885.00       22.59584
         371387.85    3808971.00       20.49266                       371411.16
3808999.67       20.64054
         371434.46    3809028.33       22.25680                       371457.77
3809057.00       22.71786
         371179.55    3808738.72       21.53152                       370867.46
3809234.56       44.21436
         370843.15    3809230.50       44.78848                       370895.89
3809213.95       40.79398
         370871.58    3809209.90       40.27427                       370900.00
3809189.29       38.12452
         370875.69    3809185.24       38.01942                       370918.81
3809169.52       35.20126
         370879.80    3809160.58       37.06967                       370940.17
3809072.51       33.29574
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370896.26	3809061.94	35.04040	370959.07	3808974.69	29.37518
370937.02	3808967.36	29.99907	371012.28	3808888.26	26.48057
371051.48	3808901.29	26.03706	371011.93	3808784.04	24.07369
371053.94	3808798.00	24.02720	371095.94	3808811.96	23.59659
370945.62	3808766.03	24.95709	370921.31	3808761.97	25.34575
371008.43	3808678.78	20.77677	371030.48	3808686.10	21.04981
371052.54	3808693.43	21.67373	371074.59	3808700.76	21.82776
371096.64	3808708.09	21.91929	371118.69	3808715.42	21.82709
371140.75	3808722.75	21.58478	370986.38	3808671.45	21.47614
370962.07	3808667.39	21.72011	370937.76	3808663.34	21.84251
371339.04	3809255.16	29.10960	371439.04	3809255.16	26.24904

370908.89 3809261.42 47.66728 371333.84
3809341.70 24.47393
371397.80 3809452.69 23.56199 370889.69
3809134.21 37.55436
370883.21 3809090.99 37.10664 370876.73
3809047.77 35.84257
370914.42 3809130.50 36.24685 370907.93
3809087.28 35.28565
370898.21 3809022.45 33.57567 370942.38
3809148.40 34.67239
370935.90 3809105.18 34.50011 370926.17
3809040.35 32.79822
370965.18 3809161.78 34.10400 370950.90
3809036.65 31.12026
371059.08 3809191.38 34.55809 371062.76
3809108.25 31.28895
371151.92 3809028.59 27.37364 371259.17
3809141.21 27.95564
371257.30 3809056.97 26.38689 371355.47
3809149.44 25.73784
371338.65 3809298.98 29.10398 371349.71
3808998.92 22.15591
371456.96 3809111.54 23.66086 371445.42
3809214.07 25.50652
371436.20 3809296.10 26.67113 371431.58
3809337.12 26.94302
371451.85 3809005.69 21.83904 370877.58
3809012.03 34.70746
370881.83 3808989.54 33.46307 370890.34
3808944.56 32.03916
370894.60 3808922.07 31.34976 370898.85
3808899.59 30.44152
370914.91 3808949.21 30.46432 370919.16
3808926.72 29.84000
370923.42 3808904.23 29.09043 370931.93
3808859.26 26.89160
370930.96 3808998.84 31.25835 370943.73
3808931.37 28.69594
370947.98 3808908.88 28.21253 370956.49
3808863.90 26.49476
370955.53 3809003.48 30.23538 370968.29
3808936.02 28.16850
370976.80 3808891.04 27.08141 371173.32
3808928.22 25.04066
371267.32 3808969.30 24.21812 371344.30
3809100.33 24.75747
371459.58 3809028.97 22.22762 370904.45
3808837.47 28.11489
370892.30 3808816.40 28.72269 370880.14
3808795.33 29.74851

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371056.04   3808750.02   22.92710   371158.18
3808791.46   22.52343
         371162.05   3808814.32   22.97027   371142.66
3808700.05   21.34719
         371130.50   3808678.98   21.22502   371118.35
3808657.91   20.92574
         371233.16   3808672.93   20.11151   371237.04
3808695.79   20.48989
         371240.92   3808718.64   20.85539   371244.80
3808741.49   21.16803
         371264.19   3808855.76   22.70167   371229.28
3808650.08   19.75376
         371217.12   3808629.01   19.56818   371204.97

3808607.94 19.37484
371319.78 3808622.96 18.97602 371323.66
3808645.82 19.21206
371327.54 3808668.67 19.48117 371331.42
3808691.52 19.77009
371335.29 3808714.38 20.05259 371339.17
3808737.23 20.32458
371343.05 3808760.09 20.66709 371346.93
3808782.94 20.90920
371315.90 3808600.11 18.76495 371303.74
3808579.04 18.54144
371291.59 3808557.97 18.29430 371406.40
3808572.99 17.84828
371410.28 3808595.85 18.13826 371414.16
3808618.70 18.39321
371418.04 3808641.55 18.57633 371421.91
3808664.41 18.80193
371425.79 3808687.26 18.97872 371429.67
3808710.12 19.11015
371433.55 3808732.97 19.22694 371437.43
3808755.82 19.18376
371441.31 3808778.68 18.59437 371445.19
3808801.53 17.89131
371449.07 3808824.38 17.59660 371452.95
3808847.24 17.68094
371464.58 3808915.80 18.81643 371402.52
3808550.14 17.58796
371390.36 3808529.07 17.38415 371378.21
3808508.00 17.21421
370877.65 3808756.30 28.16190 370874.81
3808731.98 26.88622
370871.97 3808707.67 25.66336 370899.64
3808729.09 25.13103
370896.80 3808704.77 24.25402 370924.47
3808726.19 24.11598
370921.63 3808701.88 23.19085 370949.30
3808723.29 23.75277
370946.47 3808698.98 23.04756 371255.79
3808761.45 21.36417
371448.77 3808689.64 18.68175 371445.93
3808665.33 18.54059
371443.09 3808641.02 18.36086 370845.48
3808685.63 24.94584
370821.17 3808687.25 24.52229 370861.47
3808666.41 24.10290
370859.81 3808641.46 23.11493 370903.95
3808669.24 22.70869
370858.14 3808616.52 21.94637 370893.45
3808627.98 21.97199
370874.19 3808524.10 19.06550 370914.54

3808537.20   19.29750
         370954.89   3808550.29   18.83142   370985.17
3808575.49   18.96081
         371005.38   3808612.79   20.03403   371025.59
3808650.09   20.26796
         370890.74   3808431.85   15.24516   370933.11
3808445.60   16.27385
         370975.48   3808459.35   17.05531   371017.85
3808473.10   17.83647
         371049.64   3808499.55   18.12334   371070.86
3808538.72   18.31390
         371092.08   3808577.88   19.31630   371113.29
3808617.05   19.76534
         370907.45   3808339.65   16.64706   370929.18
3808346.70   15.93382
         370950.91   3808353.75   15.36168   370972.63
3808360.80   15.57970

 *** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370994.36   3808367.85   16.15770   371016.09
3808374.90   16.21706
         371037.82   3808381.95   16.46346   371059.54
3808389.00   16.64322

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         371081.27    3808396.05       16.72613                    371113.88
3808423.19       16.99308
         371124.76    3808443.27       17.09936                    371135.64
3808463.36       17.07429
         371146.52    3808483.44       17.30039                    371157.40
3808503.52       17.80887
         371168.28    3808523.61       18.27411                    371179.16
3808543.69       18.46511
         371190.04    3808563.78       18.80697                    371200.92
3808583.86       19.23370
         370924.23    3808247.48       15.74930                    370946.29
3808254.64       15.35461
         370968.36    3808261.80       14.84699                    370990.43
3808268.96       13.88013
         371012.49    3808276.12       13.55628                    371034.56
3808283.28       14.25437
         371056.63    3808290.44       15.08678                    371078.70
3808297.60       14.70986
         371100.76    3808304.75       14.10239                    371122.83
3808311.91       13.93017
         371144.90    3808319.07       14.43490                    371178.01
3808346.63       15.77053
         371189.06    3808367.03       16.05281                    371200.11
3808387.43       16.16220
         371211.16    3808407.83       16.35182                    371222.21
3808428.23       16.85210
         371233.26    3808448.62       17.07118                    371244.32
3808469.02       17.27179
         371255.37    3808489.42       17.44786                    371266.42
3808509.82       17.79115
         371277.47    3808530.22       18.04469                    370918.74
3808148.07       13.66700
         370941.04    3808155.31       13.38681                    370963.34
3808162.54       13.76050
         370985.64    3808169.78       14.09985                    371007.94
3808177.02       12.76663
         371030.24    3808184.25       12.09107                    371052.53
3808191.49       12.07640
         371074.83    3808198.72       12.55951                    371097.13
3808205.96       12.95346
         371119.43    3808213.19       13.12690                    371141.73
3808220.43       13.15209
         371164.03    3808227.66       13.48573                    371186.33
3808234.90       14.49582
         371208.63    3808242.13       14.62383                    371242.09
3808269.98       14.89285
         371253.26    3808290.59       15.04499                    371264.43
3808311.21       15.16936
         371275.59    3808331.82       15.41972                    371286.76
3808352.43       15.82086
```

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         371297.93    3808373.05       15.98000                      371309.09
3808393.66       16.16550
         371320.26    3808414.27       16.41561                      371331.43
3808434.89       16.56919
         371342.59    3808455.50       16.81396                      371353.76
3808476.11       16.98883
         370807.24    3808111.90       13.87875                      370782.93
3808113.52       14.44919
         370850.78    3808734.63       29.53137                      370853.16
3808759.51       32.23994
         370861.00    3809110.37       40.03919                      370826.58
3808651.51       23.26607
         370934.22    3808562.55       19.37685                      370954.83
3808592.62       19.33706
         370975.43    3808622.70       20.11886                      370903.31
3808517.43       18.76983
         370971.99    3808481.43       17.69950                      370992.59
3808511.51       18.22420
         371013.20    3808541.59       18.58143                      371033.81
3808571.67       18.89877
         371054.41    3808601.74       19.72532                      371075.02
3808631.82       20.27635
         371095.62    3808661.90       20.90429                      371095.69
3808788.77       23.20612
         370930.77    3808421.27       15.42738                      371009.75
3808400.31       16.46413
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371030.36	3808430.39	17.08019	371050.96	3808460.47	17.61210
371071.57	3808490.55	17.89523	371092.18	3808520.63	17.85421
371112.78	3808550.71	18.83850	371133.39	3808580.78	19.11826
371154.00	3808610.86	19.65862	371174.60	3808640.94	20.10798
371195.21	3808671.02	20.31947	371105.23	3808888.31	25.03724
371015.19	3808978.74	28.46944	370958.24	3808325.12	15.25195
370922.70	3808314.97	16.65488	370996.00	3808244.00	13.59432
371047.52	3808319.20	15.69000	371068.12	3808349.28	16.12621
371212.37	3808559.82	18.64857	371232.97	3808589.90	19.08309
371253.58	3808619.98	19.23566	371274.18	3808650.06	19.61532
371294.79	3808680.14	19.81301	371320.58	3808781.17	21.11180
371114.77	3808987.86	27.08240	371089.04	3809013.69	28.15656
370967.93	3808223.89	15.26185	371023.46	3808147.85	12.26109
371074.98	3808223.04	12.40693	371095.58	3808253.12	13.06549
371116.19	3808283.20	13.38820	371342.86	3808614.06	18.64388
371363.47	3808644.14	19.01008	371384.07	3808674.22	19.28546
371404.68	3808704.30	19.41723	371420.16	3808790.29	19.02272
371394.44	3808816.12	20.36020	371291.53	3808919.47	23.42211
371175.76	3809035.73	27.09211	371111.45	3809100.32	29.87542
371085.72	3809126.15	31.32700	371021.41	3809190.74	35.77129
370931.37	3809281.17	48.52655	370995.39	3808127.73	12.06030
370822.83	3808712.19	26.80442	370847.14	3808710.57	26.95049
370858.49	3808807.82	35.31060	370882.80		

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3808849.96       30.92310
         370848.76    3809029.87       37.87154                       370868.21
3809159.53       37.25571
         370839.04    3809234.09       45.82055                       370839.04
3809255.16       55.43557
         370887.66    3809263.27       51.16603                       370937.91
3809289.20       49.51311
         370946.01    3809318.37       53.85915                       371002.27
3809324.48       50.16875
         371003.70    3809369.87       64.41664                       371137.76
3809366.23       42.46599
         371225.58    3809364.67       32.01470                       371212.07
3809444.17       38.01988
         371189.72    3809473.27       45.23351                       371178.54
3809515.83       48.68420
         371208.74    3809569.05       35.04099                       371216.66
3809697.06       34.56573
         371211.62    3809719.36       35.93068                       371195.08
3809860.32       40.66033
         371186.45    3809871.82       46.30499                       371200.11
3809894.84       37.88697
         371192.92    3810052.34       32.57068                       371165.59
3810045.87       34.12754
         371154.09    3810042.27       35.09825                       371154.09
3810059.53       30.85267
         371146.18    3810064.57       30.48432                       371023.91
3810055.93       35.28189
         371015.28    3810023.57       45.96320                       370757.81
3809977.54       56.75297
         370666.48    3810060.97       45.80038                       370592.02
3810093.12       40.83042
         370548.02    3810093.97       40.56675                       370528.56
3810117.66       31.65147
         370503.18    3810116.81       30.86051                       370485.41
3810093.97       38.08115
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:32:39

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370430.41   3810099.89   35.54181   370313.65
3810112.58   32.48634
         370298.42   3810126.97   27.33484   370223.96
3810150.66   26.25910
         370196.04   3810181.96   21.46581   370170.66
3810183.66   21.25180
         370135.12   3810190.42   21.83047   370108.05
3810175.19   26.27247
         370075.05   3810182.81   25.48537   369956.59
3810155.73   25.62998
         369907.52   3810133.74   26.65356   369878.75
3810142.20   19.33441
         369864.37   3810132.89   19.19840   369868.60
3810115.97   24.78862
         369829.68   3810091.43   19.07432   369822.06
3810071.12   14.95903
         369832.22   3810049.97   13.71553   369849.98
3810046.59   15.76091
         370020.05   3810114.27   32.02197   370020.05
3810077.05   19.87488
         370036.97   3810070.28   18.61865   370049.67
3810076.20   19.51889
         370079.28   3810067.74   18.88334   370097.05
3810031.36   16.14957
         370116.51   3810027.13   16.41504   370171.50
3810050.82   21.58121
         370186.73   3810037.28   23.35131   370218.04
3810033.05   21.88493
         370226.50   3810041.51   23.95357   370244.27
3810027.97   22.89155
         370289.11   3810031.36   26.83662   370324.65
3810044.89   35.61735
         370467.64   3810030.51   43.90132   370478.64
3810027.97   43.66367
         370489.64   3810000.90   37.45906   370531.10
3809993.28   44.24132

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         370549.71    3809988.21       50.88377                       370578.48
3809983.97       59.15561
         370638.56    3809975.51       58.70098                       370652.94
3809970.44       60.60925
         370655.48    3809958.59       64.94412                       370597.94
3809958.59       56.24065
         370524.33    3809960.28       44.03372                       370494.72
3809938.29       42.72991
         370450.72    3809941.67       32.18802                       370431.26
3809942.52       29.68053
         370427.03    3809924.75       30.64356                       370430.41
3809906.13       33.12305
         370408.41    3809902.75       29.78781                       370394.03
3809710.68       34.83252
         370394.88    3809696.30       34.38209                       370402.49
3809685.30       36.07254
         370426.18    3809701.38       47.96168                       370426.18
3809625.23       40.24729
         370439.72    3809600.69       41.06908                       370503.18
3809546.54       37.92683
         370698.63    3809431.47       46.21146                       370715.55
3809438.24       56.95764
         370766.32    3809401.01       61.93026                       370767.16
3809342.63       53.07522
         370734.16    3809307.09       38.72936                       370739.24
3809271.55       36.96741
         370795.93    3809270.71       50.39229                       370795.93
3809163.25       39.10820
         370797.62    3808929.73       33.17872                       370806.93
3808880.65       34.32773
         370809.47    3808845.12       33.12973                       370813.70
3808830.73       33.26365
         370789.16    3808796.89       28.17357                       370801.01
3808766.43       28.98599
         370809.47    3808708.05       25.69093                       370812.85
3808699.59       25.18443
         370848.39    3808709.74       26.80167

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:32:39

                                  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  ARM2  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***
```

** CONC OF NO2 IN MICROGRAMS/M**3
**

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	64.94412 AT (370655.48, 3809958.59, 495.91, 1482.08, 0.00)	DC	
	2ND HIGHEST VALUE IS	64.41664 AT (371003.70, 3809369.87, 500.00, 1482.08, 0.00)	DC	
	3RD HIGHEST VALUE IS	61.93026 AT (370766.32, 3809401.01, 501.99, 1482.08, 0.00)	DC	
	4TH HIGHEST VALUE IS	60.60925 AT (370652.94, 3809970.44, 499.77, 1482.08, 0.00)	DC	
	5TH HIGHEST VALUE IS	59.15561 AT (370578.48, 3809983.97, 485.88, 1482.08, 0.00)	DC	
	6TH HIGHEST VALUE IS	58.70098 AT (370638.56, 3809975.51, 499.07, 1482.08, 0.00)	DC	
	7TH HIGHEST VALUE IS	58.63563 AT (370628.50, 3809965.20, 495.27, 1482.08, 0.00)	DC	
	8TH HIGHEST VALUE IS	58.36494 AT (370573.98, 3809984.15, 485.46, 1482.08, 0.00)	DC	
	9TH HIGHEST VALUE IS	56.95764 AT (370715.55, 3809438.24, 500.25, 1482.08, 0.00)	DC	
	10TH HIGHEST VALUE IS	56.75297 AT (370757.81, 3809977.54, 486.89, 1482.08, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV ARM2 URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)

```
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3148       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3148       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN

```
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - -
```

```
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                 PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
             **

                                                    DATE
                                        NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       3.56425m ON 22120324: AT (  371003.70,
3809369.87,   500.00,  1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                 PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of           74 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3146       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732    1608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W732    3648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W732   10512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
 CN W732   10536         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
 CN W732   10560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W732   10584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
 CN W732   10992         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
 CN W732   11016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

2020101624
 CN W732   15744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
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2023122624

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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/4/2025
** FILE: BELCARO-PM2.5-24-Hour\BELCARO.ADI
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**************************************
** AERMOD CONTROL PATHWAY
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   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL BELCARO.ERR
CO FINISHED
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** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
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** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0995383256
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
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   LOCATION L0001467     VOLUME   370847.998 3809692.663 494.53
   LOCATION L0001468     VOLUME   370856.207 3809686.952 494.69
   LOCATION L0001469     VOLUME   370864.416 3809681.241 494.85
   LOCATION L0001470     VOLUME   370872.625 3809675.531 495.01
   LOCATION L0001471     VOLUME   370875.546 3809679.940 494.88
   LOCATION L0001472     VOLUME   370875.546 3809689.940 494.60
   LOCATION L0001473     VOLUME   370875.546 3809699.940 494.31
   LOCATION L0001474     VOLUME   370875.546 3809709.940 494.02
   LOCATION L0001475     VOLUME   370875.546 3809719.940 493.73
   LOCATION L0001476     VOLUME   370875.546 3809729.940 493.44
   LOCATION L0001477     VOLUME   370875.546 3809739.940 493.15
   LOCATION L0001478     VOLUME   370869.052 3809743.446 493.09
   LOCATION L0001479     VOLUME   370859.052 3809743.446 493.15
   LOCATION L0001480     VOLUME   370849.052 3809743.446 493.21
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SRCPARAM L0001427     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001428     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001429     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001430     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001431     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001432     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001433     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001434     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001435     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001436     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001437     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001438     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001439     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001440     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001441     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001442     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001443     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001444     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001445     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001446     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001447     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001448     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001449     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001450     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001451     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001452     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001453     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001454     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001455     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001456     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001457     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001458     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001459     0.0000672556      5.00      4.65      4.65
SRCPARAM L0001460     0.0000672556      5.00      4.65      4.65
```

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   SRCPARAM L0001461     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001462     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001463     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001464     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001465     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001466     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001467     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001468     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001469     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001470     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001471     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001472     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001473     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001474     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001475     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001476     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001477     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001478     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001479     0.0000672556      5.00      4.65      4.65
   SRCPARAM L0001480     0.0000672556      5.00      4.65      4.65
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED BELCARO.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE BELCARO.DAT\SCLR_V11_TRIMMED.SFC
   PROFFILE BELCARO.DAT\SCLR_V11_TRIMMED.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
```

```
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST BELCARO.AD\24H1GALL.PLT 31
   SUMMFILE BELCARO.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3146       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
```

```
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:   1480 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
```

b for Both Calm and
Missing Hours

 **Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   36.00 ; Decay
Coef. =   0.000   ; Rot. Angle =   0.0
                  Emission Units = GRAMS/SEC   ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =   4.5 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: BELCARO.ERR

 **File for Summary of Results: BELCARO.SUM

↟ *** AERMOD - VERSION 24142 ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***   08/05/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   07:57:22

                                  PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - - -

 L0000001   0   0.67256E-04 370831.2 3808733.6   529.6   5.00   4.65
4.65   YES   NO
 L0000002   0   0.67256E-04 370832.9 3808743.5   529.1   5.00   4.65
4.65   YES   NO
 L0000003   0   0.67256E-04 370834.5 3808753.3   528.5   5.00   4.65
4.65   YES   NO
 L0000004   0   0.67256E-04 370836.1 3808763.2   528.0   5.00   4.65
4.65   YES   NO
 L0000005   0   0.67256E-04 370837.8 3808773.1   527.5   5.00   4.65
4.65   YES   NO

L0000006	0	0.67256E-04	370839.4	3808782.9	526.9	5.00	4.65	
4.65	YES	NO						
L0000007	0	0.67256E-04	370841.0	3808792.8	526.4	5.00	4.65	
4.65	YES	NO						
L0000008	0	0.67256E-04	370842.7	3808802.7	525.9	5.00	4.65	
4.65	YES	NO						
L0000009	0	0.67256E-04	370844.3	3808812.5	525.3	5.00	4.65	
4.65	YES	NO						
L0000010	0	0.67256E-04	370845.9	3808822.4	524.8	5.00	4.65	
4.65	YES	NO						
L0000011	0	0.67256E-04	370846.9	3808832.3	524.2	5.00	4.65	
4.65	YES	NO						
L0000012	0	0.67256E-04	370845.4	3808842.1	523.4	5.00	4.65	
4.65	YES	NO						
L0000013	0	0.67256E-04	370843.9	3808852.0	522.5	5.00	4.65	
4.65	YES	NO						
L0000014	0	0.67256E-04	370842.4	3808861.9	521.7	5.00	4.65	
4.65	YES	NO						
L0000015	0	0.67256E-04	370840.8	3808871.8	520.9	5.00	4.65	
4.65	YES	NO						
L0000016	0	0.67256E-04	370839.3	3808881.7	520.0	5.00	4.65	
4.65	YES	NO						
L0000017	0	0.67256E-04	370837.8	3808891.6	519.2	5.00	4.65	
4.65	YES	NO						
L0000018	0	0.67256E-04	370836.3	3808901.5	518.3	5.00	4.65	
4.65	YES	NO						
L0000019	0	0.67256E-04	370834.8	3808911.3	517.5	5.00	4.65	
4.65	YES	NO						
L0000020	0	0.67256E-04	370833.3	3808921.2	516.7	5.00	4.65	
4.65	YES	NO						
L0000021	0	0.67256E-04	370831.9	3808931.1	515.9	5.00	4.65	
4.65	YES	NO						
L0000022	0	0.67256E-04	370831.6	3808941.1	515.6	5.00	4.65	
4.65	YES	NO						
L0000023	0	0.67256E-04	370831.4	3808951.1	515.3	5.00	4.65	
4.65	YES	NO						
L0000024	0	0.67256E-04	370831.1	3808961.1	514.9	5.00	4.65	
4.65	YES	NO						
L0000025	0	0.67256E-04	370830.9	3808971.1	514.6	5.00	4.65	
4.65	YES	NO						
L0000026	0	0.67256E-04	370830.6	3808981.1	514.3	5.00	4.65	
4.65	YES	NO						
L0000027	0	0.67256E-04	370830.4	3808991.1	514.0	5.00	4.65	
4.65	YES	NO						
L0000028	0	0.67256E-04	370830.1	3809001.1	513.7	5.00	4.65	
4.65	YES	NO						
L0000029	0	0.67256E-04	370829.8	3809011.1	513.3	5.00	4.65	
4.65	YES	NO						
L0000030	0	0.67256E-04	370829.4	3809021.1	513.0	5.00	4.65	
4.65	YES	NO						

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 L0000031         0   0.67256E-04  370829.1 3809031.1   512.6     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.67256E-04  370828.7 3809041.1   512.2     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.67256E-04  370828.4 3809051.1   511.9     5.00     4.65
4.65     YES                    NO
 L0000034         0   0.67256E-04  370828.1 3809061.1   511.6     5.00     4.65
4.65     YES                    NO
 L0000035         0   0.67256E-04  370827.7 3809071.1   511.2     5.00     4.65
4.65     YES                    NO
 L0000036         0   0.67256E-04  370827.4 3809081.1   510.9     5.00     4.65
4.65     YES                    NO
 L0000037         0   0.67256E-04  370827.1 3809091.0   510.5     5.00     4.65
4.65     YES                    NO
 L0000038         0   0.67256E-04  370826.7 3809101.0   510.1     5.00     4.65
4.65     YES                    NO
 L0000039         0   0.67256E-04  370826.4 3809111.0   509.8     5.00     4.65
4.65     YES                    NO
 L0000040         0   0.67256E-04  370826.0 3809121.0   509.4     5.00     4.65
4.65     YES                    NO
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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- - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.67256E-04  370825.7 3809131.0   509.1     5.00     4.65
4.65     YES                    NO
 L0000042         0   0.67256E-04  370825.4 3809141.0   508.7     5.00     4.65
4.65     YES                    NO
 L0000043         0   0.67256E-04  370825.0 3809151.0   508.4     5.00     4.65
4.65     YES                    NO
 L0000044         0   0.67256E-04  370824.7 3809161.0   508.0     5.00     4.65
4.65     YES                    NO
 L0000045         0   0.67256E-04  370824.4 3809171.0   507.7     5.00     4.65
4.65     YES                    NO
```

L0000046	0	0.67256E-04	370824.0	3809181.0	507.3	5.00	4.65	
4.65	YES	NO						
L0000047	0	0.67256E-04	370823.7	3809191.0	507.0	5.00	4.65	
4.65	YES	NO						
L0000048	0	0.67256E-04	370823.3	3809201.0	506.6	5.00	4.65	
4.65	YES	NO						
L0000049	0	0.67256E-04	370823.0	3809211.0	506.3	5.00	4.65	
4.65	YES	NO						
L0000050	0	0.67256E-04	370822.7	3809221.0	505.9	5.00	4.65	
4.65	YES	NO						
L0000051	0	0.67256E-04	370822.3	3809231.0	505.6	5.00	4.65	
4.65	YES	NO						
L0000052	0	0.67256E-04	370822.0	3809241.0	505.2	5.00	4.65	
4.65	YES	NO						
L0000053	0	0.67256E-04	370821.7	3809251.0	504.9	5.00	4.65	
4.65	YES	NO						
L0000054	0	0.67256E-04	370821.3	3809260.9	504.5	5.00	4.65	
4.65	YES	NO						
L0000055	0	0.67256E-04	370824.8	3809267.8	504.6	5.00	4.65	
4.65	YES	NO						
L0000056	0	0.67256E-04	370834.7	3809269.4	505.2	5.00	4.65	
4.65	YES	NO						
L0000057	0	0.67256E-04	370844.6	3809271.1	505.9	5.00	4.65	
4.65	YES	NO						
L0000058	0	0.67256E-04	370854.4	3809272.7	506.6	5.00	4.65	
4.65	YES	NO						
L0000059	0	0.67256E-04	370864.3	3809274.4	507.3	5.00	4.65	
4.65	YES	NO						
L0000060	0	0.67256E-04	370874.2	3809276.0	507.9	5.00	4.65	
4.65	YES	NO						
L0000061	0	0.67256E-04	370882.9	3809279.6	508.2	5.00	4.65	
4.65	YES	NO						
L0000062	0	0.67256E-04	370889.1	3809287.5	507.4	5.00	4.65	
4.65	YES	NO						
L0000063	0	0.67256E-04	370895.3	3809295.3	506.6	5.00	4.65	
4.65	YES	NO						
L0000064	0	0.67256E-04	370901.4	3809303.2	505.8	5.00	4.65	
4.65	YES	NO						
L0000065	0	0.67256E-04	370907.6	3809311.0	505.1	5.00	4.65	
4.65	YES	NO						
L0000066	0	0.67256E-04	370913.8	3809318.9	504.3	5.00	4.65	
4.65	YES	NO						
L0000067	0	0.67256E-04	370920.0	3809326.7	503.5	5.00	4.65	
4.65	YES	NO						
L0000068	0	0.67256E-04	370926.2	3809334.6	502.7	5.00	4.65	
4.65	YES	NO						
L0000069	0	0.67256E-04	370935.3	3809336.8	502.8	5.00	4.65	
4.65	YES	NO						
L0000070	0	0.67256E-04	370945.3	3809337.4	503.1	5.00	4.65	
4.65	YES	NO						

```
 L0000071         0   0.67256E-04  370955.3 3809338.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000072         0   0.67256E-04  370965.3 3809338.6   503.8     5.00     4.65
4.65     YES                    NO
 L0000073         0   0.67256E-04  370975.3 3809339.2   504.2     5.00     4.65
4.65     YES                    NO
 L0000074         0   0.67256E-04  370985.3 3809339.8   504.5     5.00     4.65
4.65     YES                    NO
 L0000075         0   0.67256E-04  370987.1 3809348.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000076         0   0.67256E-04  370987.5 3809358.4   502.8     5.00     4.65
4.65     YES                    NO
 L0000077         0   0.67256E-04  370987.9 3809368.4   501.9     5.00     4.65
4.65     YES                    NO
 L0000078         0   0.67256E-04  370988.3 3809378.4   501.0     5.00     4.65
4.65     YES                    NO
 L0000079         0   0.67256E-04  370992.2 3809384.7   500.4     5.00     4.65
4.65     YES                    NO
 L0000080         0   0.67256E-04  371002.2 3809384.6   500.5     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000081         0   0.67256E-04  371012.2 3809384.5   500.6     5.00     4.65
4.65     YES                    NO
 L0000082         0   0.67256E-04  371022.2 3809384.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000083         0   0.67256E-04  371032.2 3809384.3   500.8     5.00     4.65
4.65     YES                    NO
 L0000084         0   0.67256E-04  371042.2 3809384.2   500.8     5.00     4.65
4.65     YES                    NO
 L0000085         0   0.67256E-04  371052.2 3809384.1   500.9     5.00     4.65
4.65     YES                    NO
```

L0000086	0	0.67256E-04	371062.2	3809384.0	501.0	5.00	4.65	
4.65	YES	NO						
L0000087	0	0.67256E-04	371072.2	3809383.9	501.1	5.00	4.65	
4.65	YES	NO						
L0000088	0	0.67256E-04	371082.2	3809383.8	501.2	5.00	4.65	
4.65	YES	NO						
L0000089	0	0.67256E-04	371092.2	3809383.7	501.2	5.00	4.65	
4.65	YES	NO						
L0000090	0	0.67256E-04	371102.2	3809383.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000091	0	0.67256E-04	371112.2	3809383.5	501.4	5.00	4.65	
4.65	YES	NO						
L0000092	0	0.67256E-04	371122.2	3809383.4	501.5	5.00	4.65	
4.65	YES	NO						
L0000093	0	0.67256E-04	371132.2	3809383.3	501.6	5.00	4.65	
4.65	YES	NO						
L0000094	0	0.67256E-04	371142.2	3809383.2	501.6	5.00	4.65	
4.65	YES	NO						
L0000095	0	0.67256E-04	371152.2	3809383.1	501.7	5.00	4.65	
4.65	YES	NO						
L0000096	0	0.67256E-04	371162.2	3809382.9	501.8	5.00	4.65	
4.65	YES	NO						
L0000097	0	0.67256E-04	371162.6	3809392.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000098	0	0.67256E-04	371162.7	3809402.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000099	0	0.67256E-04	371162.8	3809412.6	501.6	5.00	4.65	
4.65	YES	NO						
L0000100	0	0.67256E-04	371162.8	3809422.6	501.5	5.00	4.65	
4.65	YES	NO						
L0000101	0	0.67256E-04	371162.9	3809432.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000102	0	0.67256E-04	371163.0	3809442.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000103	0	0.67256E-04	371163.1	3809452.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000104	0	0.67256E-04	371163.2	3809462.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000105	0	0.67256E-04	371163.3	3809472.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000106	0	0.67256E-04	371163.4	3809482.6	501.1	5.00	4.65	
4.65	YES	NO						
L0000107	0	0.67256E-04	371163.4	3809492.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000108	0	0.67256E-04	371163.5	3809502.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000109	0	0.67256E-04	371163.6	3809512.6	500.9	5.00	4.65	
4.65	YES	NO						
L0000110	0	0.67256E-04	371163.7	3809522.6	500.8	5.00	4.65	
4.65	YES	NO						

 L0000111   0   0.67256E-04 371163.8 3809532.6   500.8   5.00   4.65
4.65   YES   NO
 L0000112   0   0.67256E-04 371163.9 3809542.6   500.7   5.00   4.65
4.65   YES   NO
 L0000113   0   0.67256E-04 371163.9 3809552.6   500.6   5.00   4.65
4.65   YES   NO
 L0000114   0   0.67256E-04 371164.0 3809562.6   500.6   5.00   4.65
4.65   YES   NO
 L0000115   0   0.67256E-04 371164.1 3809572.6   500.5   5.00   4.65
4.65   YES   NO
 L0000116   0   0.67256E-04 371164.2 3809582.6   500.4   5.00   4.65
4.65   YES   NO
 L0000117   0   0.67256E-04 371164.3 3809592.6   500.4   5.00   4.65
4.65   YES   NO
 L0000118   0   0.67256E-04 371164.4 3809602.6   500.3   5.00   4.65
4.65   YES   NO
 L0000119   0   0.67256E-04 371164.5 3809612.6   500.2   5.00   4.65
4.65   YES   NO
 L0000120   0   0.67256E-04 371164.5 3809622.6   500.2   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000121   0   0.67256E-04 371164.6 3809632.6   500.1   5.00   4.65
4.65   YES   NO
 L0000122   0   0.67256E-04 371164.7 3809642.6   500.0   5.00   4.65
4.65   YES   NO
 L0000123   0   0.67256E-04 371164.8 3809652.6   499.9   5.00   4.65
4.65   YES   NO
 L0000124   0   0.67256E-04 371164.9 3809662.6   499.9   5.00   4.65
4.65   YES   NO
 L0000125   0   0.67256E-04 371165.0 3809672.6   499.8   5.00   4.65
4.65   YES   NO

L0000126	0	0.67256E-04	371165.0	3809682.6	499.7	5.00	4.65	
4.65	YES	NO						
L0000127	0	0.67256E-04	371165.1	3809692.6	499.7	5.00	4.65	
4.65	YES	NO						
L0000128	0	0.67256E-04	371165.2	3809702.6	499.6	5.00	4.65	
4.65	YES	NO						
L0000129	0	0.67256E-04	371165.3	3809712.6	499.5	5.00	4.65	
4.65	YES	NO						
L0000130	0	0.67256E-04	371165.4	3809722.6	499.5	5.00	4.65	
4.65	YES	NO						
L0000131	0	0.67256E-04	371165.5	3809732.6	499.4	5.00	4.65	
4.65	YES	NO						
L0000132	0	0.67256E-04	371165.6	3809742.6	499.3	5.00	4.65	
4.65	YES	NO						
L0000133	0	0.67256E-04	371165.6	3809752.6	499.3	5.00	4.65	
4.65	YES	NO						
L0000134	0	0.67256E-04	371165.7	3809762.6	499.2	5.00	4.65	
4.65	YES	NO						
L0000135	0	0.67256E-04	371165.8	3809772.6	499.1	5.00	4.65	
4.65	YES	NO						
L0000136	0	0.67256E-04	371165.9	3809782.6	499.1	5.00	4.65	
4.65	YES	NO						
L0000137	0	0.67256E-04	371166.0	3809792.6	499.0	5.00	4.65	
4.65	YES	NO						
L0000138	0	0.67256E-04	371166.1	3809802.6	498.9	5.00	4.65	
4.65	YES	NO						
L0000139	0	0.67256E-04	371166.2	3809812.6	498.9	5.00	4.65	
4.65	YES	NO						
L0000140	0	0.67256E-04	371166.2	3809822.6	498.8	5.00	4.65	
4.65	YES	NO						
L0000141	0	0.67256E-04	371166.3	3809832.6	498.7	5.00	4.65	
4.65	YES	NO						
L0000142	0	0.67256E-04	371166.4	3809842.6	498.7	5.00	4.65	
4.65	YES	NO						
L0000143	0	0.67256E-04	371166.5	3809852.6	498.6	5.00	4.65	
4.65	YES	NO						
L0000144	0	0.67256E-04	371166.6	3809862.6	498.5	5.00	4.65	
4.65	YES	NO						
L0000145	0	0.67256E-04	371166.7	3809872.6	498.4	5.00	4.65	
4.65	YES	NO						
L0000146	0	0.67256E-04	371166.7	3809882.6	498.4	5.00	4.65	
4.65	YES	NO						
L0000147	0	0.67256E-04	371166.8	3809892.6	498.3	5.00	4.65	
4.65	YES	NO						
L0000148	0	0.67256E-04	371166.9	3809902.6	498.2	5.00	4.65	
4.65	YES	NO						
L0000149	0	0.67256E-04	371167.0	3809912.6	498.2	5.00	4.65	
4.65	YES	NO						
L0000150	0	0.67256E-04	371167.1	3809922.6	498.1	5.00	4.65	
4.65	YES	NO						

 L0000151   0   0.67256E-04 371167.2 3809932.6   498.0   5.00   4.65
4.65   YES   NO
 L0000152   0   0.67256E-04 371167.3 3809942.6   498.0   5.00   4.65
4.65   YES   NO
 L0000153   0   0.67256E-04 371167.3 3809952.6   497.9   5.00   4.65
4.65   YES   NO
 L0000154   0   0.67256E-04 371167.4 3809962.6   497.8   5.00   4.65
4.65   YES   NO
 L0000155   0   0.67256E-04 371167.5 3809972.6   497.8   5.00   4.65
4.65   YES   NO
 L0000156   0   0.67256E-04 371167.6 3809982.6   497.7   5.00   4.65
4.65   YES   NO
 L0000157   0   0.67256E-04 371167.7 3809992.6   497.6   5.00   4.65
4.65   YES   NO
 L0000158   0   0.67256E-04 371167.8 3810002.6   497.6   5.00   4.65
4.65   YES   NO
 L0000159   0   0.67256E-04 371167.8 3810012.6   497.5   5.00   4.65
4.65   YES   NO
 L0000160   0   0.67256E-04 371163.2 3810017.1   497.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000161   0   0.67256E-04 371153.4 3810015.5   497.3   5.00   4.65
4.65   YES   NO
 L0000162   0   0.67256E-04 371143.5 3810013.9   497.2   5.00   4.65
4.65   YES   NO
 L0000163   0   0.67256E-04 371133.6 3810012.3   497.1   5.00   4.65
4.65   YES   NO
 L0000164   0   0.67256E-04 371123.8 3810010.7   497.0   5.00   4.65
4.65   YES   NO
 L0000165   0   0.67256E-04 371113.9 3810009.1   496.9   5.00   4.65
4.65   YES   NO

L0000166	0	0.67256E-04	371104.0	3810007.5	496.8	5.00	4.65	
4.65	YES	NO						
L0000167	0	0.67256E-04	371094.1	3810005.9	496.8	5.00	4.65	
4.65	YES	NO						
L0000168	0	0.67256E-04	371084.3	3810004.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000169	0	0.67256E-04	371074.4	3810002.7	496.6	5.00	4.65	
4.65	YES	NO						
L0000170	0	0.67256E-04	371064.5	3810001.1	496.5	5.00	4.65	
4.65	YES	NO						
L0000171	0	0.67256E-04	371054.7	3809999.5	496.4	5.00	4.65	
4.65	YES	NO						
L0000172	0	0.67256E-04	371044.8	3809997.9	496.3	5.00	4.65	
4.65	YES	NO						
L0000173	0	0.67256E-04	371034.9	3809996.3	496.2	5.00	4.65	
4.65	YES	NO						
L0000174	0	0.67256E-04	371025.0	3809994.7	496.1	5.00	4.65	
4.65	YES	NO						
L0000175	0	0.67256E-04	371015.2	3809993.1	496.0	5.00	4.65	
4.65	YES	NO						
L0000176	0	0.67256E-04	371005.3	3809991.5	495.9	5.00	4.65	
4.65	YES	NO						
L0000177	0	0.67256E-04	370995.4	3809989.9	495.8	5.00	4.65	
4.65	YES	NO						
L0000178	0	0.67256E-04	370985.6	3809988.2	495.7	5.00	4.65	
4.65	YES	NO						
L0000179	0	0.67256E-04	370975.7	3809986.6	495.6	5.00	4.65	
4.65	YES	NO						
L0000180	0	0.67256E-04	370965.8	3809985.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000181	0	0.67256E-04	370956.0	3809983.4	495.4	5.00	4.65	
4.65	YES	NO						
L0000182	0	0.67256E-04	370946.1	3809981.8	495.4	5.00	4.65	
4.65	YES	NO						
L0000183	0	0.67256E-04	370936.2	3809980.2	495.2	5.00	4.65	
4.65	YES	NO						
L0000184	0	0.67256E-04	370926.3	3809978.6	495.2	5.00	4.65	
4.65	YES	NO						
L0000185	0	0.67256E-04	370916.5	3809977.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000186	0	0.67256E-04	370906.6	3809975.4	495.0	5.00	4.65	
4.65	YES	NO						
L0000187	0	0.67256E-04	370896.7	3809973.8	494.9	5.00	4.65	
4.65	YES	NO						
L0000188	0	0.67256E-04	370886.9	3809972.2	494.8	5.00	4.65	
4.65	YES	NO						
L0000189	0	0.67256E-04	370877.0	3809970.6	494.7	5.00	4.65	
4.65	YES	NO						
L0000190	0	0.67256E-04	370867.1	3809969.0	494.6	5.00	4.65	
4.65	YES	NO						

 L0000191   0   0.67256E-04 370857.2 3809967.4   494.5   5.00   4.65
4.65   YES   NO
 L0000192   0   0.67256E-04 370847.4 3809965.8   494.4   5.00   4.65
4.65   YES   NO
 L0000193   0   0.67256E-04 370837.5 3809964.2   494.3   5.00   4.65
4.65   YES   NO
 L0000194   0   0.67256E-04 370827.6 3809962.6   494.2   5.00   4.65
4.65   YES   NO
 L0000195   0   0.67256E-04 370817.8 3809961.0   494.1   5.00   4.65
4.65   YES   NO
 L0000196   0   0.67256E-04 370807.9 3809959.4   494.0   5.00   4.65
4.65   YES   NO
 L0000197   0   0.67256E-04 370798.0 3809957.8   493.9   5.00   4.65
4.65   YES   NO
 L0000198   0   0.67256E-04 370788.2 3809956.2   493.9   5.00   4.65
4.65   YES   NO
 L0000199   0   0.67256E-04 370778.3 3809954.6   493.8   5.00   4.65
4.65   YES   NO
 L0000200   0   0.67256E-04 370768.4 3809953.0   493.7   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000201   0   0.67256E-04 370758.5 3809951.4   493.6   5.00   4.65
4.65   YES   NO
 L0000202   0   0.67256E-04 370748.7 3809949.8   493.5   5.00   4.65
4.65   YES   NO
 L0000203   0   0.67256E-04 370741.9 3809956.9   492.8   5.00   4.65
4.65   YES   NO
 L0000204   0   0.67256E-04 370735.3 3809964.4   492.0   5.00   4.65
4.65   YES   NO
 L0000205   0   0.67256E-04 370728.8 3809971.9   491.3   5.00   4.65
4.65   YES   NO

L0000206	0	0.67256E-04	370722.2	3809979.5	490.5	5.00	4.65	
4.65	YES		NO					
L0000207	0	0.67256E-04	370715.6	3809987.0	489.8	5.00	4.65	
4.65	YES		NO					
L0000208	0	0.67256E-04	370709.0	3809994.5	489.0	5.00	4.65	
4.65	YES		NO					
L0000209	0	0.67256E-04	370702.4	3810002.0	488.3	5.00	4.65	
4.65	YES		NO					
L0000210	0	0.67256E-04	370695.8	3810009.6	487.5	5.00	4.65	
4.65	YES		NO					
L0000211	0	0.67256E-04	370689.2	3810017.1	486.8	5.00	4.65	
4.65	YES		NO					
L0000212	0	0.67256E-04	370682.2	3810024.1	486.1	5.00	4.65	
4.65	YES		NO					
L0000213	0	0.67256E-04	370674.5	3810030.5	485.6	5.00	4.65	
4.65	YES		NO					
L0000214	0	0.67256E-04	370666.8	3810036.9	485.0	5.00	4.65	
4.65	YES		NO					
L0000215	0	0.67256E-04	370659.2	3810043.3	484.5	5.00	4.65	
4.65	YES		NO					
L0000216	0	0.67256E-04	370651.5	3810049.7	484.0	5.00	4.65	
4.65	YES		NO					
L0000217	0	0.67256E-04	370643.8	3810056.1	483.4	5.00	4.65	
4.65	YES		NO					
L0000218	0	0.67256E-04	370636.1	3810062.5	482.9	5.00	4.65	
4.65	YES		NO					
L0000219	0	0.67256E-04	370627.5	3810066.3	482.6	5.00	4.65	
4.65	YES		NO					
L0000220	0	0.67256E-04	370617.5	3810066.3	482.7	5.00	4.65	
4.65	YES		NO					
L0000221	0	0.67256E-04	370607.5	3810066.3	482.8	5.00	4.65	
4.65	YES		NO					
L0000222	0	0.67256E-04	370597.5	3810066.3	482.9	5.00	4.65	
4.65	YES		NO					
L0000223	0	0.67256E-04	370587.5	3810066.3	483.0	5.00	4.65	
4.65	YES		NO					
L0000224	0	0.67256E-04	370577.5	3810066.3	483.1	5.00	4.65	
4.65	YES		NO					
L0000225	0	0.67256E-04	370567.5	3810066.3	483.1	5.00	4.65	
4.65	YES		NO					
L0000226	0	0.67256E-04	370557.5	3810066.3	483.2	5.00	4.65	
4.65	YES		NO					
L0000227	0	0.67256E-04	370547.5	3810066.3	483.3	5.00	4.65	
4.65	YES		NO					
L0000228	0	0.67256E-04	370537.5	3810066.3	483.4	5.00	4.65	
4.65	YES		NO					
L0000229	0	0.67256E-04	370527.5	3810066.3	483.4	5.00	4.65	
4.65	YES		NO					
L0000230	0	0.67256E-04	370517.5	3810067.0	483.5	5.00	4.65	
4.65	YES		NO					

 L0000231   0   0.67256E-04 370507.6 3810068.2   483.6   5.00   4.65
4.65   YES   NO
 L0000232   0   0.67256E-04 370497.6 3810069.3   483.7   5.00   4.65
4.65   YES   NO
 L0000233   0   0.67256E-04 370487.7 3810070.5   483.8   5.00   4.65
4.65   YES   NO
 L0000234   0   0.67256E-04 370477.8 3810071.6   483.9   5.00   4.65
4.65   YES   NO
 L0000235   0   0.67256E-04 370467.8 3810072.8   484.0   5.00   4.65
4.65   YES   NO
 L0000236   0   0.67256E-04 370457.9 3810073.9   484.1   5.00   4.65
4.65   YES   NO
 L0000237   0   0.67256E-04 370448.0 3810075.1   484.2   5.00   4.65
4.65   YES   NO
 L0000238   0   0.67256E-04 370438.0 3810076.2   484.3   5.00   4.65
4.65   YES   NO
 L0000239   0   0.67256E-04 370428.1 3810077.4   484.4   5.00   4.65
4.65   YES   NO
 L0000240   0   0.67256E-04 370418.2 3810078.5   484.5   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000241   0   0.67256E-04 370408.2 3810079.7   484.6   5.00   4.65
4.65   YES   NO
 L0000242   0   0.67256E-04 370398.3 3810080.8   484.7   5.00   4.65
4.65   YES   NO
 L0000243   0   0.67256E-04 370388.4 3810082.0   484.8   5.00   4.65
4.65   YES   NO
 L0000244   0   0.67256E-04 370378.4 3810083.1   484.9   5.00   4.65
4.65   YES   NO
 L0000245   0   0.67256E-04 370368.5 3810084.3   485.0   5.00   4.65
4.65   YES   NO

L0000246	0	0.67256E-04	370358.6	3810085.4	485.1	5.00	4.65	
4.65	YES	NO						
L0000247	0	0.67256E-04	370348.6	3810086.6	485.2	5.00	4.65	
4.65	YES	NO						
L0000248	0	0.67256E-04	370338.7	3810087.7	485.3	5.00	4.65	
4.65	YES	NO						
L0000249	0	0.67256E-04	370328.8	3810088.9	485.4	5.00	4.65	
4.65	YES	NO						
L0000250	0	0.67256E-04	370318.8	3810090.0	485.5	5.00	4.65	
4.65	YES	NO						
L0000251	0	0.67256E-04	370308.9	3810091.2	485.6	5.00	4.65	
4.65	YES	NO						
L0000252	0	0.67256E-04	370299.0	3810092.3	485.7	5.00	4.65	
4.65	YES	NO						
L0000253	0	0.67256E-04	370289.0	3810093.5	485.8	5.00	4.65	
4.65	YES	NO						
L0000254	0	0.67256E-04	370279.1	3810094.6	485.9	5.00	4.65	
4.65	YES	NO						
L0000255	0	0.67256E-04	370269.2	3810095.8	486.0	5.00	4.65	
4.65	YES	NO						
L0000256	0	0.67256E-04	370259.3	3810097.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000257	0	0.67256E-04	370249.7	3810100.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000258	0	0.67256E-04	370240.2	3810103.0	486.2	5.00	4.65	
4.65	YES	NO						
L0000259	0	0.67256E-04	370230.6	3810106.0	486.3	5.00	4.65	
4.65	YES	NO						
L0000260	0	0.67256E-04	370221.0	3810108.9	486.3	5.00	4.65	
4.65	YES	NO						
L0000261	0	0.67256E-04	370211.5	3810111.9	486.4	5.00	4.65	
4.65	YES	NO						
L0000262	0	0.67256E-04	370201.9	3810114.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000263	0	0.67256E-04	370192.4	3810117.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000264	0	0.67256E-04	370182.8	3810120.7	486.6	5.00	4.65	
4.65	YES	NO						
L0000265	0	0.67256E-04	370173.3	3810123.7	486.7	5.00	4.65	
4.65	YES	NO						
L0000266	0	0.67256E-04	370163.7	3810126.6	486.8	5.00	4.65	
4.65	YES	NO						
L0000267	0	0.67256E-04	370154.2	3810129.5	486.8	5.00	4.65	
4.65	YES	NO						
L0000268	0	0.67256E-04	370144.6	3810132.5	486.9	5.00	4.65	
4.65	YES	NO						
L0000269	0	0.67256E-04	370135.1	3810135.4	486.9	5.00	4.65	
4.65	YES	NO						
L0000270	0	0.67256E-04	370125.5	3810138.4	487.0	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000271	0	0.67256E-04	370115.9	3810141.3	487.1	5.00	4.65	4.65	YES	NO	
L0000272	0	0.67256E-04	370106.1	3810143.3	486.7	5.00	4.65	4.65	YES	NO	
L0000273	0	0.67256E-04	370096.3	3810145.1	486.3	5.00	4.65	4.65	YES	NO	
L0000274	0	0.67256E-04	370086.5	3810147.0	485.8	5.00	4.65	4.65	YES	NO	
L0000275	0	0.67256E-04	370076.7	3810148.8	485.4	5.00	4.65	4.65	YES	NO	
L0000276	0	0.67256E-04	370066.8	3810150.7	484.9	5.00	4.65	4.65	YES	NO	
L0000277	0	0.67256E-04	370057.0	3810152.5	484.5	5.00	4.65	4.65	YES	NO	
L0000278	0	0.67256E-04	370047.2	3810154.3	484.1	5.00	4.65	4.65	YES	NO	
L0000279	0	0.67256E-04	370037.3	3810156.2	483.7	5.00	4.65	4.65	YES	NO	
L0000280	0	0.67256E-04	370027.6	3810157.2	483.2	5.00	4.65	4.65	YES	NO	
L0000281	0	0.67256E-04	370018.4	3810153.3	482.8	5.00	4.65	4.65	YES	NO	
L0000282	0	0.67256E-04	370009.1	3810149.5	482.4	5.00	4.65	4.65	YES	NO	
L0000283	0	0.67256E-04	369999.9	3810145.7	482.1	5.00	4.65	4.65	YES	NO	
L0000284	0	0.67256E-04	369990.7	3810141.8	481.7	5.00	4.65	4.65	YES	NO	
L0000285	0	0.67256E-04	369981.4	3810138.0	481.3	5.00	4.65	4.65	YES	NO	

L0000286	0	0.67256E-04	369972.2	3810134.2	480.9	5.00	4.65	
4.65	YES	NO						
L0000287	0	0.67256E-04	369962.9	3810130.3	480.5	5.00	4.65	
4.65	YES	NO						
L0000288	0	0.67256E-04	369953.7	3810126.5	480.1	5.00	4.65	
4.65	YES	NO						
L0000289	0	0.67256E-04	369944.5	3810122.7	479.7	5.00	4.65	
4.65	YES	NO						
L0000290	0	0.67256E-04	369935.2	3810118.8	479.4	5.00	4.65	
4.65	YES	NO						
L0000291	0	0.67256E-04	369926.0	3810115.0	479.0	5.00	4.65	
4.65	YES	NO						
L0000292	0	0.67256E-04	369916.8	3810111.2	478.6	5.00	4.65	
4.65	YES	NO						
L0000293	0	0.67256E-04	369907.5	3810107.4	478.2	5.00	4.65	
4.65	YES	NO						
L0000294	0	0.67256E-04	369898.3	3810103.5	477.8	5.00	4.65	
4.65	YES	NO						
L0000295	0	0.67256E-04	369889.0	3810099.7	477.4	5.00	4.65	
4.65	YES	NO						
L0000296	0	0.67256E-04	369879.8	3810095.9	477.0	5.00	4.65	
4.65	YES	NO						
L0000297	0	0.67256E-04	369870.6	3810092.0	476.7	5.00	4.65	
4.65	YES	NO						
L0000298	0	0.67256E-04	369861.3	3810088.2	476.3	5.00	4.65	
4.65	YES	NO						
L0000299	0	0.67256E-04	369865.6	3810080.5	476.3	5.00	4.65	
4.65	YES	NO						
L0000300	0	0.67256E-04	369872.7	3810076.5	476.4	5.00	4.65	
4.65	YES	NO						
L0000301	0	0.67256E-04	369882.0	3810080.1	476.6	5.00	4.65	
4.65	YES	NO						
L0000302	0	0.67256E-04	369891.4	3810083.7	476.8	5.00	4.65	
4.65	YES	NO						
L0000303	0	0.67256E-04	369900.7	3810087.3	477.0	5.00	4.65	
4.65	YES	NO						
L0000304	0	0.67256E-04	369910.1	3810090.8	477.2	5.00	4.65	
4.65	YES	NO						
L0000305	0	0.67256E-04	369919.4	3810094.4	477.4	5.00	4.65	
4.65	YES	NO						
L0000306	0	0.67256E-04	369928.7	3810098.0	477.6	5.00	4.65	
4.65	YES	NO						
L0000307	0	0.67256E-04	369938.1	3810101.6	477.9	5.00	4.65	
4.65	YES	NO						
L0000308	0	0.67256E-04	369947.4	3810105.1	478.1	5.00	4.65	
4.65	YES	NO						
L0000309	0	0.67256E-04	369956.7	3810108.7	478.3	5.00	4.65	
4.65	YES	NO						
L0000310	0	0.67256E-04	369966.1	3810112.3	478.5	5.00	4.65	
4.65	YES	NO						

 L0000311   0   0.67256E-04 369975.4 3810115.9   478.7   5.00   4.65
4.65   YES   NO
 L0000312   0   0.67256E-04 369984.8 3810119.4   478.9   5.00   4.65
4.65   YES   NO
 L0000313   0   0.67256E-04 369994.1 3810123.0   479.1   5.00   4.65
4.65   YES   NO
 L0000314   0   0.67256E-04 370003.4 3810126.6   479.3   5.00   4.65
4.65   YES   NO
 L0000315   0   0.67256E-04 370012.8 3810130.2   479.5   5.00   4.65
4.65   YES   NO
 L0000316   0   0.67256E-04 370022.1 3810133.7   479.7   5.00   4.65
4.65   YES   NO
 L0000317   0   0.67256E-04 370031.5 3810137.3   479.9   5.00   4.65
4.65   YES   NO
 L0000318   0   0.67256E-04 370040.9 3810139.0   480.4   5.00   4.65
4.65   YES   NO
 L0000319   0   0.67256E-04 370050.6 3810136.5   481.4   5.00   4.65
4.65   YES   NO
 L0000320   0   0.67256E-04 370060.2 3810134.0   482.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000321   0   0.67256E-04 370069.9 3810131.4   483.4   5.00   4.65
4.65   YES   NO
 L0000322   0   0.67256E-04 370079.6 3810128.9   484.4   5.00   4.65
4.65   YES   NO
 L0000323   0   0.67256E-04 370089.3 3810126.4   485.4   5.00   4.65
4.65   YES   NO
 L0000324   0   0.67256E-04 370098.9 3810123.8   486.4   5.00   4.65
4.65   YES   NO
 L0000325   0   0.67256E-04 370108.6 3810121.3   487.4   5.00   4.65
4.65   YES   NO

L0000326	0	0.67256E-04	370118.3	3810118.8	488.4	5.00	4.65	
4.65	YES	NO						
L0000327	0	0.67256E-04	370128.0	3810116.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000328	0	0.67256E-04	370137.6	3810113.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000329	0	0.67256E-04	370147.3	3810111.2	491.4	5.00	4.65	
4.65	YES	NO						
L0000330	0	0.67256E-04	370157.0	3810108.6	492.5	5.00	4.65	
4.65	YES	NO						
L0000331	0	0.67256E-04	370166.6	3810106.1	493.5	5.00	4.65	
4.65	YES	NO						
L0000332	0	0.67256E-04	370176.3	3810103.5	494.5	5.00	4.65	
4.65	YES	NO						
L0000333	0	0.67256E-04	370186.0	3810101.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000334	0	0.67256E-04	370195.7	3810098.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000335	0	0.67256E-04	370205.3	3810095.9	497.5	5.00	4.65	
4.65	YES	NO						
L0000336	0	0.67256E-04	370215.0	3810093.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000337	0	0.67256E-04	370224.7	3810090.8	498.9	5.00	4.65	
4.65	YES	NO						
L0000338	0	0.67256E-04	370234.3	3810088.1	496.6	5.00	4.65	
4.65	YES	NO						
L0000339	0	0.67256E-04	370243.9	3810085.3	494.4	5.00	4.65	
4.65	YES	NO						
L0000340	0	0.67256E-04	370253.5	3810082.6	492.2	5.00	4.65	
4.65	YES	NO						
L0000341	0	0.67256E-04	370263.1	3810079.8	489.9	5.00	4.65	
4.65	YES	NO						
L0000342	0	0.67256E-04	370272.8	3810077.1	487.7	5.00	4.65	
4.65	YES	NO						
L0000343	0	0.67256E-04	370282.4	3810074.3	485.4	5.00	4.65	
4.65	YES	NO						
L0000344	0	0.67256E-04	370292.0	3810071.6	483.2	5.00	4.65	
4.65	YES	NO						
L0000345	0	0.67256E-04	370301.7	3810069.4	481.8	5.00	4.65	
4.65	YES	NO						
L0000346	0	0.67256E-04	370311.6	3810068.0	481.9	5.00	4.65	
4.65	YES	NO						
L0000347	0	0.67256E-04	370321.5	3810066.6	482.0	5.00	4.65	
4.65	YES	NO						
L0000348	0	0.67256E-04	370331.4	3810065.2	482.1	5.00	4.65	
4.65	YES	NO						
L0000349	0	0.67256E-04	370341.3	3810063.8	482.2	5.00	4.65	
4.65	YES	NO						
L0000350	0	0.67256E-04	370351.2	3810062.4	482.2	5.00	4.65	
4.65	YES	NO						

 L0000351   0   0.67256E-04 370361.1 3810061.0   482.3   5.00   4.65
4.65   YES   NO
 L0000352   0   0.67256E-04 370371.0 3810059.6   482.4   5.00   4.65
4.65   YES   NO
 L0000353   0   0.67256E-04 370380.9 3810058.2   482.5   5.00   4.65
4.65   YES   NO
 L0000354   0   0.67256E-04 370390.8 3810056.8   482.6   5.00   4.65
4.65   YES   NO
 L0000355   0   0.67256E-04 370400.7 3810055.4   482.6   5.00   4.65
4.65   YES   NO
 L0000356   0   0.67256E-04 370410.6 3810054.0   482.7   5.00   4.65
4.65   YES   NO
 L0000357   0   0.67256E-04 370420.5 3810052.6   482.8   5.00   4.65
4.65   YES   NO
 L0000358   0   0.67256E-04 370430.5 3810051.7   482.9   5.00   4.65
4.65   YES   NO
 L0000359   0   0.67256E-04 370440.5 3810051.4   483.0   5.00   4.65
4.65   YES   NO
 L0000360   0   0.67256E-04 370450.5 3810051.0   483.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000361   0   0.67256E-04 370460.5 3810050.6   483.2   5.00   4.65
4.65   YES   NO
 L0000362   0   0.67256E-04 370470.4 3810050.2   483.2   5.00   4.65
4.65   YES   NO
 L0000363   0   0.67256E-04 370480.4 3810049.8   483.3   5.00   4.65
4.65   YES   NO
 L0000364   0   0.67256E-04 370490.4 3810049.4   483.4   5.00   4.65
4.65   YES   NO
 L0000365   0   0.67256E-04 370500.4 3810049.0   483.5   5.00   4.65
4.65   YES   NO

L0000366	0	0.67256E-04	370510.4	3810048.7	483.6	5.00	4.65	
4.65	YES	NO						
L0000367	0	0.67256E-04	370520.4	3810048.3	483.7	5.00	4.65	
4.65	YES	NO						
L0000368	0	0.67256E-04	370530.4	3810047.9	483.8	5.00	4.65	
4.65	YES	NO						
L0000369	0	0.67256E-04	370540.4	3810047.5	483.9	5.00	4.65	
4.65	YES	NO						
L0000370	0	0.67256E-04	370550.4	3810047.1	484.0	5.00	4.65	
4.65	YES	NO						
L0000371	0	0.67256E-04	370560.4	3810046.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000372	0	0.67256E-04	370564.7	3810041.5	484.3	5.00	4.65	
4.65	YES	NO						
L0000373	0	0.67256E-04	370563.6	3810031.5	484.5	5.00	4.65	
4.65	YES	NO						
L0000374	0	0.67256E-04	370562.5	3810021.6	484.8	5.00	4.65	
4.65	YES	NO						
L0000375	0	0.67256E-04	370561.4	3810011.7	485.1	5.00	4.65	
4.65	YES	NO						
L0000376	0	0.67256E-04	370560.3	3810001.7	485.4	5.00	4.65	
4.65	YES	NO						
L0000377	0	0.67256E-04	370566.2	3809997.3	486.1	5.00	4.65	
4.65	YES	NO						
L0000378	0	0.67256E-04	370576.1	3809996.0	487.2	5.00	4.65	
4.65	YES	NO						
L0000379	0	0.67256E-04	370586.0	3809994.6	488.2	5.00	4.65	
4.65	YES	NO						
L0000380	0	0.67256E-04	370588.2	3810003.7	487.4	5.00	4.65	
4.65	YES	NO						
L0000381	0	0.67256E-04	370589.8	3810013.5	486.5	5.00	4.65	
4.65	YES	NO						
L0000382	0	0.67256E-04	370591.4	3810023.4	485.6	5.00	4.65	
4.65	YES	NO						
L0000383	0	0.67256E-04	370593.0	3810033.3	484.6	5.00	4.65	
4.65	YES	NO						
L0000384	0	0.67256E-04	370597.8	3810039.0	484.0	5.00	4.65	
4.65	YES	NO						
L0000385	0	0.67256E-04	370607.7	3810037.8	484.0	5.00	4.65	
4.65	YES	NO						
L0000386	0	0.67256E-04	370617.7	3810036.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000387	0	0.67256E-04	370626.1	3810034.4	484.4	5.00	4.65	
4.65	YES	NO						
L0000388	0	0.67256E-04	370624.7	3810024.5	486.7	5.00	4.65	
4.65	YES	NO						
L0000389	0	0.67256E-04	370623.4	3810014.6	489.0	5.00	4.65	
4.65	YES	NO						
L0000390	0	0.67256E-04	370622.0	3810004.7	491.3	5.00	4.65	
4.65	YES	NO						

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 L0000391         0   0.67256E-04  370622.4 3809996.3   493.4     5.00     4.65
4.65     YES                     NO
 L0000392         0   0.67256E-04  370632.4 3809995.9   494.3     5.00     4.65
4.65     YES                     NO
 L0000393         0   0.67256E-04  370642.4 3809995.4   495.2     5.00     4.65
4.65     YES                     NO
 L0000394         0   0.67256E-04  370652.4 3809995.0   496.1     5.00     4.65
4.65     YES                     NO
 L0000395         0   0.67256E-04  370662.4 3809994.6   497.0     5.00     4.65
4.65     YES                     NO
 L0000396         0   0.67256E-04  370671.2 3809990.2   498.2     5.00     4.65
4.65     YES                     NO
 L0000397         0   0.67256E-04  370679.7 3809985.0   499.5     5.00     4.65
4.65     YES                     NO
 L0000398         0   0.67256E-04  370681.8 3809976.2   499.1     5.00     4.65
4.65     YES                     NO
 L0000399         0   0.67256E-04  370681.8 3809966.2   498.1     5.00     4.65
4.65     YES                     NO
 L0000400         0   0.67256E-04  370681.8 3809956.2   497.1     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000401         0   0.67256E-04  370681.8 3809946.2   496.1     5.00     4.65
4.65     YES                     NO
 L0000402         0   0.67256E-04  370681.8 3809936.2   495.1     5.00     4.65
4.65     YES                     NO
 L0000403         0   0.67256E-04  370674.6 3809932.7   494.5     5.00     4.65
4.65     YES                     NO
 L0000404         0   0.67256E-04  370664.7 3809931.4   494.1     5.00     4.65
4.65     YES                     NO
 L0000405         0   0.67256E-04  370654.7 3809930.2   493.6     5.00     4.65
4.65     YES                     NO
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L0000406	0	0.67256E-04	370644.8	3809929.0	493.2	5.00	4.65	
4.65	YES	NO						
L0000407	0	0.67256E-04	370634.9	3809927.8	492.7	5.00	4.65	
4.65	YES	NO						
L0000408	0	0.67256E-04	370625.0	3809926.5	492.2	5.00	4.65	
4.65	YES	NO						
L0000409	0	0.67256E-04	370615.0	3809925.3	491.8	5.00	4.65	
4.65	YES	NO						
L0000410	0	0.67256E-04	370605.1	3809924.1	491.3	5.00	4.65	
4.65	YES	NO						
L0000411	0	0.67256E-04	370595.2	3809922.8	490.8	5.00	4.65	
4.65	YES	NO						
L0000412	0	0.67256E-04	370585.3	3809921.6	490.4	5.00	4.65	
4.65	YES	NO						
L0000413	0	0.67256E-04	370575.3	3809920.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000414	0	0.67256E-04	370565.4	3809919.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000415	0	0.67256E-04	370555.5	3809917.9	489.0	5.00	4.65	
4.65	YES	NO						
L0000416	0	0.67256E-04	370545.6	3809916.7	488.5	5.00	4.65	
4.65	YES	NO						
L0000417	0	0.67256E-04	370535.6	3809915.5	488.1	5.00	4.65	
4.65	YES	NO						
L0000418	0	0.67256E-04	370525.7	3809914.2	487.6	5.00	4.65	
4.65	YES	NO						
L0000419	0	0.67256E-04	370515.8	3809913.0	487.1	5.00	4.65	
4.65	YES	NO						
L0000420	0	0.67256E-04	370507.6	3809910.0	486.8	5.00	4.65	
4.65	YES	NO						
L0000421	0	0.67256E-04	370506.3	3809900.1	487.0	5.00	4.65	
4.65	YES	NO						
L0000422	0	0.67256E-04	370505.1	3809890.2	487.2	5.00	4.65	
4.65	YES	NO						
L0000423	0	0.67256E-04	370503.8	3809880.3	487.4	5.00	4.65	
4.65	YES	NO						
L0000424	0	0.67256E-04	370502.5	3809870.4	487.5	5.00	4.65	
4.65	YES	NO						
L0000425	0	0.67256E-04	370501.2	3809860.4	487.7	5.00	4.65	
4.65	YES	NO						
L0000426	0	0.67256E-04	370495.5	3809853.5	487.8	5.00	4.65	
4.65	YES	NO						
L0000427	0	0.67256E-04	370486.9	3809848.5	487.9	5.00	4.65	
4.65	YES	NO						
L0000428	0	0.67256E-04	370478.2	3809843.5	488.0	5.00	4.65	
4.65	YES	NO						
L0000429	0	0.67256E-04	370469.5	3809838.5	488.0	5.00	4.65	
4.65	YES	NO						
L0000430	0	0.67256E-04	370460.9	3809833.5	488.1	5.00	4.65	
4.65	YES	NO						

 L0000431   0   0.67256E-04 370452.2 3809828.5   488.2   5.00   4.65
4.65   YES   NO
 L0000432   0   0.67256E-04 370443.5 3809823.6   488.2   5.00   4.65
4.65   YES   NO
 L0000433   0   0.67256E-04 370434.8 3809818.6   488.3   5.00   4.65
4.65   YES   NO
 L0000434   0   0.67256E-04 370429.4 3809812.0   488.4   5.00   4.65
4.65   YES   NO
 L0000435   0   0.67256E-04 370430.9 3809802.1   488.8   5.00   4.65
4.65   YES   NO
 L0000436   0   0.67256E-04 370432.5 3809792.2   489.1   5.00   4.65
4.65   YES   NO
 L0000437   0   0.67256E-04 370434.0 3809782.4   489.5   5.00   4.65
4.65   YES   NO
 L0000438   0   0.67256E-04 370435.5 3809772.5   489.8   5.00   4.65
4.65   YES   NO
 L0000439   0   0.67256E-04 370437.0 3809762.6   490.2   5.00   4.65
4.65   YES   NO
 L0000440   0   0.67256E-04 370438.5 3809752.7   490.5   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000441   0   0.67256E-04 370440.0 3809742.8   490.9   5.00   4.65
4.65   YES   NO
 L0000442   0   0.67256E-04 370441.5 3809732.9   491.2   5.00   4.65
4.65   YES   NO
 L0000443   0   0.67256E-04 370443.0 3809723.0   491.5   5.00   4.65
4.65   YES   NO
 L0000444   0   0.67256E-04 370444.5 3809713.2   491.9   5.00   4.65
4.65   YES   NO
 L0000445   0   0.67256E-04 370446.0 3809703.3   492.2   5.00   4.65
4.65   YES   NO

L0000446	0	0.67256E-04	370447.5	3809693.4	492.6	5.00	4.65	
4.65	YES	NO						
L0000447	0	0.67256E-04	370449.0	3809683.5	492.9	5.00	4.65	
4.65	YES	NO						
L0000448	0	0.67256E-04	370450.5	3809673.6	493.2	5.00	4.65	
4.65	YES	NO						
L0000449	0	0.67256E-04	370452.0	3809663.7	493.6	5.00	4.65	
4.65	YES	NO						
L0000450	0	0.67256E-04	370453.5	3809653.8	493.9	5.00	4.65	
4.65	YES	NO						
L0000451	0	0.67256E-04	370455.0	3809644.0	494.3	5.00	4.65	
4.65	YES	NO						
L0000452	0	0.67256E-04	370456.6	3809634.1	494.6	5.00	4.65	
4.65	YES	NO						
L0000453	0	0.67256E-04	370459.9	3809625.4	494.9	5.00	4.65	
4.65	YES	NO						
L0000454	0	0.67256E-04	370468.2	3809619.8	495.1	5.00	4.65	
4.65	YES	NO						
L0000455	0	0.67256E-04	370476.5	3809614.3	495.2	5.00	4.65	
4.65	YES	NO						
L0000456	0	0.67256E-04	370484.9	3809608.7	495.4	5.00	4.65	
4.65	YES	NO						
L0000457	0	0.67256E-04	370493.2	3809603.2	495.6	5.00	4.65	
4.65	YES	NO						
L0000458	0	0.67256E-04	370501.5	3809597.6	495.7	5.00	4.65	
4.65	YES	NO						
L0000459	0	0.67256E-04	370509.8	3809592.1	495.9	5.00	4.65	
4.65	YES	NO						
L0000460	0	0.67256E-04	370518.2	3809586.5	496.1	5.00	4.65	
4.65	YES	NO						
L0000461	0	0.67256E-04	370526.5	3809581.0	496.2	5.00	4.65	
4.65	YES	NO						
L0000462	0	0.67256E-04	370534.8	3809575.4	496.4	5.00	4.65	
4.65	YES	NO						
L0000463	0	0.67256E-04	370543.1	3809569.9	496.6	5.00	4.65	
4.65	YES	NO						
L0000464	0	0.67256E-04	370551.4	3809564.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000465	0	0.67256E-04	370559.8	3809558.8	496.9	5.00	4.65	
4.65	YES	NO						
L0000466	0	0.67256E-04	370568.1	3809553.3	497.1	5.00	4.65	
4.65	YES	NO						
L0000467	0	0.67256E-04	370576.4	3809547.7	497.2	5.00	4.65	
4.65	YES	NO						
L0000468	0	0.67256E-04	370584.7	3809542.2	497.4	5.00	4.65	
4.65	YES	NO						
L0000469	0	0.67256E-04	370593.0	3809536.6	497.6	5.00	4.65	
4.65	YES	NO						
L0000470	0	0.67256E-04	370601.4	3809531.1	497.7	5.00	4.65	
4.65	YES	NO						

 L0000471   0   0.67256E-04 370609.7 3809525.5   497.9   5.00   4.65
4.65   YES   NO
 L0000472   0   0.67256E-04 370618.0 3809520.0   498.1   5.00   4.65
4.65   YES   NO
 L0000473   0   0.67256E-04 370626.3 3809514.4   498.2   5.00   4.65
4.65   YES   NO
 L0000474   0   0.67256E-04 370634.6 3809508.9   498.4   5.00   4.65
4.65   YES   NO
 L0000475   0   0.67256E-04 370643.0 3809503.3   498.5   5.00   4.65
4.65   YES   NO
 L0000476   0   0.67256E-04 370651.3 3809497.8   498.7   5.00   4.65
4.65   YES   NO
 L0000477   0   0.67256E-04 370659.6 3809492.2   498.9   5.00   4.65
4.65   YES   NO
 L0000478   0   0.67256E-04 370667.9 3809486.7   499.0   5.00   4.65
4.65   YES   NO
 L0000479   0   0.67256E-04 370676.3 3809481.2   499.3   5.00   4.65
4.65   YES   NO
 L0000480   0   0.67256E-04 370684.6 3809475.7   499.5   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000481   0   0.67256E-04 370692.9 3809470.1   499.7   5.00   4.65
4.65   YES   NO
 L0000482   0   0.67256E-04 370701.3 3809464.6   499.9   5.00   4.65
4.65   YES   NO
 L0000483   0   0.67256E-04 370709.6 3809459.1   500.2   5.00   4.65
4.65   YES   NO
 L0000484   0   0.67256E-04 370718.0 3809453.6   500.4   5.00   4.65
4.65   YES   NO
 L0000485   0   0.67256E-04 370726.3 3809448.1   500.6   5.00   4.65
4.65   YES   NO

L0000486	0	0.67256E-04	370734.6	3809442.5	500.8	5.00	4.65	
4.65	YES	NO						
L0000487	0	0.67256E-04	370743.0	3809437.0	501.1	5.00	4.65	
4.65	YES	NO						
L0000488	0	0.67256E-04	370751.3	3809431.5	501.3	5.00	4.65	
4.65	YES	NO						
L0000489	0	0.67256E-04	370759.7	3809426.0	501.5	5.00	4.65	
4.65	YES	NO						
L0000490	0	0.67256E-04	370768.0	3809420.5	501.7	5.00	4.65	
4.65	YES	NO						
L0000491	0	0.67256E-04	370776.3	3809414.9	501.9	5.00	4.65	
4.65	YES	NO						
L0000492	0	0.67256E-04	370784.7	3809409.4	502.2	5.00	4.65	
4.65	YES	NO						
L0000493	0	0.67256E-04	370789.4	3809402.0	502.4	5.00	4.65	
4.65	YES	NO						
L0000494	0	0.67256E-04	370789.2	3809392.0	502.5	5.00	4.65	
4.65	YES	NO						
L0000495	0	0.67256E-04	370789.0	3809382.0	502.6	5.00	4.65	
4.65	YES	NO						
L0000496	0	0.67256E-04	370788.8	3809372.0	502.8	5.00	4.65	
4.65	YES	NO						
L0000497	0	0.67256E-04	370788.6	3809362.0	502.9	5.00	4.65	
4.65	YES	NO						
L0000498	0	0.67256E-04	370788.4	3809352.0	503.1	5.00	4.65	
4.65	YES	NO						
L0000499	0	0.67256E-04	370788.2	3809342.0	503.2	5.00	4.65	
4.65	YES	NO						
L0000500	0	0.67256E-04	370788.0	3809332.0	503.4	5.00	4.65	
4.65	YES	NO						
L0000501	0	0.67256E-04	370787.8	3809322.0	503.5	5.00	4.65	
4.65	YES	NO						
L0000502	0	0.67256E-04	370783.6	3809314.5	503.4	5.00	4.65	
4.65	YES	NO						
L0000503	0	0.67256E-04	370774.8	3809309.8	502.9	5.00	4.65	
4.65	YES	NO						
L0000504	0	0.67256E-04	370765.9	3809305.1	502.5	5.00	4.65	
4.65	YES	NO						
L0000505	0	0.67256E-04	370757.1	3809300.5	502.1	5.00	4.65	
4.65	YES	NO						
L0000506	0	0.67256E-04	370758.5	3809295.1	502.1	5.00	4.65	
4.65	YES	NO						
L0000507	0	0.67256E-04	370766.8	3809289.7	502.3	5.00	4.65	
4.65	YES	NO						
L0000508	0	0.67256E-04	370776.8	3809290.2	502.6	5.00	4.65	
4.65	YES	NO						
L0000509	0	0.67256E-04	370786.7	3809290.7	502.8	5.00	4.65	
4.65	YES	NO						
L0000510	0	0.67256E-04	370796.7	3809291.1	503.1	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000511	0	0.67256E-04	370806.7	3809291.7	503.4	5.00	4.65	4.65	YES	NO	
L0000512	0	0.67256E-04	370816.7	3809292.4	503.8	5.00	4.65	4.65	YES	NO	
L0000513	0	0.67256E-04	370826.7	3809293.2	504.3	5.00	4.65	4.65	YES	NO	
L0000514	0	0.67256E-04	370836.6	3809293.9	504.7	5.00	4.65	4.65	YES	NO	
L0000515	0	0.67256E-04	370846.6	3809294.6	505.2	5.00	4.65	4.65	YES	NO	
L0000516	0	0.67256E-04	370856.3	3809296.5	505.4	5.00	4.65	4.65	YES	NO	
L0000517	0	0.67256E-04	370865.8	3809299.8	505.3	5.00	4.65	4.65	YES	NO	
L0000518	0	0.67256E-04	370875.2	3809303.2	505.3	5.00	4.65	4.65	YES	NO	
L0000519	0	0.67256E-04	370883.8	3809307.6	505.1	5.00	4.65	4.65	YES	NO	
L0000520	0	0.67256E-04	370889.0	3809316.1	504.6	5.00	4.65	4.65	YES	NO	
L0000521	0	0.67256E-04	370894.2	3809324.6	504.1	5.00	4.65	4.65	YES	NO	
L0000522	0	0.67256E-04	370899.4	3809333.2	503.6	5.00	4.65	4.65	YES	NO	
L0000523	0	0.67256E-04	370904.6	3809341.7	503.1	5.00	4.65	4.65	YES	NO	
L0000524	0	0.67256E-04	370909.8	3809350.2	502.8	5.00	4.65	4.65	YES	NO	
L0000525	0	0.67256E-04	370915.2	3809358.7	502.6	5.00	4.65	4.65	YES	NO	

L0000526	0	0.67256E-04	370920.7	3809366.8	502.4	5.00	4.65	
4.65	YES	NO						
L0000527	0	0.67256E-04	370930.7	3809367.3	502.1	5.00	4.65	
4.65	YES	NO						
L0000528	0	0.67256E-04	370940.7	3809367.9	501.8	5.00	4.65	
4.65	YES	NO						
L0000529	0	0.67256E-04	370950.7	3809368.4	501.6	5.00	4.65	
4.65	YES	NO						
L0000530	0	0.67256E-04	370955.0	3809374.8	501.4	5.00	4.65	
4.65	YES	NO						
L0000531	0	0.67256E-04	370955.8	3809384.8	501.2	5.00	4.65	
4.65	YES	NO						
L0000532	0	0.67256E-04	370956.6	3809394.7	501.1	5.00	4.65	
4.65	YES	NO						
L0000533	0	0.67256E-04	370957.4	3809404.7	500.9	5.00	4.65	
4.65	YES	NO						
L0000534	0	0.67256E-04	370959.3	3809413.4	500.8	5.00	4.65	
4.65	YES	NO						
L0000535	0	0.67256E-04	370969.3	3809413.4	500.7	5.00	4.65	
4.65	YES	NO						
L0000536	0	0.67256E-04	370979.3	3809413.4	500.7	5.00	4.65	
4.65	YES	NO						
L0000537	0	0.67256E-04	370989.3	3809413.4	500.6	5.00	4.65	
4.65	YES	NO						
L0000538	0	0.67256E-04	370999.3	3809413.4	500.6	5.00	4.65	
4.65	YES	NO						
L0000539	0	0.67256E-04	371009.3	3809413.4	500.5	5.00	4.65	
4.65	YES	NO						
L0000540	0	0.67256E-04	371019.3	3809413.4	500.5	5.00	4.65	
4.65	YES	NO						
L0000541	0	0.67256E-04	371029.3	3809413.4	500.4	5.00	4.65	
4.65	YES	NO						
L0000542	0	0.67256E-04	371039.3	3809413.4	500.4	5.00	4.65	
4.65	YES	NO						
L0000543	0	0.67256E-04	371049.3	3809413.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000544	0	0.67256E-04	371059.3	3809413.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000545	0	0.67256E-04	371069.3	3809413.4	500.2	5.00	4.65	
4.65	YES	NO						
L0000546	0	0.67256E-04	371079.3	3809413.4	500.2	5.00	4.65	
4.65	YES	NO						
L0000547	0	0.67256E-04	371089.3	3809413.4	500.1	5.00	4.65	
4.65	YES	NO						
L0000548	0	0.67256E-04	371099.3	3809413.4	500.1	5.00	4.65	
4.65	YES	NO						
L0000549	0	0.67256E-04	371109.3	3809413.4	500.0	5.00	4.65	
4.65	YES	NO						
L0000550	0	0.67256E-04	371119.3	3809413.4	500.0	5.00	4.65	
4.65	YES	NO						

 L0000551   0   0.67256E-04 371129.3 3809413.4   499.9   5.00   4.65
4.65   YES   NO
 L0000552   0   0.67256E-04 371130.4 3809422.5   499.8   5.00   4.65
4.65   YES   NO
 L0000553   0   0.67256E-04 371130.5 3809432.5   499.8   5.00   4.65
4.65   YES   NO
 L0000554   0   0.67256E-04 371130.7 3809442.5   499.7   5.00   4.65
4.65   YES   NO
 L0000555   0   0.67256E-04 371130.8 3809452.5   499.6   5.00   4.65
4.65   YES   NO
 L0000556   0   0.67256E-04 371131.0 3809462.5   499.5   5.00   4.65
4.65   YES   NO
 L0000557   0   0.67256E-04 371131.1 3809472.5   499.4   5.00   4.65
4.65   YES   NO
 L0000558   0   0.67256E-04 371131.3 3809482.5   499.3   5.00   4.65
4.65   YES   NO
 L0000559   0   0.67256E-04 371131.5 3809492.5   499.2   5.00   4.65
4.65   YES   NO
 L0000560   0   0.67256E-04 371131.6 3809502.5   499.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000561   0   0.67256E-04 371131.8 3809512.5   499.0   5.00   4.65
4.65   YES   NO
 L0000562   0   0.67256E-04 371131.9 3809522.5   498.9   5.00   4.65
4.65   YES   NO
 L0000563   0   0.67256E-04 371132.1 3809532.5   498.8   5.00   4.65
4.65   YES   NO
 L0000564   0   0.67256E-04 371132.2 3809542.5   498.7   5.00   4.65
4.65   YES   NO
 L0000565   0   0.67256E-04 371132.4 3809552.5   498.6   5.00   4.65
4.65   YES   NO

L0000566	0	0.67256E-04	371132.5	3809562.5	498.5	5.00	4.65	4.65
YES		NO						
L0000567	0	0.67256E-04	371132.7	3809572.5	498.4	5.00	4.65	4.65
YES		NO						
L0000568	0	0.67256E-04	371132.9	3809582.5	498.3	5.00	4.65	4.65
YES		NO						
L0000569	0	0.67256E-04	371133.0	3809592.5	498.2	5.00	4.65	4.65
YES		NO						
L0000570	0	0.67256E-04	371133.2	3809602.5	498.1	5.00	4.65	4.65
YES		NO						
L0000571	0	0.67256E-04	371133.3	3809612.5	498.0	5.00	4.65	4.65
YES		NO						
L0000572	0	0.67256E-04	371133.5	3809622.5	497.9	5.00	4.65	4.65
YES		NO						
L0000573	0	0.67256E-04	371133.6	3809632.5	497.8	5.00	4.65	4.65
YES		NO						
L0000574	0	0.67256E-04	371133.8	3809642.5	497.7	5.00	4.65	4.65
YES		NO						
L0000575	0	0.67256E-04	371134.0	3809652.5	497.6	5.00	4.65	4.65
YES		NO						
L0000576	0	0.67256E-04	371134.1	3809662.5	497.5	5.00	4.65	4.65
YES		NO						
L0000577	0	0.67256E-04	371134.3	3809672.5	497.4	5.00	4.65	4.65
YES		NO						
L0000578	0	0.67256E-04	371134.4	3809682.5	497.3	5.00	4.65	4.65
YES		NO						
L0000579	0	0.67256E-04	371134.6	3809692.5	497.2	5.00	4.65	4.65
YES		NO						
L0000580	0	0.67256E-04	371134.7	3809702.5	497.1	5.00	4.65	4.65
YES		NO						
L0000581	0	0.67256E-04	371134.9	3809712.5	497.0	5.00	4.65	4.65
YES		NO						
L0000582	0	0.67256E-04	371135.0	3809722.5	496.9	5.00	4.65	4.65
YES		NO						
L0000583	0	0.67256E-04	371135.2	3809732.5	496.9	5.00	4.65	4.65
YES		NO						
L0000584	0	0.67256E-04	371135.4	3809742.5	496.8	5.00	4.65	4.65
YES		NO						
L0000585	0	0.67256E-04	371135.5	3809752.5	496.7	5.00	4.65	4.65
YES		NO						
L0000586	0	0.67256E-04	371135.7	3809762.5	496.6	5.00	4.65	4.65
YES		NO						
L0000587	0	0.67256E-04	371135.8	3809772.5	496.5	5.00	4.65	4.65
YES		NO						
L0000588	0	0.67256E-04	371136.0	3809782.5	496.4	5.00	4.65	4.65
YES		NO						
L0000589	0	0.67256E-04	371136.1	3809792.5	496.3	5.00	4.65	4.65
YES		NO						
L0000590	0	0.67256E-04	371136.3	3809802.5	496.2	5.00	4.65	4.65
YES		NO						

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 L0000591         0   0.67256E-04  371136.4 3809812.5   496.1     5.00     4.65
4.65     YES                     NO
 L0000592         0   0.67256E-04  371136.6 3809822.5   496.0     5.00     4.65
4.65     YES                     NO
 L0000593         0   0.67256E-04  371136.8 3809832.5   495.9     5.00     4.65
4.65     YES                     NO
 L0000594         0   0.67256E-04  371136.9 3809842.5   495.8     5.00     4.65
4.65     YES                     NO
 L0000595         0   0.67256E-04  371137.1 3809852.5   495.7     5.00     4.65
4.65     YES                     NO
 L0000596         0   0.67256E-04  371137.2 3809862.5   495.6     5.00     4.65
4.65     YES                     NO
 L0000597         0   0.67256E-04  371137.4 3809872.5   495.5     5.00     4.65
4.65     YES                     NO
 L0000598         0   0.67256E-04  371137.5 3809882.4   495.4     5.00     4.65
4.65     YES                     NO
 L0000599         0   0.67256E-04  371137.7 3809892.4   495.3     5.00     4.65
4.65     YES                     NO
 L0000600         0   0.67256E-04  371137.8 3809902.4   495.2     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000601         0   0.67256E-04  371138.0 3809912.4   495.1     5.00     4.65
4.65     YES                     NO
 L0000602         0   0.67256E-04  371138.2 3809922.4   495.0     5.00     4.65
4.65     YES                     NO
 L0000603         0   0.67256E-04  371138.3 3809932.4   494.9     5.00     4.65
4.65     YES                     NO
 L0000604         0   0.67256E-04  371138.5 3809942.4   494.8     5.00     4.65
4.65     YES                     NO
 L0000605         0   0.67256E-04  371138.6 3809952.4   494.7     5.00     4.65
4.65     YES                     NO
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L0000606	0	0.67256E-04	371138.8	3809962.4	494.6	5.00	4.65	
4.65	YES	NO						
L0000607	0	0.67256E-04	371138.9	3809972.4	494.5	5.00	4.65	
4.65	YES	NO						
L0000608	0	0.67256E-04	371139.1	3809982.4	494.4	5.00	4.65	
4.65	YES	NO						
L0000609	0	0.67256E-04	371136.0	3809988.6	494.4	5.00	4.65	
4.65	YES	NO						
L0000610	0	0.67256E-04	371126.1	3809986.9	494.5	5.00	4.65	
4.65	YES	NO						
L0000611	0	0.67256E-04	371116.3	3809985.1	494.6	5.00	4.65	
4.65	YES	NO						
L0000612	0	0.67256E-04	371106.4	3809983.4	494.8	5.00	4.65	
4.65	YES	NO						
L0000613	0	0.67256E-04	371096.6	3809981.7	494.9	5.00	4.65	
4.65	YES	NO						
L0000614	0	0.67256E-04	371086.7	3809980.0	495.0	5.00	4.65	
4.65	YES	NO						
L0000615	0	0.67256E-04	371076.9	3809978.2	495.1	5.00	4.65	
4.65	YES	NO						
L0000616	0	0.67256E-04	371067.0	3809976.5	495.2	5.00	4.65	
4.65	YES	NO						
L0000617	0	0.67256E-04	371057.2	3809974.8	495.3	5.00	4.65	
4.65	YES	NO						
L0000618	0	0.67256E-04	371047.3	3809973.1	495.4	5.00	4.65	
4.65	YES	NO						
L0000619	0	0.67256E-04	371037.5	3809971.3	495.6	5.00	4.65	
4.65	YES	NO						
L0000620	0	0.67256E-04	371027.6	3809969.6	495.7	5.00	4.65	
4.65	YES	NO						
L0000621	0	0.67256E-04	371017.8	3809967.9	495.8	5.00	4.65	
4.65	YES	NO						
L0000622	0	0.67256E-04	371007.9	3809966.2	495.9	5.00	4.65	
4.65	YES	NO						
L0000623	0	0.67256E-04	370998.1	3809964.4	496.0	5.00	4.65	
4.65	YES	NO						
L0000624	0	0.67256E-04	370988.2	3809962.7	496.1	5.00	4.65	
4.65	YES	NO						
L0000625	0	0.67256E-04	370978.4	3809961.0	496.3	5.00	4.65	
4.65	YES	NO						
L0000626	0	0.67256E-04	370968.5	3809959.3	496.4	5.00	4.65	
4.65	YES	NO						
L0000627	0	0.67256E-04	370958.7	3809957.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000628	0	0.67256E-04	370948.8	3809955.8	496.6	5.00	4.65	
4.65	YES	NO						
L0000629	0	0.67256E-04	370939.0	3809954.1	496.7	5.00	4.65	
4.65	YES	NO						
L0000630	0	0.67256E-04	370929.1	3809952.4	496.8	5.00	4.65	
4.65	YES	NO						

 L0000631   0   0.67256E-04 370919.3 3809950.6   496.9   5.00   4.65
4.65   YES   NO
 L0000632   0   0.67256E-04 370909.4 3809948.9   497.1   5.00   4.65
4.65   YES   NO
 L0000633   0   0.67256E-04 370899.6 3809947.2   497.2   5.00   4.65
4.65   YES   NO
 L0000634   0   0.67256E-04 370889.7 3809945.5   497.3   5.00   4.65
4.65   YES   NO
 L0000635   0   0.67256E-04 370879.9 3809943.7   497.4   5.00   4.65
4.65   YES   NO
 L0000636   0   0.67256E-04 370870.0 3809942.0   497.5   5.00   4.65
4.65   YES   NO
 L0000637   0   0.67256E-04 370860.2 3809940.3   497.7   5.00   4.65
4.65   YES   NO
 L0000638   0   0.67256E-04 370850.3 3809938.6   497.8   5.00   4.65
4.65   YES   NO
 L0000639   0   0.67256E-04 370840.5 3809936.8   497.9   5.00   4.65
4.65   YES   NO
 L0000640   0   0.67256E-04 370830.6 3809935.1   498.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000641   0   0.67256E-04 370820.8 3809933.4   498.1   5.00   4.65
4.65   YES   NO
 L0000642   0   0.67256E-04 370810.9 3809931.7   498.2   5.00   4.65
4.65   YES   NO
 L0000643   0   0.67256E-04 370801.1 3809929.9   498.3   5.00   4.65
4.65   YES   NO
 L0000644   0   0.67256E-04 370791.2 3809928.2   498.5   5.00   4.65
4.65   YES   NO
 L0000645   0   0.67256E-04 370781.4 3809926.5   498.6   5.00   4.65
4.65   YES   NO

L0000646	0	0.67256E-04	370771.5	3809924.8	498.7	5.00	4.65	
4.65	YES	NO						
L0000647	0	0.67256E-04	370761.7	3809923.0	498.8	5.00	4.65	
4.65	YES	NO						
L0000648	0	0.67256E-04	370751.8	3809921.3	498.9	5.00	4.65	
4.65	YES	NO						
L0000649	0	0.67256E-04	370741.9	3809919.9	498.5	5.00	4.65	
4.65	YES	NO						
L0000650	0	0.67256E-04	370732.0	3809918.6	498.0	5.00	4.65	
4.65	YES	NO						
L0000651	0	0.67256E-04	370722.1	3809917.3	497.5	5.00	4.65	
4.65	YES	NO						
L0000652	0	0.67256E-04	370712.2	3809915.9	496.9	5.00	4.65	
4.65	YES	NO						
L0000653	0	0.67256E-04	370702.3	3809914.6	496.4	5.00	4.65	
4.65	YES	NO						
L0000654	0	0.67256E-04	370692.4	3809913.3	495.9	5.00	4.65	
4.65	YES	NO						
L0000655	0	0.67256E-04	370682.4	3809911.9	495.4	5.00	4.65	
4.65	YES	NO						
L0000656	0	0.67256E-04	370672.5	3809910.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000657	0	0.67256E-04	370662.6	3809909.3	494.3	5.00	4.65	
4.65	YES	NO						
L0000658	0	0.67256E-04	370652.7	3809907.9	493.8	5.00	4.65	
4.65	YES	NO						
L0000659	0	0.67256E-04	370642.8	3809906.6	493.3	5.00	4.65	
4.65	YES	NO						
L0000660	0	0.67256E-04	370632.9	3809905.3	492.8	5.00	4.65	
4.65	YES	NO						
L0000661	0	0.67256E-04	370623.0	3809903.9	492.3	5.00	4.65	
4.65	YES	NO						
L0000662	0	0.67256E-04	370613.1	3809902.6	491.7	5.00	4.65	
4.65	YES	NO						
L0000663	0	0.67256E-04	370603.2	3809901.3	491.2	5.00	4.65	
4.65	YES	NO						
L0000664	0	0.67256E-04	370593.3	3809899.9	490.7	5.00	4.65	
4.65	YES	NO						
L0000665	0	0.67256E-04	370583.3	3809898.6	490.2	5.00	4.65	
4.65	YES	NO						
L0000666	0	0.67256E-04	370573.4	3809897.3	489.7	5.00	4.65	
4.65	YES	NO						
L0000667	0	0.67256E-04	370563.5	3809895.9	489.1	5.00	4.65	
4.65	YES	NO						
L0000668	0	0.67256E-04	370553.6	3809894.6	488.6	5.00	4.65	
4.65	YES	NO						
L0000669	0	0.67256E-04	370543.7	3809893.3	488.1	5.00	4.65	
4.65	YES	NO						
L0000670	0	0.67256E-04	370536.5	3809889.5	487.8	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000681	0	0.67256E-04	370478.7	3809809.2	489.4	5.00	4.65	4.65	YES	NO	
L0000682	0	0.67256E-04	370470.4	3809803.5	489.4	5.00	4.65	4.65	YES	NO	
L0000683	0	0.67256E-04	370462.2	3809797.9	489.5	5.00	4.65	4.65	YES	NO	
L0000684	0	0.67256E-04	370462.3	3809788.4	489.7	5.00	4.65	4.65	YES	NO	
L0000685	0	0.67256E-04	370463.6	3809778.5	490.0	5.00	4.65	4.65	YES	NO	

L0000686	0	0.67256E-04	370464.8	3809768.6	490.2	5.00	4.65	
4.65	YES	NO						
L0000687	0	0.67256E-04	370466.1	3809758.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000688	0	0.67256E-04	370467.3	3809748.7	490.7	5.00	4.65	
4.65	YES	NO						
L0000689	0	0.67256E-04	370468.5	3809738.8	490.9	5.00	4.65	
4.65	YES	NO						
L0000690	0	0.67256E-04	370469.8	3809728.9	491.2	5.00	4.65	
4.65	YES	NO						
L0000691	0	0.67256E-04	370471.0	3809719.0	491.4	5.00	4.65	
4.65	YES	NO						
L0000692	0	0.67256E-04	370472.3	3809709.1	491.7	5.00	4.65	
4.65	YES	NO						
L0000693	0	0.67256E-04	370473.5	3809699.1	491.9	5.00	4.65	
4.65	YES	NO						
L0000694	0	0.67256E-04	370474.7	3809689.2	492.2	5.00	4.65	
4.65	YES	NO						
L0000695	0	0.67256E-04	370476.0	3809679.3	492.4	5.00	4.65	
4.65	YES	NO						
L0000696	0	0.67256E-04	370477.2	3809669.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000697	0	0.67256E-04	370478.5	3809659.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000698	0	0.67256E-04	370482.7	3809651.4	493.1	5.00	4.65	
4.65	YES	NO						
L0000699	0	0.67256E-04	370491.0	3809645.8	493.3	5.00	4.65	
4.65	YES	NO						
L0000700	0	0.67256E-04	370499.3	3809640.2	493.6	5.00	4.65	
4.65	YES	NO						
L0000701	0	0.67256E-04	370507.6	3809634.6	493.8	5.00	4.65	
4.65	YES	NO						
L0000702	0	0.67256E-04	370515.9	3809629.0	494.0	5.00	4.65	
4.65	YES	NO						
L0000703	0	0.67256E-04	370524.2	3809623.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000704	0	0.67256E-04	370532.5	3809617.8	494.4	5.00	4.65	
4.65	YES	NO						
L0000705	0	0.67256E-04	370540.7	3809612.2	494.7	5.00	4.65	
4.65	YES	NO						
L0000706	0	0.67256E-04	370549.0	3809606.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000707	0	0.67256E-04	370557.3	3809601.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000708	0	0.67256E-04	370565.6	3809595.4	495.3	5.00	4.65	
4.65	YES	NO						
L0000709	0	0.67256E-04	370573.9	3809589.8	495.5	5.00	4.65	
4.65	YES	NO						
L0000710	0	0.67256E-04	370582.2	3809584.2	495.8	5.00	4.65	
4.65	YES	NO						

 L0000711   0   0.67256E-04 370590.5 3809578.6   496.0   5.00   4.65
4.65   YES   NO
 L0000712   0   0.67256E-04 370598.7 3809573.0   496.2   5.00   4.65
4.65   YES   NO
 L0000713   0   0.67256E-04 370607.0 3809567.4   496.4   5.00   4.65
4.65   YES   NO
 L0000714   0   0.67256E-04 370615.3 3809561.8   496.6   5.00   4.65
4.65   YES   NO
 L0000715   0   0.67256E-04 370623.6 3809556.2   496.9   5.00   4.65
4.65   YES   NO
 L0000716   0   0.67256E-04 370631.9 3809550.6   497.1   5.00   4.65
4.65   YES   NO
 L0000717   0   0.67256E-04 370640.2 3809545.0   497.3   5.00   4.65
4.65   YES   NO
 L0000718   0   0.67256E-04 370648.5 3809539.4   497.5   5.00   4.65
4.65   YES   NO
 L0000719   0   0.67256E-04 370656.8 3809533.8   497.7   5.00   4.65
4.65   YES   NO
 L0000720   0   0.67256E-04 370665.0 3809528.2   498.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000721   0   0.67256E-04 370673.3 3809522.6   498.2   5.00   4.65
4.65   YES   NO
 L0000722   0   0.67256E-04 370681.6 3809517.1   498.4   5.00   4.65
4.65   YES   NO
 L0000723   0   0.67256E-04 370689.9 3809511.5   498.6   5.00   4.65
4.65   YES   NO
 L0000724   0   0.67256E-04 370698.2 3809505.9   498.8   5.00   4.65
4.65   YES   NO
 L0000725   0   0.67256E-04 370706.5 3809500.3   499.1   5.00   4.65
4.65   YES   NO

L0000726	0	0.67256E-04	370714.8	3809494.7	499.3	5.00	4.65	
4.65	YES	NO						
L0000727	0	0.67256E-04	370723.1	3809489.1	499.5	5.00	4.65	
4.65	YES	NO						
L0000728	0	0.67256E-04	370731.3	3809483.5	499.7	5.00	4.65	
4.65	YES	NO						
L0000729	0	0.67256E-04	370739.6	3809477.9	499.9	5.00	4.65	
4.65	YES	NO						
L0000730	0	0.67256E-04	370747.9	3809472.3	500.2	5.00	4.65	
4.65	YES	NO						
L0000731	0	0.67256E-04	370756.2	3809466.7	500.4	5.00	4.65	
4.65	YES	NO						
L0000732	0	0.67256E-04	370764.9	3809461.8	500.7	5.00	4.65	
4.65	YES	NO						
L0000733	0	0.67256E-04	370773.6	3809456.8	501.0	5.00	4.65	
4.65	YES	NO						
L0000734	0	0.67256E-04	370782.3	3809451.9	501.4	5.00	4.65	
4.65	YES	NO						
L0000735	0	0.67256E-04	370791.0	3809446.9	501.7	5.00	4.65	
4.65	YES	NO						
L0000736	0	0.67256E-04	370799.7	3809441.9	502.0	5.00	4.65	
4.65	YES	NO						
L0000737	0	0.67256E-04	370805.7	3809435.4	502.3	5.00	4.65	
4.65	YES	NO						
L0000738	0	0.67256E-04	370805.9	3809425.4	502.5	5.00	4.65	
4.65	YES	NO						
L0000739	0	0.67256E-04	370806.0	3809415.4	502.7	5.00	4.65	
4.65	YES	NO						
L0000740	0	0.67256E-04	370806.2	3809405.4	502.9	5.00	4.65	
4.65	YES	NO						
L0000741	0	0.67256E-04	370806.4	3809395.4	503.1	5.00	4.65	
4.65	YES	NO						
L0000742	0	0.67256E-04	370806.6	3809385.4	503.3	5.00	4.65	
4.65	YES	NO						
L0000743	0	0.67256E-04	370806.8	3809375.4	503.5	5.00	4.65	
4.65	YES	NO						
L0000744	0	0.67256E-04	370807.0	3809365.4	503.7	5.00	4.65	
4.65	YES	NO						
L0000745	0	0.67256E-04	370807.2	3809355.4	503.9	5.00	4.65	
4.65	YES	NO						
L0000746	0	0.67256E-04	370807.4	3809345.4	504.1	5.00	4.65	
4.65	YES	NO						
L0000747	0	0.67256E-04	370811.1	3809336.1	504.2	5.00	4.65	
4.65	YES	NO						
L0000748	0	0.67256E-04	370814.8	3809326.8	504.3	5.00	4.65	
4.65	YES	NO						
L0000749	0	0.67256E-04	370819.0	3809318.5	504.4	5.00	4.65	
4.65	YES	NO						
L0000750	0	0.67256E-04	370828.9	3809320.0	504.5	5.00	4.65	
4.65	YES	NO						

 L0000751   0   0.67256E-04 370838.8 3809321.5   504.6   5.00   4.65
4.65   YES   NO
 L0000752   0   0.67256E-04 370848.7 3809323.0   504.7   5.00   4.65
4.65   YES   NO
 L0000753   0   0.67256E-04 370856.3 3809327.8   504.7   5.00   4.65
4.65   YES   NO
 L0000754   0   0.67256E-04 370861.3 3809336.4   504.5   5.00   4.65
4.65   YES   NO
 L0000755   0   0.67256E-04 370866.3 3809345.1   504.2   5.00   4.65
4.65   YES   NO
 L0000756   0   0.67256E-04 370871.3 3809353.8   504.0   5.00   4.65
4.65   YES   NO
 L0000757   0   0.67256E-04 370876.3 3809362.4   503.8   5.00   4.65
4.65   YES   NO
 L0000758   0   0.67256E-04 370881.3 3809371.1   503.6   5.00   4.65
4.65   YES   NO
 L0000759   0   0.67256E-04 370886.2 3809379.8   503.4   5.00   4.65
4.65   YES   NO
 L0000760   0   0.67256E-04 370891.2 3809388.5   503.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000761   0   0.67256E-04 370896.3 3809397.1   502.9   5.00   4.65
4.65   YES   NO
 L0000762   0   0.67256E-04 370901.9 3809405.4   502.6   5.00   4.65
4.65   YES   NO
 L0000763   0   0.67256E-04 370907.4 3809413.7   502.2   5.00   4.65
4.65   YES   NO
 L0000764   0   0.67256E-04 370913.0 3809422.0   501.9   5.00   4.65
4.65   YES   NO
 L0000765   0   0.67256E-04 370918.5 3809430.3   501.5   5.00   4.65
4.65   YES   NO

L0000766	0	0.67256E-04	370924.0	3809438.7	501.2	5.00	4.65	
4.65	YES	NO						
L0000767	0	0.67256E-04	370931.2	3809444.1	500.9	5.00	4.65	
4.65	YES	NO						
L0000768	0	0.67256E-04	370941.2	3809444.5	500.7	5.00	4.65	
4.65	YES	NO						
L0000769	0	0.67256E-04	370951.2	3809445.0	500.5	5.00	4.65	
4.65	YES	NO						
L0000770	0	0.67256E-04	370961.2	3809445.4	500.3	5.00	4.65	
4.65	YES	NO						
L0000771	0	0.67256E-04	370971.2	3809445.8	500.1	5.00	4.65	
4.65	YES	NO						
L0000772	0	0.67256E-04	370981.2	3809446.3	499.9	5.00	4.65	
4.65	YES	NO						
L0000773	0	0.67256E-04	370991.2	3809446.7	499.7	5.00	4.65	
4.65	YES	NO						
L0000774	0	0.67256E-04	371001.2	3809447.2	499.4	5.00	4.65	
4.65	YES	NO						
L0000775	0	0.67256E-04	371011.2	3809447.6	499.2	5.00	4.65	
4.65	YES	NO						
L0000776	0	0.67256E-04	371021.1	3809448.0	499.0	5.00	4.65	
4.65	YES	NO						
L0000777	0	0.67256E-04	371031.1	3809448.5	498.8	5.00	4.65	
4.65	YES	NO						
L0000778	0	0.67256E-04	371041.1	3809448.9	498.6	5.00	4.65	
4.65	YES	NO						
L0000779	0	0.67256E-04	371051.1	3809449.4	498.4	5.00	4.65	
4.65	YES	NO						
L0000780	0	0.67256E-04	371061.1	3809449.8	498.2	5.00	4.65	
4.65	YES	NO						
L0000781	0	0.67256E-04	371071.1	3809450.2	498.0	5.00	4.65	
4.65	YES	NO						
L0000782	0	0.67256E-04	371081.1	3809450.7	497.8	5.00	4.65	
4.65	YES	NO						
L0000783	0	0.67256E-04	371090.8	3809451.4	497.6	5.00	4.65	
4.65	YES	NO						
L0000784	0	0.67256E-04	371090.9	3809461.4	497.5	5.00	4.65	
4.65	YES	NO						
L0000785	0	0.67256E-04	371091.1	3809471.4	497.3	5.00	4.65	
4.65	YES	NO						
L0000786	0	0.67256E-04	371091.2	3809481.4	497.2	5.00	4.65	
4.65	YES	NO						
L0000787	0	0.67256E-04	371091.3	3809491.4	497.1	5.00	4.65	
4.65	YES	NO						
L0000788	0	0.67256E-04	371091.5	3809501.4	497.0	5.00	4.65	
4.65	YES	NO						
L0000789	0	0.67256E-04	371091.6	3809511.4	496.8	5.00	4.65	
4.65	YES	NO						
L0000790	0	0.67256E-04	371091.8	3809521.4	496.7	5.00	4.65	
4.65	YES	NO						

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 L0000791         0   0.67256E-04  371091.9 3809531.4   496.6     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.67256E-04  371092.0 3809541.4   496.5     5.00     4.65
4.65     YES                    NO
 L0000793         0   0.67256E-04  371092.2 3809551.4   496.3     5.00     4.65
4.65     YES                    NO
 L0000794         0   0.67256E-04  371092.3 3809561.4   496.2     5.00     4.65
4.65     YES                    NO
 L0000795         0   0.67256E-04  371092.5 3809571.4   496.1     5.00     4.65
4.65     YES                    NO
 L0000796         0   0.67256E-04  371092.6 3809581.4   495.9     5.00     4.65
4.65     YES                    NO
 L0000797         0   0.67256E-04  371092.8 3809591.4   495.8     5.00     4.65
4.65     YES                    NO
 L0000798         0   0.67256E-04  371092.9 3809601.4   495.7     5.00     4.65
4.65     YES                    NO
 L0000799         0   0.67256E-04  371093.0 3809611.4   495.6     5.00     4.65
4.65     YES                    NO
 L0000800         0   0.67256E-04  371093.2 3809621.4   495.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000801         0   0.67256E-04  371093.3 3809631.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000802         0   0.67256E-04  371093.5 3809641.4   495.2     5.00     4.65
4.65     YES                    NO
 L0000803         0   0.67256E-04  371093.6 3809651.4   495.1     5.00     4.65
4.65     YES                    NO
 L0000804         0   0.67256E-04  371093.7 3809661.4   494.9     5.00     4.65
4.65     YES                    NO
 L0000805         0   0.67256E-04  371093.9 3809671.4   494.8     5.00     4.65
4.65     YES                    NO
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L0000806	0	0.67256E-04	371094.0	3809681.4	494.7	5.00	4.65	
4.65	YES	NO						
L0000807	0	0.67256E-04	371094.2	3809691.4	494.6	5.00	4.65	
4.65	YES	NO						
L0000808	0	0.67256E-04	371094.3	3809701.4	494.4	5.00	4.65	
4.65	YES	NO						
L0000809	0	0.67256E-04	371094.4	3809711.4	494.3	5.00	4.65	
4.65	YES	NO						
L0000810	0	0.67256E-04	371094.6	3809721.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000811	0	0.67256E-04	371094.7	3809731.4	494.1	5.00	4.65	
4.65	YES	NO						
L0000812	0	0.67256E-04	371094.9	3809741.4	493.9	5.00	4.65	
4.65	YES	NO						
L0000813	0	0.67256E-04	371095.0	3809751.4	493.8	5.00	4.65	
4.65	YES	NO						
L0000814	0	0.67256E-04	371095.2	3809761.4	493.7	5.00	4.65	
4.65	YES	NO						
L0000815	0	0.67256E-04	371095.3	3809771.4	493.5	5.00	4.65	
4.65	YES	NO						
L0000816	0	0.67256E-04	371095.4	3809781.4	493.4	5.00	4.65	
4.65	YES	NO						
L0000817	0	0.67256E-04	371095.6	3809791.4	493.3	5.00	4.65	
4.65	YES	NO						
L0000818	0	0.67256E-04	371095.7	3809801.4	493.2	5.00	4.65	
4.65	YES	NO						
L0000819	0	0.67256E-04	371095.9	3809811.4	493.0	5.00	4.65	
4.65	YES	NO						
L0000820	0	0.67256E-04	371096.0	3809821.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000821	0	0.67256E-04	371096.1	3809831.4	492.8	5.00	4.65	
4.65	YES	NO						
L0000822	0	0.67256E-04	371096.3	3809841.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000823	0	0.67256E-04	371096.4	3809851.4	492.5	5.00	4.65	
4.65	YES	NO						
L0000824	0	0.67256E-04	371096.6	3809861.4	492.4	5.00	4.65	
4.65	YES	NO						
L0000825	0	0.67256E-04	371096.7	3809871.4	492.3	5.00	4.65	
4.65	YES	NO						
L0000826	0	0.67256E-04	371096.9	3809881.4	492.2	5.00	4.65	
4.65	YES	NO						
L0000827	0	0.67256E-04	371097.0	3809891.4	492.0	5.00	4.65	
4.65	YES	NO						
L0000828	0	0.67256E-04	371097.1	3809901.4	491.9	5.00	4.65	
4.65	YES	NO						
L0000829	0	0.67256E-04	371097.3	3809911.4	491.8	5.00	4.65	
4.65	YES	NO						
L0000830	0	0.67256E-04	371097.4	3809921.4	491.6	5.00	4.65	
4.65	YES	NO						

 L0000831   0   0.67256E-04 371097.6 3809931.4   491.5   5.00   4.65
4.65   YES   NO
 L0000832   0   0.67256E-04 371097.7 3809941.4   491.4   5.00   4.65
4.65   YES   NO
 L0000833   0   0.67256E-04 371097.8 3809951.4   491.3   5.00   4.65
4.65   YES   NO
 L0000834   0   0.67256E-04 371095.3 3809958.2   491.2   5.00   4.65
4.65   YES   NO
 L0000835   0   0.67256E-04 371085.4 3809956.5   491.1   5.00   4.65
4.65   YES   NO
 L0000836   0   0.67256E-04 371075.6 3809954.8   491.1   5.00   4.65
4.65   YES   NO
 L0000837   0   0.67256E-04 371065.7 3809953.1   491.0   5.00   4.65
4.65   YES   NO
 L0000838   0   0.67256E-04 371055.9 3809951.4   491.0   5.00   4.65
4.65   YES   NO
 L0000839   0   0.67256E-04 371046.0 3809949.7   490.9   5.00   4.65
4.65   YES   NO
 L0000840   0   0.67256E-04 371036.2 3809947.9   490.9   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000841   0   0.67256E-04 371026.3 3809946.2   490.8   5.00   4.65
4.65   YES   NO
 L0000842   0   0.67256E-04 371016.5 3809944.5   490.8   5.00   4.65
4.65   YES   NO
 L0000843   0   0.67256E-04 371006.6 3809942.8   490.7   5.00   4.65
4.65   YES   NO
 L0000844   0   0.67256E-04 370996.8 3809941.1   490.7   5.00   4.65
4.65   YES   NO
 L0000845   0   0.67256E-04 370986.9 3809939.4   490.6   5.00   4.65
4.65   YES   NO

L0000846	0	0.67256E-04	370977.1	3809937.7	490.6	5.00	4.65	
4.65	YES	NO						
L0000847	0	0.67256E-04	370967.2	3809936.0	490.5	5.00	4.65	
4.65	YES	NO						
L0000848	0	0.67256E-04	370957.4	3809934.3	490.5	5.00	4.65	
4.65	YES	NO						
L0000849	0	0.67256E-04	370947.5	3809932.6	490.4	5.00	4.65	
4.65	YES	NO						
L0000850	0	0.67256E-04	370937.7	3809930.8	490.4	5.00	4.65	
4.65	YES	NO						
L0000851	0	0.67256E-04	370927.8	3809929.1	490.3	5.00	4.65	
4.65	YES	NO						
L0000852	0	0.67256E-04	370918.0	3809927.4	490.3	5.00	4.65	
4.65	YES	NO						
L0000853	0	0.67256E-04	370908.1	3809925.7	490.2	5.00	4.65	
4.65	YES	NO						
L0000854	0	0.67256E-04	370898.2	3809924.0	490.2	5.00	4.65	
4.65	YES	NO						
L0000855	0	0.67256E-04	370888.4	3809922.3	490.1	5.00	4.65	
4.65	YES	NO						
L0000856	0	0.67256E-04	370878.5	3809920.6	490.1	5.00	4.65	
4.65	YES	NO						
L0000857	0	0.67256E-04	370868.7	3809918.9	490.1	5.00	4.65	
4.65	YES	NO						
L0000858	0	0.67256E-04	370858.8	3809917.2	490.0	5.00	4.65	
4.65	YES	NO						
L0000859	0	0.67256E-04	370849.0	3809915.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000860	0	0.67256E-04	370839.1	3809913.7	489.9	5.00	4.65	
4.65	YES	NO						
L0000861	0	0.67256E-04	370829.3	3809912.0	489.9	5.00	4.65	
4.65	YES	NO						
L0000862	0	0.67256E-04	370819.4	3809910.3	489.8	5.00	4.65	
4.65	YES	NO						
L0000863	0	0.67256E-04	370809.6	3809908.6	489.8	5.00	4.65	
4.65	YES	NO						
L0000864	0	0.67256E-04	370799.7	3809906.9	489.7	5.00	4.65	
4.65	YES	NO						
L0000865	0	0.67256E-04	370789.9	3809905.2	489.7	5.00	4.65	
4.65	YES	NO						
L0000866	0	0.67256E-04	370780.0	3809903.5	489.6	5.00	4.65	
4.65	YES	NO						
L0000867	0	0.67256E-04	370770.2	3809901.8	489.6	5.00	4.65	
4.65	YES	NO						
L0000868	0	0.67256E-04	370760.3	3809900.1	489.5	5.00	4.65	
4.65	YES	NO						
L0000869	0	0.67256E-04	370750.5	3809898.3	489.5	5.00	4.65	
4.65	YES	NO						
L0000870	0	0.67256E-04	370740.6	3809896.6	489.4	5.00	4.65	
4.65	YES	NO						

```
 L0000871         0   0.67256E-04  370730.8 3809894.9   489.4     5.00     4.65
4.65     YES                     NO
 L0000872         0   0.67256E-04  370720.9 3809893.2   489.3     5.00     4.65
4.65     YES                     NO
 L0000873         0   0.67256E-04  370711.0 3809891.5   489.3     5.00     4.65
4.65     YES                     NO
 L0000874         0   0.67256E-04  370701.2 3809889.8   489.2     5.00     4.65
4.65     YES                     NO
 L0000875         0   0.67256E-04  370691.3 3809888.1   489.2     5.00     4.65
4.65     YES                     NO
 L0000876         0   0.67256E-04  370681.5 3809886.4   489.1     5.00     4.65
4.65     YES                     NO
 L0000877         0   0.67256E-04  370671.6 3809884.7   489.1     5.00     4.65
4.65     YES                     NO
 L0000878         0   0.67256E-04  370661.8 3809882.9   489.0     5.00     4.65
4.65     YES                     NO
 L0000879         0   0.67256E-04  370651.9 3809881.2   489.0     5.00     4.65
4.65     YES                     NO
 L0000880         0   0.67256E-04  370642.1 3809879.5   488.9     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000881         0   0.67256E-04  370632.2 3809877.8   488.9     5.00     4.65
4.65     YES                     NO
 L0000882         0   0.67256E-04  370622.4 3809876.1   488.8     5.00     4.65
4.65     YES                     NO
 L0000883         0   0.67256E-04  370612.5 3809874.4   488.8     5.00     4.65
4.65     YES                     NO
 L0000884         0   0.67256E-04  370602.7 3809872.7   488.7     5.00     4.65
4.65     YES                     NO
 L0000885         0   0.67256E-04  370592.8 3809871.0   488.7     5.00     4.65
4.65     YES                     NO
```

L0000886	0	0.67256E-04	370583.0	3809869.3	488.7	5.00	4.65	
4.65	YES	NO						
L0000887	0	0.67256E-04	370580.0	3809860.7	488.9	5.00	4.65	
4.65	YES	NO						
L0000888	0	0.67256E-04	370578.4	3809850.8	489.1	5.00	4.65	
4.65	YES	NO						
L0000889	0	0.67256E-04	370576.7	3809841.0	489.3	5.00	4.65	
4.65	YES	NO						
L0000890	0	0.67256E-04	370575.1	3809831.1	489.6	5.00	4.65	
4.65	YES	NO						
L0000891	0	0.67256E-04	370570.0	3809823.8	489.7	5.00	4.65	
4.65	YES	NO						
L0000892	0	0.67256E-04	370561.0	3809819.3	489.8	5.00	4.65	
4.65	YES	NO						
L0000893	0	0.67256E-04	370552.1	3809814.9	489.8	5.00	4.65	
4.65	YES	NO						
L0000894	0	0.67256E-04	370543.1	3809810.4	489.8	5.00	4.65	
4.65	YES	NO						
L0000895	0	0.67256E-04	370534.2	3809805.9	489.8	5.00	4.65	
4.65	YES	NO						
L0000896	0	0.67256E-04	370525.2	3809801.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000897	0	0.67256E-04	370516.3	3809797.0	489.9	5.00	4.65	
4.65	YES	NO						
L0000898	0	0.67256E-04	370507.3	3809792.5	489.9	5.00	4.65	
4.65	YES	NO						
L0000899	0	0.67256E-04	370506.2	3809783.3	490.1	5.00	4.65	
4.65	YES	NO						
L0000900	0	0.67256E-04	370506.4	3809773.3	490.4	5.00	4.65	
4.65	YES	NO						
L0000901	0	0.67256E-04	370506.6	3809763.3	490.6	5.00	4.65	
4.65	YES	NO						
L0000902	0	0.67256E-04	370506.7	3809753.3	490.8	5.00	4.65	
4.65	YES	NO						
L0000903	0	0.67256E-04	370506.9	3809743.3	491.0	5.00	4.65	
4.65	YES	NO						
L0000904	0	0.67256E-04	370507.1	3809733.3	491.2	5.00	4.65	
4.65	YES	NO						
L0000905	0	0.67256E-04	370507.3	3809723.3	491.5	5.00	4.65	
4.65	YES	NO						
L0000906	0	0.67256E-04	370507.4	3809713.3	491.7	5.00	4.65	
4.65	YES	NO						
L0000907	0	0.67256E-04	370507.6	3809703.3	491.9	5.00	4.65	
4.65	YES	NO						
L0000908	0	0.67256E-04	370507.8	3809693.3	492.2	5.00	4.65	
4.65	YES	NO						
L0000909	0	0.67256E-04	370510.3	3809684.0	492.3	5.00	4.65	
4.65	YES	NO						
L0000910	0	0.67256E-04	370515.7	3809675.6	492.5	5.00	4.65	
4.65	YES	NO						

```
 L0000911         0   0.67256E-04  370521.4 3809667.5   492.6     5.00     4.65
4.65     YES                     NO
 L0000912         0   0.67256E-04  370529.9 3809662.2   492.9     5.00     4.65
4.65     YES                     NO
 L0000913         0   0.67256E-04  370538.4 3809657.0   493.1     5.00     4.65
4.65     YES                     NO
 L0000914         0   0.67256E-04  370546.9 3809651.7   493.4     5.00     4.65
4.65     YES                     NO
 L0000915         0   0.67256E-04  370555.4 3809646.4   493.6     5.00     4.65
4.65     YES                     NO
 L0000916         0   0.67256E-04  370563.9 3809641.2   493.9     5.00     4.65
4.65     YES                     NO
 L0000917         0   0.67256E-04  370572.4 3809635.9   494.1     5.00     4.65
4.65     YES                     NO
 L0000918         0   0.67256E-04  370580.9 3809630.6   494.4     5.00     4.65
4.65     YES                     NO
 L0000919         0   0.67256E-04  370589.4 3809625.3   494.6     5.00     4.65
4.65     YES                     NO
 L0000920         0   0.67256E-04  370597.9 3809620.1   494.8     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000921         0   0.67256E-04  370606.4 3809614.8   495.1     5.00     4.65
4.65     YES                     NO
 L0000922         0   0.67256E-04  370614.9 3809609.5   495.3     5.00     4.65
4.65     YES                     NO
 L0000923         0   0.67256E-04  370623.4 3809604.3   495.6     5.00     4.65
4.65     YES                     NO
 L0000924         0   0.67256E-04  370631.9 3809599.0   495.8     5.00     4.65
4.65     YES                     NO
 L0000925         0   0.67256E-04  370640.4 3809593.7   496.1     5.00     4.65
4.65     YES                     NO
```

L0000926	0	0.67256E-04	370648.9	3809588.4	496.3	5.00	4.65	
4.65	YES	NO						
L0000927	0	0.67256E-04	370657.4	3809583.2	496.5	5.00	4.65	
4.65	YES	NO						
L0000928	0	0.67256E-04	370665.9	3809577.9	496.8	5.00	4.65	
4.65	YES	NO						
L0000929	0	0.67256E-04	370674.4	3809572.6	497.0	5.00	4.65	
4.65	YES	NO						
L0000930	0	0.67256E-04	370682.9	3809567.4	497.3	5.00	4.65	
4.65	YES	NO						
L0000931	0	0.67256E-04	370691.4	3809562.1	497.5	5.00	4.65	
4.65	YES	NO						
L0000932	0	0.67256E-04	370699.9	3809556.8	497.8	5.00	4.65	
4.65	YES	NO						
L0000933	0	0.67256E-04	370708.4	3809551.5	498.0	5.00	4.65	
4.65	YES	NO						
L0000934	0	0.67256E-04	370716.9	3809546.3	498.2	5.00	4.65	
4.65	YES	NO						
L0000935	0	0.67256E-04	370725.4	3809541.0	498.5	5.00	4.65	
4.65	YES	NO						
L0000936	0	0.67256E-04	370733.9	3809535.7	498.7	5.00	4.65	
4.65	YES	NO						
L0000937	0	0.67256E-04	370742.4	3809530.5	499.0	5.00	4.65	
4.65	YES	NO						
L0000938	0	0.67256E-04	370750.9	3809525.2	499.2	5.00	4.65	
4.65	YES	NO						
L0000939	0	0.67256E-04	370759.4	3809519.9	499.5	5.00	4.65	
4.65	YES	NO						
L0000940	0	0.67256E-04	370767.9	3809514.6	499.7	5.00	4.65	
4.65	YES	NO						
L0000941	0	0.67256E-04	370776.4	3809509.4	500.0	5.00	4.65	
4.65	YES	NO						
L0000942	0	0.67256E-04	370784.9	3809504.1	500.2	5.00	4.65	
4.65	YES	NO						
L0000943	0	0.67256E-04	370793.3	3809498.8	500.4	5.00	4.65	
4.65	YES	NO						
L0000944	0	0.67256E-04	370801.8	3809493.6	500.7	5.00	4.65	
4.65	YES	NO						
L0000945	0	0.67256E-04	370809.1	3809486.8	500.9	5.00	4.65	
4.65	YES	NO						
L0000946	0	0.67256E-04	370816.0	3809479.5	501.0	5.00	4.65	
4.65	YES	NO						
L0000947	0	0.67256E-04	370822.9	3809472.3	501.1	5.00	4.65	
4.65	YES	NO						
L0000948	0	0.67256E-04	370829.8	3809465.1	501.2	5.00	4.65	
4.65	YES	NO						
L0000949	0	0.67256E-04	370836.7	3809457.8	501.4	5.00	4.65	
4.65	YES	NO						
L0000950	0	0.67256E-04	370841.2	3809449.8	501.5	5.00	4.65	
4.65	YES	NO						

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 L0000951         0   0.67256E-04  370840.5 3809439.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.67256E-04  370839.7 3809429.8   502.1     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.67256E-04  370838.9 3809419.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000954         0   0.67256E-04  370838.2 3809409.9   502.6     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.67256E-04  370837.4 3809399.9   502.9     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.67256E-04  370836.6 3809389.9   503.2     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.67256E-04  370839.1 3809383.1   503.4     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.67256E-04  370849.1 3809383.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.67256E-04  370859.0 3809384.5   503.3     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.67256E-04  370864.6 3809390.6   503.1     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000961         0   0.67256E-04  370867.2 3809400.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000962         0   0.67256E-04  370869.9 3809409.8   502.6     5.00     4.65
4.65     YES                    NO
 L0000963         0   0.67256E-04  370872.5 3809419.5   502.3     5.00     4.65
4.65     YES                    NO
 L0000964         0   0.67256E-04  370875.2 3809429.1   502.0     5.00     4.65
4.65     YES                    NO
 L0000965         0   0.67256E-04  370877.8 3809438.8   501.8     5.00     4.65
4.65     YES                    NO
```

L0000966	0	0.67256E-04	370880.5	3809448.4	501.5	5.00	4.65	
4.65	YES		NO					
L0000967	0	0.67256E-04	370884.0	3809457.4	501.2	5.00	4.65	
4.65	YES		NO					
L0000968	0	0.67256E-04	370892.2	3809463.2	500.9	5.00	4.65	
4.65	YES		NO					
L0000969	0	0.67256E-04	370900.3	3809469.1	500.5	5.00	4.65	
4.65	YES		NO					
L0000970	0	0.67256E-04	370908.5	3809474.9	500.1	5.00	4.65	
4.65	YES		NO					
L0000971	0	0.67256E-04	370916.6	3809480.7	499.8	5.00	4.65	
4.65	YES		NO					
L0000972	0	0.67256E-04	370925.7	3809483.4	499.5	5.00	4.65	
4.65	YES		NO					
L0000973	0	0.67256E-04	370935.7	3809483.4	499.3	5.00	4.65	
4.65	YES		NO					
L0000974	0	0.67256E-04	370945.7	3809483.4	499.2	5.00	4.65	
4.65	YES		NO					
L0000975	0	0.67256E-04	370955.7	3809483.4	499.0	5.00	4.65	
4.65	YES		NO					
L0000976	0	0.67256E-04	370965.7	3809483.4	498.8	5.00	4.65	
4.65	YES		NO					
L0000977	0	0.67256E-04	370975.7	3809483.4	498.7	5.00	4.65	
4.65	YES		NO					
L0000978	0	0.67256E-04	370985.7	3809483.4	498.5	5.00	4.65	
4.65	YES		NO					
L0000979	0	0.67256E-04	370995.7	3809483.4	498.4	5.00	4.65	
4.65	YES		NO					
L0000980	0	0.67256E-04	371005.7	3809483.4	498.2	5.00	4.65	
4.65	YES		NO					
L0000981	0	0.67256E-04	371015.7	3809483.4	498.0	5.00	4.65	
4.65	YES		NO					
L0000982	0	0.67256E-04	371025.7	3809483.4	497.9	5.00	4.65	
4.65	YES		NO					
L0000983	0	0.67256E-04	371035.7	3809483.4	497.7	5.00	4.65	
4.65	YES		NO					
L0000984	0	0.67256E-04	371045.7	3809483.4	497.5	5.00	4.65	
4.65	YES		NO					
L0000985	0	0.67256E-04	371055.7	3809483.4	497.4	5.00	4.65	
4.65	YES		NO					
L0000986	0	0.67256E-04	371062.0	3809487.0	497.2	5.00	4.65	
4.65	YES		NO					
L0000987	0	0.67256E-04	371061.6	3809497.0	497.0	5.00	4.65	
4.65	YES		NO					
L0000988	0	0.67256E-04	371061.3	3809507.0	496.9	5.00	4.65	
4.65	YES		NO					
L0000989	0	0.67256E-04	371061.0	3809517.0	496.7	5.00	4.65	
4.65	YES		NO					
L0000990	0	0.67256E-04	371060.7	3809527.0	496.5	5.00	4.65	
4.65	YES		NO					

```
 L0000991         0   0.67256E-04  371060.3 3809537.0   496.4     5.00     4.65
4.65     YES                     NO
 L0000992         0   0.67256E-04  371060.0 3809547.0   496.2     5.00     4.65
4.65     YES                     NO
 L0000993         0   0.67256E-04  371059.7 3809557.0   496.0     5.00     4.65
4.65     YES                     NO
 L0000994         0   0.67256E-04  371059.4 3809567.0   495.9     5.00     4.65
4.65     YES                     NO
 L0000995         0   0.67256E-04  371059.1 3809577.0   495.7     5.00     4.65
4.65     YES                     NO
 L0000996         0   0.67256E-04  371058.7 3809587.0   495.5     5.00     4.65
4.65     YES                     NO
 L0000997         0   0.67256E-04  371058.4 3809597.0   495.3     5.00     4.65
4.65     YES                     NO
 L0000998         0   0.67256E-04  371058.1 3809607.0   495.2     5.00     4.65
4.65     YES                     NO
 L0000999         0   0.67256E-04  371057.8 3809617.0   495.0     5.00     4.65
4.65     YES                     NO
 L0001000         0   0.67256E-04  371057.5 3809627.0   494.8     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001001         0   0.67256E-04  371057.1 3809637.0   494.7     5.00     4.65
4.65     YES                     NO
 L0001002         0   0.67256E-04  371056.8 3809647.0   494.5     5.00     4.65
4.65     YES                     NO
 L0001003         0   0.67256E-04  371056.5 3809656.9   494.3     5.00     4.65
4.65     YES                     NO
 L0001004         0   0.67256E-04  371056.2 3809666.9   494.2     5.00     4.65
4.65     YES                     NO
 L0001005         0   0.67256E-04  371055.9 3809676.9   494.0     5.00     4.65
4.65     YES                     NO
```

L0001006	0	0.67256E-04	371055.5	3809686.9	493.8	5.00	4.65	4.65
YES		NO						
L0001007	0	0.67256E-04	371055.2	3809696.9	493.7	5.00	4.65	4.65
YES		NO						
L0001008	0	0.67256E-04	371054.9	3809706.9	493.5	5.00	4.65	4.65
YES		NO						
L0001009	0	0.67256E-04	371054.6	3809716.9	493.3	5.00	4.65	4.65
YES		NO						
L0001010	0	0.67256E-04	371054.2	3809726.9	493.1	5.00	4.65	4.65
YES		NO						
L0001011	0	0.67256E-04	371053.9	3809736.9	493.0	5.00	4.65	4.65
YES		NO						
L0001012	0	0.67256E-04	371053.6	3809746.9	492.8	5.00	4.65	4.65
YES		NO						
L0001013	0	0.67256E-04	371053.3	3809756.9	492.6	5.00	4.65	4.65
YES		NO						
L0001014	0	0.67256E-04	371053.0	3809766.9	492.5	5.00	4.65	4.65
YES		NO						
L0001015	0	0.67256E-04	371052.6	3809776.9	492.3	5.00	4.65	4.65
YES		NO						
L0001016	0	0.67256E-04	371052.3	3809786.9	492.1	5.00	4.65	4.65
YES		NO						
L0001017	0	0.67256E-04	371052.0	3809796.9	492.0	5.00	4.65	4.65
YES		NO						
L0001018	0	0.67256E-04	371051.7	3809806.9	491.8	5.00	4.65	4.65
YES		NO						
L0001019	0	0.67256E-04	371051.4	3809816.9	491.6	5.00	4.65	4.65
YES		NO						
L0001020	0	0.67256E-04	371051.0	3809826.9	491.4	5.00	4.65	4.65
YES		NO						
L0001021	0	0.67256E-04	371050.7	3809836.9	491.3	5.00	4.65	4.65
YES		NO						
L0001022	0	0.67256E-04	371050.4	3809846.8	491.1	5.00	4.65	4.65
YES		NO						
L0001023	0	0.67256E-04	371050.1	3809856.8	490.9	5.00	4.65	4.65
YES		NO						
L0001024	0	0.67256E-04	371049.8	3809866.8	490.8	5.00	4.65	4.65
YES		NO						
L0001025	0	0.67256E-04	371049.4	3809876.8	490.6	5.00	4.65	4.65
YES		NO						
L0001026	0	0.67256E-04	371049.1	3809886.8	490.4	5.00	4.65	4.65
YES		NO						
L0001027	0	0.67256E-04	371048.8	3809896.8	490.3	5.00	4.65	4.65
YES		NO						
L0001028	0	0.67256E-04	371048.5	3809906.8	490.1	5.00	4.65	4.65
YES		NO						
L0001029	0	0.67256E-04	371048.1	3809916.8	489.9	5.00	4.65	4.65
YES		NO						
L0001030	0	0.67256E-04	371047.8	3809926.8	489.8	5.00	4.65	4.65
YES		NO						

 L0001031   0   0.67256E-04 371041.0 3809928.7   489.7   5.00   4.65
4.65   YES   NO
 L0001032   0   0.67256E-04 371031.2 3809926.8   489.7   5.00   4.65
4.65   YES   NO
 L0001033   0   0.67256E-04 371021.4 3809924.9   489.7   5.00   4.65
4.65   YES   NO
 L0001034   0   0.67256E-04 371011.5 3809923.0   489.7   5.00   4.65
4.65   YES   NO
 L0001035   0   0.67256E-04 371001.7 3809921.2   489.7   5.00   4.65
4.65   YES   NO
 L0001036   0   0.67256E-04 370991.9 3809919.3   489.7   5.00   4.65
4.65   YES   NO
 L0001037   0   0.67256E-04 370982.1 3809917.4   489.7   5.00   4.65
4.65   YES   NO
 L0001038   0   0.67256E-04 370972.3 3809915.5   489.7   5.00   4.65
4.65   YES   NO
 L0001039   0   0.67256E-04 370962.4 3809913.6   489.7   5.00   4.65
4.65   YES   NO
 L0001040   0   0.67256E-04 370952.6 3809911.8   489.7   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- - - - - - - - - - - - - - - - - - - -

 L0001041   0   0.67256E-04 370942.8 3809909.9   489.7   5.00   4.65
4.65   YES   NO
 L0001042   0   0.67256E-04 370933.0 3809908.0   489.7   5.00   4.65
4.65   YES   NO
 L0001043   0   0.67256E-04 370923.2 3809906.1   489.7   5.00   4.65
4.65   YES   NO
 L0001044   0   0.67256E-04 370913.3 3809904.2   489.7   5.00   4.65
4.65   YES   NO
 L0001045   0   0.67256E-04 370903.5 3809902.4   489.7   5.00   4.65
4.65   YES   NO

L0001046	0	0.67256E-04	370893.7	3809900.5	489.7	5.00	4.65	4.65
YES		NO						
L0001047	0	0.67256E-04	370883.9	3809898.6	489.7	5.00	4.65	4.65
YES		NO						
L0001048	0	0.67256E-04	370874.0	3809896.7	489.7	5.00	4.65	4.65
YES		NO						
L0001049	0	0.67256E-04	370864.2	3809894.8	489.7	5.00	4.65	4.65
YES		NO						
L0001050	0	0.67256E-04	370854.4	3809893.0	489.7	5.00	4.65	4.65
YES		NO						
L0001051	0	0.67256E-04	370844.6	3809891.1	489.7	5.00	4.65	4.65
YES		NO						
L0001052	0	0.67256E-04	370834.8	3809889.2	489.7	5.00	4.65	4.65
YES		NO						
L0001053	0	0.67256E-04	370824.9	3809887.3	489.7	5.00	4.65	4.65
YES		NO						
L0001054	0	0.67256E-04	370815.1	3809885.4	489.7	5.00	4.65	4.65
YES		NO						
L0001055	0	0.67256E-04	370805.3	3809883.6	489.7	5.00	4.65	4.65
YES		NO						
L0001056	0	0.67256E-04	370795.5	3809881.7	489.7	5.00	4.65	4.65
YES		NO						
L0001057	0	0.67256E-04	370785.7	3809879.8	489.7	5.00	4.65	4.65
YES		NO						
L0001058	0	0.67256E-04	370775.8	3809877.9	489.7	5.00	4.65	4.65
YES		NO						
L0001059	0	0.67256E-04	370766.0	3809876.0	489.7	5.00	4.65	4.65
YES		NO						
L0001060	0	0.67256E-04	370756.2	3809874.1	489.7	5.00	4.65	4.65
YES		NO						
L0001061	0	0.67256E-04	370746.4	3809872.3	489.7	5.00	4.65	4.65
YES		NO						
L0001062	0	0.67256E-04	370736.5	3809870.4	489.7	5.00	4.65	4.65
YES		NO						
L0001063	0	0.67256E-04	370726.7	3809868.5	489.7	5.00	4.65	4.65
YES		NO						
L0001064	0	0.67256E-04	370716.9	3809866.6	489.7	5.00	4.65	4.65
YES		NO						
L0001065	0	0.67256E-04	370707.1	3809864.7	489.7	5.00	4.65	4.65
YES		NO						
L0001066	0	0.67256E-04	370697.3	3809862.9	489.7	5.00	4.65	4.65
YES		NO						
L0001067	0	0.67256E-04	370687.4	3809861.0	489.7	5.00	4.65	4.65
YES		NO						
L0001068	0	0.67256E-04	370677.6	3809859.1	489.8	5.00	4.65	4.65
YES		NO						
L0001069	0	0.67256E-04	370667.8	3809857.2	489.8	5.00	4.65	4.65
YES		NO						
L0001070	0	0.67256E-04	370658.0	3809855.3	489.8	5.00	4.65	4.65
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001071	0	0.67256E-04	370648.2	3809853.5	489.8	5.00	4.65	4.65	YES	NO	
L0001072	0	0.67256E-04	370638.3	3809851.6	489.8	5.00	4.65	4.65	YES	NO	
L0001073	0	0.67256E-04	370628.5	3809849.7	489.8	5.00	4.65	4.65	YES	NO	
L0001074	0	0.67256E-04	370623.8	3809842.0	489.9	5.00	4.65	4.65	YES	NO	
L0001075	0	0.67256E-04	370620.6	3809832.5	490.0	5.00	4.65	4.65	YES	NO	
L0001076	0	0.67256E-04	370617.5	3809823.0	490.1	5.00	4.65	4.65	YES	NO	
L0001077	0	0.67256E-04	370614.3	3809813.5	490.3	5.00	4.65	4.65	YES	NO	
L0001078	0	0.67256E-04	370611.2	3809804.0	490.4	5.00	4.65	4.65	YES	NO	
L0001079	0	0.67256E-04	370604.2	3809797.7	490.5	5.00	4.65	4.65	YES	NO	
L0001080	0	0.67256E-04	370595.4	3809793.0	490.6	5.00	4.65	4.65	YES	NO	
L0001081	0	0.67256E-04	370586.6	3809788.3	490.7	5.00	4.65	4.65	YES	NO	
L0001082	0	0.67256E-04	370577.7	3809783.6	490.7	5.00	4.65	4.65	YES	NO	
L0001083	0	0.67256E-04	370568.9	3809779.0	490.8	5.00	4.65	4.65	YES	NO	
L0001084	0	0.67256E-04	370560.1	3809774.3	490.9	5.00	4.65	4.65	YES	NO	
L0001085	0	0.67256E-04	370552.6	3809768.7	491.0	5.00	4.65	4.65	YES	NO	

L0001086	0	0.67256E-04	370552.1	3809758.7	491.1	5.00	4.65	
4.65	YES	NO						
L0001087	0	0.67256E-04	370551.5	3809748.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001088	0	0.67256E-04	370551.0	3809738.7	491.3	5.00	4.65	
4.65	YES	NO						
L0001089	0	0.67256E-04	370550.4	3809728.8	491.4	5.00	4.65	
4.65	YES	NO						
L0001090	0	0.67256E-04	370549.8	3809718.8	491.5	5.00	4.65	
4.65	YES	NO						
L0001091	0	0.67256E-04	370549.3	3809708.8	491.6	5.00	4.65	
4.65	YES	NO						
L0001092	0	0.67256E-04	370555.0	3809702.1	491.8	5.00	4.65	
4.65	YES	NO						
L0001093	0	0.67256E-04	370563.5	3809696.7	492.0	5.00	4.65	
4.65	YES	NO						
L0001094	0	0.67256E-04	370572.0	3809691.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001095	0	0.67256E-04	370580.5	3809686.1	492.5	5.00	4.65	
4.65	YES	NO						
L0001096	0	0.67256E-04	370588.9	3809680.8	492.7	5.00	4.65	
4.65	YES	NO						
L0001097	0	0.67256E-04	370597.4	3809675.5	493.0	5.00	4.65	
4.65	YES	NO						
L0001098	0	0.67256E-04	370605.9	3809670.2	493.2	5.00	4.65	
4.65	YES	NO						
L0001099	0	0.67256E-04	370614.3	3809664.8	493.4	5.00	4.65	
4.65	YES	NO						
L0001100	0	0.67256E-04	370622.8	3809659.5	493.7	5.00	4.65	
4.65	YES	NO						
L0001101	0	0.67256E-04	370631.3	3809654.2	493.9	5.00	4.65	
4.65	YES	NO						
L0001102	0	0.67256E-04	370639.7	3809648.9	494.2	5.00	4.65	
4.65	YES	NO						
L0001103	0	0.67256E-04	370648.2	3809643.6	494.4	5.00	4.65	
4.65	YES	NO						
L0001104	0	0.67256E-04	370656.7	3809638.2	494.6	5.00	4.65	
4.65	YES	NO						
L0001105	0	0.67256E-04	370665.1	3809632.9	494.9	5.00	4.65	
4.65	YES	NO						
L0001106	0	0.67256E-04	370673.6	3809627.6	495.1	5.00	4.65	
4.65	YES	NO						
L0001107	0	0.67256E-04	370682.1	3809622.3	495.3	5.00	4.65	
4.65	YES	NO						
L0001108	0	0.67256E-04	370690.5	3809617.0	495.6	5.00	4.65	
4.65	YES	NO						
L0001109	0	0.67256E-04	370699.0	3809611.6	495.8	5.00	4.65	
4.65	YES	NO						
L0001110	0	0.67256E-04	370707.5	3809606.3	496.1	5.00	4.65	
4.65	YES	NO						

 L0001111   0   0.67256E-04 370715.9 3809601.0   496.3   5.00   4.65
4.65   YES   NO
 L0001112   0   0.67256E-04 370724.4 3809595.7   496.5   5.00   4.65
4.65   YES   NO
 L0001113   0   0.67256E-04 370732.9 3809590.4   496.8   5.00   4.65
4.65   YES   NO
 L0001114   0   0.67256E-04 370741.3 3809585.1   497.0   5.00   4.65
4.65   YES   NO
 L0001115   0   0.67256E-04 370749.8 3809579.7   497.2   5.00   4.65
4.65   YES   NO
 L0001116   0   0.67256E-04 370758.3 3809574.4   497.5   5.00   4.65
4.65   YES   NO
 L0001117   0   0.67256E-04 370766.8 3809569.1   497.7   5.00   4.65
4.65   YES   NO
 L0001118   0   0.67256E-04 370775.2 3809563.8   497.9   5.00   4.65
4.65   YES   NO
 L0001119   0   0.67256E-04 370783.7 3809558.5   498.2   5.00   4.65
4.65   YES   NO
 L0001120   0   0.67256E-04 370792.2 3809553.1   498.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001121   0   0.67256E-04 370800.6 3809547.8   498.7   5.00   4.65
4.65   YES   NO
 L0001122   0   0.67256E-04 370809.1 3809542.5   498.9   5.00   4.65
4.65   YES   NO
 L0001123   0   0.67256E-04 370817.6 3809537.2   499.1   5.00   4.65
4.65   YES   NO
 L0001124   0   0.67256E-04 370826.0 3809531.9   499.4   5.00   4.65
4.65   YES   NO
 L0001125   0   0.67256E-04 370834.5 3809526.5   499.6   5.00   4.65
4.65   YES   NO

L0001126	0	0.67256E-04	370843.0	3809521.2	499.8	5.00	4.65	4.65
YES		NO						
L0001127	0	0.67256E-04	370852.9	3809521.0	499.7	5.00	4.65	4.65
YES		NO						
L0001128	0	0.67256E-04	370862.9	3809520.9	499.6	5.00	4.65	4.65
YES		NO						
L0001129	0	0.67256E-04	370872.9	3809520.8	499.4	5.00	4.65	4.65
YES		NO						
L0001130	0	0.67256E-04	370882.9	3809520.7	499.3	5.00	4.65	4.65
YES		NO						
L0001131	0	0.67256E-04	370892.9	3809520.6	499.1	5.00	4.65	4.65
YES		NO						
L0001132	0	0.67256E-04	370902.9	3809520.5	499.0	5.00	4.65	4.65
YES		NO						
L0001133	0	0.67256E-04	370912.9	3809520.4	498.8	5.00	4.65	4.65
YES		NO						
L0001134	0	0.67256E-04	370922.9	3809520.3	498.7	5.00	4.65	4.65
YES		NO						
L0001135	0	0.67256E-04	370932.9	3809520.2	498.5	5.00	4.65	4.65
YES		NO						
L0001136	0	0.67256E-04	370942.9	3809520.1	498.4	5.00	4.65	4.65
YES		NO						
L0001137	0	0.67256E-04	370952.9	3809520.0	498.2	5.00	4.65	4.65
YES		NO						
L0001138	0	0.67256E-04	370962.9	3809519.9	498.1	5.00	4.65	4.65
YES		NO						
L0001139	0	0.67256E-04	370972.9	3809519.8	497.9	5.00	4.65	4.65
YES		NO						
L0001140	0	0.67256E-04	370982.9	3809519.7	497.8	5.00	4.65	4.65
YES		NO						
L0001141	0	0.67256E-04	370992.9	3809519.6	497.6	5.00	4.65	4.65
YES		NO						
L0001142	0	0.67256E-04	371002.9	3809519.5	497.5	5.00	4.65	4.65
YES		NO						
L0001143	0	0.67256E-04	371012.9	3809519.4	497.3	5.00	4.65	4.65
YES		NO						
L0001144	0	0.67256E-04	371022.6	3809519.5	497.2	5.00	4.65	4.65
YES		NO						
L0001145	0	0.67256E-04	371022.2	3809529.5	497.0	5.00	4.65	4.65
YES		NO						
L0001146	0	0.67256E-04	371021.8	3809539.5	496.8	5.00	4.65	4.65
YES		NO						
L0001147	0	0.67256E-04	371021.4	3809549.5	496.6	5.00	4.65	4.65
YES		NO						
L0001148	0	0.67256E-04	371021.0	3809559.5	496.4	5.00	4.65	4.65
YES		NO						
L0001149	0	0.67256E-04	371020.7	3809569.5	496.2	5.00	4.65	4.65
YES		NO						
L0001150	0	0.67256E-04	371020.3	3809579.5	496.0	5.00	4.65	4.65
YES		NO						

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 L0001151         0   0.67256E-04  371019.9 3809589.5   495.8     5.00     4.65
4.65     YES                    NO
 L0001152         0   0.67256E-04  371019.5 3809599.5   495.6     5.00     4.65
4.65     YES                    NO
 L0001153         0   0.67256E-04  371019.1 3809609.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001154         0   0.67256E-04  371018.7 3809619.5   495.1     5.00     4.65
4.65     YES                    NO
 L0001155         0   0.67256E-04  371018.3 3809629.5   494.9     5.00     4.65
4.65     YES                    NO
 L0001156         0   0.67256E-04  371017.9 3809639.5   494.7     5.00     4.65
4.65     YES                    NO
 L0001157         0   0.67256E-04  371017.5 3809649.4   494.5     5.00     4.65
4.65     YES                    NO
 L0001158         0   0.67256E-04  371017.1 3809659.4   494.3     5.00     4.65
4.65     YES                    NO
 L0001159         0   0.67256E-04  371016.8 3809669.4   494.1     5.00     4.65
4.65     YES                    NO
 L0001160         0   0.67256E-04  371016.4 3809679.4   493.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001161         0   0.67256E-04  371016.0 3809689.4   493.7     5.00     4.65
4.65     YES                    NO
 L0001162         0   0.67256E-04  371015.6 3809699.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001163         0   0.67256E-04  371015.2 3809709.4   493.3     5.00     4.65
4.65     YES                    NO
 L0001164         0   0.67256E-04  371014.8 3809719.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001165         0   0.67256E-04  371014.4 3809729.4   492.9     5.00     4.65
4.65     YES                    NO
```

L0001166	0	0.67256E-04	371014.0	3809739.4	492.7	5.00	4.65	
4.65	YES	NO						
L0001167	0	0.67256E-04	371013.6	3809749.4	492.5	5.00	4.65	
4.65	YES	NO						
L0001168	0	0.67256E-04	371013.2	3809759.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001169	0	0.67256E-04	371012.9	3809769.4	492.1	5.00	4.65	
4.65	YES	NO						
L0001170	0	0.67256E-04	371012.5	3809779.3	491.9	5.00	4.65	
4.65	YES	NO						
L0001171	0	0.67256E-04	371012.1	3809789.3	491.7	5.00	4.65	
4.65	YES	NO						
L0001172	0	0.67256E-04	371011.7	3809799.3	491.5	5.00	4.65	
4.65	YES	NO						
L0001173	0	0.67256E-04	371011.3	3809809.3	491.2	5.00	4.65	
4.65	YES	NO						
L0001174	0	0.67256E-04	371010.9	3809819.3	491.1	5.00	4.65	
4.65	YES	NO						
L0001175	0	0.67256E-04	371010.5	3809829.3	490.8	5.00	4.65	
4.65	YES	NO						
L0001176	0	0.67256E-04	371010.1	3809839.3	490.6	5.00	4.65	
4.65	YES	NO						
L0001177	0	0.67256E-04	371009.7	3809849.3	490.4	5.00	4.65	
4.65	YES	NO						
L0001178	0	0.67256E-04	371009.3	3809859.3	490.2	5.00	4.65	
4.65	YES	NO						
L0001179	0	0.67256E-04	371009.0	3809869.3	490.0	5.00	4.65	
4.65	YES	NO						
L0001180	0	0.67256E-04	371008.6	3809879.3	489.8	5.00	4.65	
4.65	YES	NO						
L0001181	0	0.67256E-04	371006.0	3809886.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001182	0	0.67256E-04	370996.2	3809884.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001183	0	0.67256E-04	370986.3	3809882.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001184	0	0.67256E-04	370976.5	3809880.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001185	0	0.67256E-04	370966.7	3809878.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001186	0	0.67256E-04	370956.9	3809876.9	489.8	5.00	4.65	
4.65	YES	NO						
L0001187	0	0.67256E-04	370947.1	3809875.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001188	0	0.67256E-04	370937.3	3809873.1	489.9	5.00	4.65	
4.65	YES	NO						
L0001189	0	0.67256E-04	370927.4	3809871.2	489.9	5.00	4.65	
4.65	YES	NO						
L0001190	0	0.67256E-04	370917.6	3809869.3	489.9	5.00	4.65	
4.65	YES	NO						

 L0001191   0   0.67256E-04 370907.8 3809867.4   489.9   5.00   4.65
4.65   YES   NO
 L0001192   0   0.67256E-04 370898.0 3809865.5   490.0   5.00   4.65
4.65   YES   NO
 L0001193   0   0.67256E-04 370888.2 3809863.6   490.0   5.00   4.65
4.65   YES   NO
 L0001194   0   0.67256E-04 370878.4 3809861.7   490.0   5.00   4.65
4.65   YES   NO
 L0001195   0   0.67256E-04 370868.5 3809859.8   490.1   5.00   4.65
4.65   YES   NO
 L0001196   0   0.67256E-04 370858.7 3809857.9   490.1   5.00   4.65
4.65   YES   NO
 L0001197   0   0.67256E-04 370848.9 3809855.9   490.1   5.00   4.65
4.65   YES   NO
 L0001198   0   0.67256E-04 370839.1 3809854.0   490.1   5.00   4.65
4.65   YES   NO
 L0001199   0   0.67256E-04 370829.3 3809852.1   490.2   5.00   4.65
4.65   YES   NO
 L0001200   0   0.67256E-04 370819.5 3809850.2   490.2   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001201   0   0.67256E-04 370809.6 3809848.3   490.2   5.00   4.65
4.65   YES   NO
 L0001202   0   0.67256E-04 370799.8 3809846.4   490.2   5.00   4.65
4.65   YES   NO
 L0001203   0   0.67256E-04 370790.0 3809844.5   490.3   5.00   4.65
4.65   YES   NO
 L0001204   0   0.67256E-04 370780.2 3809842.6   490.3   5.00   4.65
4.65   YES   NO
 L0001205   0   0.67256E-04 370770.4 3809840.7   490.3   5.00   4.65
4.65   YES   NO

L0001206	0	0.67256E-04	370760.6	3809838.8	490.4	5.00	4.65	4.65
YES		NO						
L0001207	0	0.67256E-04	370750.8	3809836.9	490.4	5.00	4.65	4.65
YES		NO						
L0001208	0	0.67256E-04	370740.9	3809834.9	490.4	5.00	4.65	4.65
YES		NO						
L0001209	0	0.67256E-04	370731.1	3809833.0	490.4	5.00	4.65	4.65
YES		NO						
L0001210	0	0.67256E-04	370721.3	3809831.1	490.5	5.00	4.65	4.65
YES		NO						
L0001211	0	0.67256E-04	370711.5	3809829.2	490.5	5.00	4.65	4.65
YES		NO						
L0001212	0	0.67256E-04	370701.7	3809827.3	490.5	5.00	4.65	4.65
YES		NO						
L0001213	0	0.67256E-04	370691.9	3809825.4	490.6	5.00	4.65	4.65
YES		NO						
L0001214	0	0.67256E-04	370682.9	3809821.8	490.6	5.00	4.65	4.65
YES		NO						
L0001215	0	0.67256E-04	370675.5	3809815.0	490.7	5.00	4.65	4.65
YES		NO						
L0001216	0	0.67256E-04	370668.2	3809808.2	490.8	5.00	4.65	4.65
YES		NO						
L0001217	0	0.67256E-04	370660.8	3809801.5	490.9	5.00	4.65	4.65
YES		NO						
L0001218	0	0.67256E-04	370653.5	3809794.7	491.0	5.00	4.65	4.65
YES		NO						
L0001219	0	0.67256E-04	370646.2	3809787.9	491.1	5.00	4.65	4.65
YES		NO						
L0001220	0	0.67256E-04	370638.8	3809781.1	491.2	5.00	4.65	4.65
YES		NO						
L0001221	0	0.67256E-04	370631.5	3809774.3	491.3	5.00	4.65	4.65
YES		NO						
L0001222	0	0.67256E-04	370624.1	3809767.5	491.4	5.00	4.65	4.65
YES		NO						
L0001223	0	0.67256E-04	370616.8	3809760.8	491.5	5.00	4.65	4.65
YES		NO						
L0001224	0	0.67256E-04	370609.9	3809753.5	491.7	5.00	4.65	4.65
YES		NO						
L0001225	0	0.67256E-04	370603.1	3809746.1	491.9	5.00	4.65	4.65
YES		NO						
L0001226	0	0.67256E-04	370596.4	3809738.8	492.1	5.00	4.65	4.65
YES		NO						
L0001227	0	0.67256E-04	370595.8	3809729.0	492.3	5.00	4.65	4.65
YES		NO						
L0001228	0	0.67256E-04	370595.8	3809719.0	492.5	5.00	4.65	4.65
YES		NO						
L0001229	0	0.67256E-04	370603.7	3809713.4	492.7	5.00	4.65	4.65
YES		NO						
L0001230	0	0.67256E-04	370612.2	3809708.1	492.9	5.00	4.65	4.65
YES		NO						

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 L0001231         0   0.67256E-04  370620.7 3809702.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.67256E-04  370629.2 3809697.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.67256E-04  370637.7 3809692.3   493.4     5.00     4.65
4.65     YES                    NO
 L0001234         0   0.67256E-04  370646.2 3809687.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.67256E-04  370654.6 3809681.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.67256E-04  370663.1 3809676.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.67256E-04  370671.6 3809671.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.67256E-04  370680.1 3809665.9   494.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.67256E-04  370688.6 3809660.6   494.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.67256E-04  370697.1 3809655.3   494.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001241         0   0.67256E-04  370705.6 3809650.1   495.0     5.00     4.65
4.65     YES                    NO
 L0001242         0   0.67256E-04  370714.1 3809644.8   495.2     5.00     4.65
4.65     YES                    NO
 L0001243         0   0.67256E-04  370722.6 3809639.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001244         0   0.67256E-04  370731.1 3809634.2   495.6     5.00     4.65
4.65     YES                    NO
 L0001245         0   0.67256E-04  370739.6 3809629.0   495.8     5.00     4.65
4.65     YES                    NO
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L0001246	0	0.67256E-04	370748.1	3809623.7	496.0	5.00	4.65	4.65
YES		NO						
L0001247	0	0.67256E-04	370756.6	3809618.4	496.2	5.00	4.65	4.65
YES		NO						
L0001248	0	0.67256E-04	370765.1	3809613.1	496.4	5.00	4.65	4.65
YES		NO						
L0001249	0	0.67256E-04	370773.6	3809607.8	496.6	5.00	4.65	4.65
YES		NO						
L0001250	0	0.67256E-04	370782.1	3809602.6	496.7	5.00	4.65	4.65
YES		NO						
L0001251	0	0.67256E-04	370790.5	3809597.3	496.9	5.00	4.65	4.65
YES		NO						
L0001252	0	0.67256E-04	370799.0	3809592.0	497.1	5.00	4.65	4.65
YES		NO						
L0001253	0	0.67256E-04	370807.5	3809586.7	497.3	5.00	4.65	4.65
YES		NO						
L0001254	0	0.67256E-04	370816.0	3809581.5	497.5	5.00	4.65	4.65
YES		NO						
L0001255	0	0.67256E-04	370824.5	3809576.2	497.7	5.00	4.65	4.65
YES		NO						
L0001256	0	0.67256E-04	370833.0	3809570.9	497.9	5.00	4.65	4.65
YES		NO						
L0001257	0	0.67256E-04	370841.5	3809565.6	498.1	5.00	4.65	4.65
YES		NO						
L0001258	0	0.67256E-04	370850.6	3809562.3	498.2	5.00	4.65	4.65
YES		NO						
L0001259	0	0.67256E-04	370860.6	3809562.3	498.0	5.00	4.65	4.65
YES		NO						
L0001260	0	0.67256E-04	370870.6	3809562.3	497.9	5.00	4.65	4.65
YES		NO						
L0001261	0	0.67256E-04	370880.6	3809562.3	497.7	5.00	4.65	4.65
YES		NO						
L0001262	0	0.67256E-04	370890.6	3809562.3	497.6	5.00	4.65	4.65
YES		NO						
L0001263	0	0.67256E-04	370900.6	3809562.3	497.4	5.00	4.65	4.65
YES		NO						
L0001264	0	0.67256E-04	370910.6	3809562.3	497.3	5.00	4.65	4.65
YES		NO						
L0001265	0	0.67256E-04	370920.6	3809562.3	497.1	5.00	4.65	4.65
YES		NO						
L0001266	0	0.67256E-04	370930.6	3809562.3	497.0	5.00	4.65	4.65
YES		NO						
L0001267	0	0.67256E-04	370940.6	3809562.3	496.8	5.00	4.65	4.65
YES		NO						
L0001268	0	0.67256E-04	370950.6	3809562.3	496.7	5.00	4.65	4.65
YES		NO						
L0001269	0	0.67256E-04	370960.6	3809562.3	496.5	5.00	4.65	4.65
YES		NO						
L0001270	0	0.67256E-04	370968.8	3809564.0	496.4	5.00	4.65	4.65
YES		NO						

 L0001271   0   0.67256E-04 370968.7 3809574.0   496.2   5.00   4.65
4.65   YES   NO
 L0001272   0   0.67256E-04 370968.7 3809584.0   495.9   5.00   4.65
4.65   YES   NO
 L0001273   0   0.67256E-04 370968.6 3809594.0   495.7   5.00   4.65
4.65   YES   NO
 L0001274   0   0.67256E-04 370968.5 3809604.0   495.4   5.00   4.65
4.65   YES   NO
 L0001275   0   0.67256E-04 370968.5 3809614.0   495.2   5.00   4.65
4.65   YES   NO
 L0001276   0   0.67256E-04 370968.4 3809624.0   495.0   5.00   4.65
4.65   YES   NO
 L0001277   0   0.67256E-04 370968.4 3809634.0   494.7   5.00   4.65
4.65   YES   NO
 L0001278   0   0.67256E-04 370968.3 3809644.0   494.5   5.00   4.65
4.65   YES   NO
 L0001279   0   0.67256E-04 370968.2 3809654.0   494.3   5.00   4.65
4.65   YES   NO
 L0001280   0   0.67256E-04 370968.2 3809664.0   494.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001281   0   0.67256E-04 370968.1 3809674.0   493.8   5.00   4.65
4.65   YES   NO
 L0001282   0   0.67256E-04 370968.0 3809684.0   493.6   5.00   4.65
4.65   YES   NO
 L0001283   0   0.67256E-04 370968.0 3809694.0   493.3   5.00   4.65
4.65   YES   NO
 L0001284   0   0.67256E-04 370967.9 3809704.0   493.1   5.00   4.65
4.65   YES   NO
 L0001285   0   0.67256E-04 370967.9 3809714.0   492.9   5.00   4.65
4.65   YES   NO

L0001286	0	0.67256E-04	370967.8	3809724.0	492.6	5.00	4.65	
4.65	YES	NO						
L0001287	0	0.67256E-04	370967.7	3809734.0	492.4	5.00	4.65	
4.65	YES	NO						
L0001288	0	0.67256E-04	370967.7	3809744.0	492.2	5.00	4.65	
4.65	YES	NO						
L0001289	0	0.67256E-04	370967.6	3809754.0	491.9	5.00	4.65	
4.65	YES	NO						
L0001290	0	0.67256E-04	370967.5	3809764.0	491.7	5.00	4.65	
4.65	YES	NO						
L0001291	0	0.67256E-04	370967.5	3809774.0	491.5	5.00	4.65	
4.65	YES	NO						
L0001292	0	0.67256E-04	370967.4	3809784.0	491.2	5.00	4.65	
4.65	YES	NO						
L0001293	0	0.67256E-04	370967.4	3809794.0	491.0	5.00	4.65	
4.65	YES	NO						
L0001294	0	0.67256E-04	370967.3	3809804.0	490.8	5.00	4.65	
4.65	YES	NO						
L0001295	0	0.67256E-04	370967.2	3809814.0	490.5	5.00	4.65	
4.65	YES	NO						
L0001296	0	0.67256E-04	370967.2	3809824.0	490.3	5.00	4.65	
4.65	YES	NO						
L0001297	0	0.67256E-04	370967.1	3809834.0	490.1	5.00	4.65	
4.65	YES	NO						
L0001298	0	0.67256E-04	370967.0	3809844.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001299	0	0.67256E-04	370960.6	3809846.2	489.8	5.00	4.65	
4.65	YES	NO						
L0001300	0	0.67256E-04	370950.8	3809844.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001301	0	0.67256E-04	370940.9	3809842.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001302	0	0.67256E-04	370931.1	3809840.4	490.0	5.00	4.65	
4.65	YES	NO						
L0001303	0	0.67256E-04	370921.3	3809838.5	490.1	5.00	4.65	
4.65	YES	NO						
L0001304	0	0.67256E-04	370911.5	3809836.5	490.2	5.00	4.65	
4.65	YES	NO						
L0001305	0	0.67256E-04	370901.7	3809834.6	490.2	5.00	4.65	
4.65	YES	NO						
L0001306	0	0.67256E-04	370891.9	3809832.7	490.3	5.00	4.65	
4.65	YES	NO						
L0001307	0	0.67256E-04	370882.1	3809830.7	490.4	5.00	4.65	
4.65	YES	NO						
L0001308	0	0.67256E-04	370872.3	3809828.8	490.4	5.00	4.65	
4.65	YES	NO						
L0001309	0	0.67256E-04	370862.5	3809826.9	490.5	5.00	4.65	
4.65	YES	NO						
L0001310	0	0.67256E-04	370852.6	3809824.9	490.6	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001311	0	0.67256E-04	370842.8	3809823.0	490.7	5.00	4.65	4.65	YES	NO	
L0001312	0	0.67256E-04	370833.0	3809821.1	490.7	5.00	4.65	4.65	YES	NO	
L0001313	0	0.67256E-04	370823.2	3809819.1	490.8	5.00	4.65	4.65	YES	NO	
L0001314	0	0.67256E-04	370813.4	3809817.2	490.9	5.00	4.65	4.65	YES	NO	
L0001315	0	0.67256E-04	370803.6	3809815.3	491.0	5.00	4.65	4.65	YES	NO	
L0001316	0	0.67256E-04	370793.8	3809813.3	491.0	5.00	4.65	4.65	YES	NO	
L0001317	0	0.67256E-04	370784.0	3809811.4	491.1	5.00	4.65	4.65	YES	NO	
L0001318	0	0.67256E-04	370774.1	3809809.5	491.2	5.00	4.65	4.65	YES	NO	
L0001319	0	0.67256E-04	370764.3	3809807.5	491.2	5.00	4.65	4.65	YES	NO	
L0001320	0	0.67256E-04	370754.5	3809805.6	491.3	5.00	4.65	4.65	YES	NO	
L0001321	0	0.67256E-04	370744.7	3809803.7	491.4	5.00	4.65	4.65	YES	NO	
L0001322	0	0.67256E-04	370734.9	3809801.8	491.5	5.00	4.65	4.65	YES	NO	
L0001323	0	0.67256E-04	370726.3	3809797.4	491.6	5.00	4.65	4.65	YES	NO	
L0001324	0	0.67256E-04	370718.8	3809790.8	491.7	5.00	4.65	4.65	YES	NO	
L0001325	0	0.67256E-04	370711.2	3809784.2	491.9	5.00	4.65	4.65	YES	NO	

L0001326	0	0.67256E-04	370703.7	3809777.7	492.0	5.00	4.65	
4.65	YES	NO						
L0001327	0	0.67256E-04	370696.1	3809771.1	492.1	5.00	4.65	
4.65	YES	NO						
L0001328	0	0.67256E-04	370688.6	3809764.5	492.3	5.00	4.65	
4.65	YES	NO						
L0001329	0	0.67256E-04	370681.1	3809757.9	492.4	5.00	4.65	
4.65	YES	NO						
L0001330	0	0.67256E-04	370673.5	3809751.4	492.6	5.00	4.65	
4.65	YES	NO						
L0001331	0	0.67256E-04	370666.0	3809744.8	492.7	5.00	4.65	
4.65	YES	NO						
L0001332	0	0.67256E-04	370662.3	3809738.4	492.9	5.00	4.65	
4.65	YES	NO						
L0001333	0	0.67256E-04	370670.4	3809732.5	493.1	5.00	4.65	
4.65	YES	NO						
L0001334	0	0.67256E-04	370678.5	3809726.6	493.4	5.00	4.65	
4.65	YES	NO						
L0001335	0	0.67256E-04	370686.6	3809720.7	493.6	5.00	4.65	
4.65	YES	NO						
L0001336	0	0.67256E-04	370694.6	3809714.8	493.8	5.00	4.65	
4.65	YES	NO						
L0001337	0	0.67256E-04	370702.7	3809708.9	494.1	5.00	4.65	
4.65	YES	NO						
L0001338	0	0.67256E-04	370710.8	3809703.0	494.3	5.00	4.65	
4.65	YES	NO						
L0001339	0	0.67256E-04	370718.9	3809697.1	494.5	5.00	4.65	
4.65	YES	NO						
L0001340	0	0.67256E-04	370727.0	3809691.2	494.8	5.00	4.65	
4.65	YES	NO						
L0001341	0	0.67256E-04	370735.0	3809685.3	495.0	5.00	4.65	
4.65	YES	NO						
L0001342	0	0.67256E-04	370743.1	3809679.4	495.3	5.00	4.65	
4.65	YES	NO						
L0001343	0	0.67256E-04	370751.2	3809673.6	495.5	5.00	4.65	
4.65	YES	NO						
L0001344	0	0.67256E-04	370759.3	3809667.7	495.7	5.00	4.65	
4.65	YES	NO						
L0001345	0	0.67256E-04	370767.3	3809661.8	496.0	5.00	4.65	
4.65	YES	NO						
L0001346	0	0.67256E-04	370775.4	3809655.9	496.2	5.00	4.65	
4.65	YES	NO						
L0001347	0	0.67256E-04	370783.5	3809650.0	496.4	5.00	4.65	
4.65	YES	NO						
L0001348	0	0.67256E-04	370791.6	3809644.1	496.7	5.00	4.65	
4.65	YES	NO						
L0001349	0	0.67256E-04	370800.2	3809639.0	496.8	5.00	4.65	
4.65	YES	NO						
L0001350	0	0.67256E-04	370808.9	3809634.1	496.8	5.00	4.65	
4.65	YES	NO						

```
 L0001351         0   0.67256E-04  370817.6 3809629.1   496.9     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.67256E-04  370826.3 3809624.2   496.9     5.00     4.65
4.65     YES                    NO
 L0001353         0   0.67256E-04  370835.0 3809619.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001354         0   0.67256E-04  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.67256E-04  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.67256E-04  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.67256E-04  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.67256E-04  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.67256E-04  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.67256E-04  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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- - - - - - - - - - - - - - - - - - - -

 L0001361         0   0.67256E-04  370907.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 L0001362         0   0.67256E-04  370917.1 3809589.2   497.1     5.00     4.65
4.65     YES                    NO
 L0001363         0   0.67256E-04  370927.1 3809589.2   497.0     5.00     4.65
4.65     YES                    NO
 L0001364         0   0.67256E-04  370936.5 3809589.7   496.9     5.00     4.65
4.65     YES                    NO
 L0001365         0   0.67256E-04  370936.4 3809599.7   496.6     5.00     4.65
4.65     YES                    NO
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L0001366	0	0.67256E-04	370936.2	3809609.7	496.3	5.00	4.65	
4.65	YES	NO						
L0001367	0	0.67256E-04	370936.0	3809619.7	496.1	5.00	4.65	
4.65	YES	NO						
L0001368	0	0.67256E-04	370935.9	3809629.7	495.8	5.00	4.65	
4.65	YES	NO						
L0001369	0	0.67256E-04	370935.7	3809639.7	495.5	5.00	4.65	
4.65	YES	NO						
L0001370	0	0.67256E-04	370935.6	3809649.7	495.2	5.00	4.65	
4.65	YES	NO						
L0001371	0	0.67256E-04	370935.4	3809659.7	494.9	5.00	4.65	
4.65	YES	NO						
L0001372	0	0.67256E-04	370935.2	3809669.7	494.6	5.00	4.65	
4.65	YES	NO						
L0001373	0	0.67256E-04	370935.1	3809679.7	494.4	5.00	4.65	
4.65	YES	NO						
L0001374	0	0.67256E-04	370934.9	3809689.7	494.1	5.00	4.65	
4.65	YES	NO						
L0001375	0	0.67256E-04	370934.8	3809699.7	493.8	5.00	4.65	
4.65	YES	NO						
L0001376	0	0.67256E-04	370934.6	3809709.7	493.5	5.00	4.65	
4.65	YES	NO						
L0001377	0	0.67256E-04	370934.4	3809719.7	493.2	5.00	4.65	
4.65	YES	NO						
L0001378	0	0.67256E-04	370934.3	3809729.7	492.9	5.00	4.65	
4.65	YES	NO						
L0001379	0	0.67256E-04	370934.1	3809739.7	492.6	5.00	4.65	
4.65	YES	NO						
L0001380	0	0.67256E-04	370934.0	3809749.7	492.4	5.00	4.65	
4.65	YES	NO						
L0001381	0	0.67256E-04	370933.8	3809759.7	492.1	5.00	4.65	
4.65	YES	NO						
L0001382	0	0.67256E-04	370933.6	3809769.7	491.8	5.00	4.65	
4.65	YES	NO						
L0001383	0	0.67256E-04	370933.5	3809779.7	491.5	5.00	4.65	
4.65	YES	NO						
L0001384	0	0.67256E-04	370933.3	3809789.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001385	0	0.67256E-04	370933.2	3809799.7	490.9	5.00	4.65	
4.65	YES	NO						
L0001386	0	0.67256E-04	370933.0	3809809.7	490.7	5.00	4.65	
4.65	YES	NO						
L0001387	0	0.67256E-04	370926.8	3809811.9	490.6	5.00	4.65	
4.65	YES	NO						
L0001388	0	0.67256E-04	370917.1	3809809.5	490.7	5.00	4.65	
4.65	YES	NO						
L0001389	0	0.67256E-04	370907.4	3809807.1	490.8	5.00	4.65	
4.65	YES	NO						
L0001390	0	0.67256E-04	370897.7	3809804.8	490.9	5.00	4.65	
4.65	YES	NO						

 L0001391   0   0.67256E-04 370888.0 3809802.4   491.1   5.00   4.65
4.65   YES   NO
 L0001392   0   0.67256E-04 370878.3 3809800.0   491.2   5.00   4.65
4.65   YES   NO
 L0001393   0   0.67256E-04 370868.5 3809797.6   491.3   5.00   4.65
4.65   YES   NO
 L0001394   0   0.67256E-04 370858.8 3809795.2   491.4   5.00   4.65
4.65   YES   NO
 L0001395   0   0.67256E-04 370849.1 3809792.8   491.5   5.00   4.65
4.65   YES   NO
 L0001396   0   0.67256E-04 370839.4 3809790.5   491.6   5.00   4.65
4.65   YES   NO
 L0001397   0   0.67256E-04 370829.7 3809788.1   491.7   5.00   4.65
4.65   YES   NO
 L0001398   0   0.67256E-04 370820.0 3809785.7   491.8   5.00   4.65
4.65   YES   NO
 L0001399   0   0.67256E-04 370810.3 3809783.3   491.9   5.00   4.65
4.65   YES   NO
 L0001400   0   0.67256E-04 370800.6 3809780.9   492.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001401   0   0.67256E-04 370790.8 3809778.6   492.2   5.00   4.65
4.65   YES   NO
 L0001402   0   0.67256E-04 370781.1 3809776.2   492.3   5.00   4.65
4.65   YES   NO
 L0001403   0   0.67256E-04 370771.4 3809773.8   492.4   5.00   4.65
4.65   YES   NO
 L0001404   0   0.67256E-04 370761.7 3809771.4   492.5   5.00   4.65
4.65   YES   NO
 L0001405   0   0.67256E-04 370752.0 3809769.0   492.6   5.00   4.65
4.65   YES   NO

L0001406	0	0.67256E-04	370744.9	3809762.4	492.8	5.00	4.65	4.65
YES		NO						
L0001407	0	0.67256E-04	370738.5	3809754.8	493.0	5.00	4.65	4.65
YES		NO						
L0001408	0	0.67256E-04	370732.1	3809747.1	493.2	5.00	4.65	4.65
YES		NO						
L0001409	0	0.67256E-04	370733.8	3809737.3	493.2	5.00	4.65	4.65
YES		NO						
L0001410	0	0.67256E-04	370735.6	3809727.4	493.2	5.00	4.65	4.65
YES		NO						
L0001411	0	0.67256E-04	370743.9	3809721.9	493.4	5.00	4.65	4.65
YES		NO						
L0001412	0	0.67256E-04	370752.3	3809716.4	493.5	5.00	4.65	4.65
YES		NO						
L0001413	0	0.67256E-04	370760.7	3809710.9	493.6	5.00	4.65	4.65
YES		NO						
L0001414	0	0.67256E-04	370769.0	3809705.5	493.8	5.00	4.65	4.65
YES		NO						
L0001415	0	0.67256E-04	370777.4	3809700.0	493.9	5.00	4.65	4.65
YES		NO						
L0001416	0	0.67256E-04	370785.7	3809694.5	494.0	5.00	4.65	4.65
YES		NO						
L0001417	0	0.67256E-04	370794.1	3809689.0	494.2	5.00	4.65	4.65
YES		NO						
L0001418	0	0.67256E-04	370802.5	3809683.5	494.3	5.00	4.65	4.65
YES		NO						
L0001419	0	0.67256E-04	370810.8	3809678.1	494.4	5.00	4.65	4.65
YES		NO						
L0001420	0	0.67256E-04	370819.2	3809672.6	494.5	5.00	4.65	4.65
YES		NO						
L0001421	0	0.67256E-04	370827.6	3809667.1	494.7	5.00	4.65	4.65
YES		NO						
L0001422	0	0.67256E-04	370835.9	3809661.6	494.8	5.00	4.65	4.65
YES		NO						
L0001423	0	0.67256E-04	370844.3	3809656.2	494.9	5.00	4.65	4.65
YES		NO						
L0001424	0	0.67256E-04	370852.7	3809650.7	495.1	5.00	4.65	4.65
YES		NO						
L0001425	0	0.67256E-04	370861.0	3809645.2	495.2	5.00	4.65	4.65
YES		NO						
L0001426	0	0.67256E-04	370869.4	3809639.7	495.3	5.00	4.65	4.65
YES		NO						
L0001427	0	0.67256E-04	370877.8	3809634.2	495.5	5.00	4.65	4.65
YES		NO						
L0001428	0	0.67256E-04	370886.1	3809628.8	495.6	5.00	4.65	4.65
YES		NO						
L0001429	0	0.67256E-04	370895.6	3809625.6	496.2	5.00	4.65	4.65
YES		NO						
L0001430	0	0.67256E-04	370902.4	3809626.1	496.5	5.00	4.65	4.65
YES		NO						

```
 L0001431         0   0.67256E-04  370902.4 3809636.1   496.2     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.67256E-04  370902.4 3809646.1   495.9     5.00     4.65
4.65     YES                    NO
 L0001433         0   0.67256E-04  370902.4 3809656.1   495.6     5.00     4.65
4.65     YES                    NO
 L0001434         0   0.67256E-04  370902.4 3809666.1   495.3     5.00     4.65
4.65     YES                    NO
 L0001435         0   0.67256E-04  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.67256E-04  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.67256E-04  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.67256E-04  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.67256E-04  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.67256E-04  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                  PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001441         0   0.67256E-04  370902.4 3809736.1   493.0     5.00     4.65
4.65     YES                    NO
 L0001442         0   0.67256E-04  370902.4 3809746.1   492.7     5.00     4.65
4.65     YES                    NO
 L0001443         0   0.67256E-04  370902.4 3809756.1   492.4     5.00     4.65
4.65     YES                    NO
 L0001444         0   0.67256E-04  370902.4 3809766.1   492.1     5.00     4.65
4.65     YES                    NO
 L0001445         0   0.67256E-04  370902.4 3809776.1   491.8     5.00     4.65
4.65     YES                    NO
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L0001446	0	0.67256E-04	370895.9	3809777.9	491.7	5.00	4.65	4.65
YES		NO						
L0001447	0	0.67256E-04	370886.1	3809775.7	491.8	5.00	4.65	4.65
YES		NO						
L0001448	0	0.67256E-04	370876.3	3809773.6	491.9	5.00	4.65	4.65
YES		NO						
L0001449	0	0.67256E-04	370866.6	3809771.4	492.0	5.00	4.65	4.65
YES		NO						
L0001450	0	0.67256E-04	370856.8	3809769.2	492.1	5.00	4.65	4.65
YES		NO						
L0001451	0	0.67256E-04	370847.0	3809767.1	492.2	5.00	4.65	4.65
YES		NO						
L0001452	0	0.67256E-04	370837.3	3809764.9	492.3	5.00	4.65	4.65
YES		NO						
L0001453	0	0.67256E-04	370827.5	3809762.8	492.4	5.00	4.65	4.65
YES		NO						
L0001454	0	0.67256E-04	370817.7	3809760.6	492.5	5.00	4.65	4.65
YES		NO						
L0001455	0	0.67256E-04	370808.0	3809758.5	492.6	5.00	4.65	4.65
YES		NO						
L0001456	0	0.67256E-04	370798.2	3809756.3	492.7	5.00	4.65	4.65
YES		NO						
L0001457	0	0.67256E-04	370788.4	3809754.2	492.8	5.00	4.65	4.65
YES		NO						
L0001458	0	0.67256E-04	370781.4	3809750.8	492.9	5.00	4.65	4.65
YES		NO						
L0001459	0	0.67256E-04	370786.5	3809742.2	493.1	5.00	4.65	4.65
YES		NO						
L0001460	0	0.67256E-04	370791.5	3809733.5	493.4	5.00	4.65	4.65
YES		NO						
L0001461	0	0.67256E-04	370798.7	3809726.9	493.6	5.00	4.65	4.65
YES		NO						
L0001462	0	0.67256E-04	370807.0	3809721.2	493.7	5.00	4.65	4.65
YES		NO						
L0001463	0	0.67256E-04	370815.2	3809715.5	493.9	5.00	4.65	4.65
YES		NO						
L0001464	0	0.67256E-04	370823.4	3809709.8	494.1	5.00	4.65	4.65
YES		NO						
L0001465	0	0.67256E-04	370831.6	3809704.1	494.2	5.00	4.65	4.65
YES		NO						
L0001466	0	0.67256E-04	370839.8	3809698.4	494.4	5.00	4.65	4.65
YES		NO						
L0001467	0	0.67256E-04	370848.0	3809692.7	494.5	5.00	4.65	4.65
YES		NO						
L0001468	0	0.67256E-04	370856.2	3809687.0	494.7	5.00	4.65	4.65
YES		NO						
L0001469	0	0.67256E-04	370864.4	3809681.2	494.9	5.00	4.65	4.65
YES		NO						
L0001470	0	0.67256E-04	370872.6	3809675.5	495.0	5.00	4.65	4.65
YES		NO						

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 L0001471         0   0.67256E-04  370875.5 3809679.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.67256E-04  370875.5 3809689.9   494.6     5.00     4.65
4.65     YES                    NO
 L0001473         0   0.67256E-04  370875.5 3809699.9   494.3     5.00     4.65
4.65     YES                    NO
 L0001474         0   0.67256E-04  370875.5 3809709.9   494.0     5.00     4.65
4.65     YES                    NO
 L0001475         0   0.67256E-04  370875.5 3809719.9   493.7     5.00     4.65
4.65     YES                    NO
 L0001476         0   0.67256E-04  370875.5 3809729.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001477         0   0.67256E-04  370875.5 3809739.9   493.2     5.00     4.65
4.65     YES                    NO
 L0001478         0   0.67256E-04  370869.1 3809743.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001479         0   0.67256E-04  370859.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001480         0   0.67256E-04  370849.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

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L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

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L0000038    , L0000039    , L0000040    ,
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             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
	L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,
	L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,
	L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,

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L0000286    , L0000287    , L0000288    ,

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L0000294    , L0000295    , L0000296    ,

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L0000318    , L0000319    , L0000320    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0000334    , L0000335    , L0000336    ,

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L0000342    , L0000343    , L0000344    ,

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L0000350    , L0000351    , L0000352    ,

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L0000398    , L0000399    , L0000400    ,

             L0000401    , L0000402    , L0000403    , L0000404    , L0000405    ,
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
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L0000638   , L0000639   , L0000640   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0000726    , L0000727    , L0000728    ,

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L0000734    , L0000735    , L0000736    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
	L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
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	L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,
	L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,
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	L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,
	L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,
	L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0000998 , L0000999 , L0001000 ,

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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0001398    , L0001399    , L0001400    ,

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L0001438    , L0001439    , L0001440    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                  SOURCE IDs
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L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
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             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
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L0000086    , L0000087    , L0000088    ,

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L0000110    , L0000111    , L0000112    ,

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L0000118    , L0000119    , L0000120    ,

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L0000150    , L0000151    , L0000152    ,

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L0000158    , L0000159    , L0000160    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
		L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
		L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
		L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
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		L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
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		L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,
		L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,
		L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,
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L0000318   , L0000319   , L0000320   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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L0000342   , L0000343   , L0000344   ,

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L0000406    , L0000407    , L0000408    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 ,
		L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
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		L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 ,
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,
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		L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,
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                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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L0000982   , L0000983   , L0000984   ,

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L0000990   , L0000991   , L0000992   ,

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             L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
L0001102    , L0001103    , L0001104    ,

             L0001105    , L0001106    , L0001107    , L0001108    , L0001109    ,
L0001110    , L0001111    , L0001112    ,

             L0001113    , L0001114    , L0001115    , L0001116    , L0001117    ,
L0001118    , L0001119    , L0001120    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 ,
		L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,
		L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,
		L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,
		L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,
		L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,
		L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,
		L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,
		L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,
		L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,
		L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,
		L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 ,
		L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 ,
		L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 , L0001232 ,
		L0001233 , L0001234 , L0001235 , L0001236 , L0001237 ,

L0001238   , L0001239   , L0001240   ,

             L0001241   , L0001242   , L0001243   , L0001244   , L0001245   ,
L0001246   , L0001247   , L0001248   ,

             L0001249   , L0001250   , L0001251   , L0001252   , L0001253   ,
L0001254   , L0001255   , L0001256   ,

             L0001257   , L0001258   , L0001259   , L0001260   , L0001261   ,
L0001262   , L0001263   , L0001264   ,

             L0001265   , L0001266   , L0001267   , L0001268   , L0001269   ,
L0001270   , L0001271   , L0001272   ,

             L0001273   , L0001274   , L0001275   , L0001276   , L0001277   ,
L0001278   , L0001279   , L0001280   ,

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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             L0001281   , L0001282   , L0001283   , L0001284   , L0001285   ,
L0001286   , L0001287   , L0001288   ,

             L0001289   , L0001290   , L0001291   , L0001292   , L0001293   ,
L0001294   , L0001295   , L0001296   ,

             L0001297   , L0001298   , L0001299   , L0001300   , L0001301   ,
L0001302   , L0001303   , L0001304   ,

             L0001305   , L0001306   , L0001307   , L0001308   , L0001309   ,
L0001310   , L0001311   , L0001312   ,

             L0001313   , L0001314   , L0001315   , L0001316   , L0001317   ,
L0001318   , L0001319   , L0001320   ,

             L0001321   , L0001322   , L0001323   , L0001324   , L0001325   ,
L0001326   , L0001327   , L0001328   ,

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             L0001329    , L0001330    , L0001331    , L0001332    , L0001333    ,
L0001334    , L0001335    , L0001336    ,

             L0001337    , L0001338    , L0001339    , L0001340    , L0001341    ,
L0001342    , L0001343    , L0001344    ,

             L0001345    , L0001346    , L0001347    , L0001348    , L0001349    ,
L0001350    , L0001351    , L0001352    ,

             L0001353    , L0001354    , L0001355    , L0001356    , L0001357    ,
L0001358    , L0001359    , L0001360    ,

             L0001361    , L0001362    , L0001363    , L0001364    , L0001365    ,
L0001366    , L0001367    , L0001368    ,

             L0001369    , L0001370    , L0001371    , L0001372    , L0001373    ,
L0001374    , L0001375    , L0001376    ,

             L0001377    , L0001378    , L0001379    , L0001380    , L0001381    ,
L0001382    , L0001383    , L0001384    ,

             L0001385    , L0001386    , L0001387    , L0001388    , L0001389    ,
L0001390    , L0001391    , L0001392    ,

             L0001393    , L0001394    , L0001395    , L0001396    , L0001397    ,
L0001398    , L0001399    , L0001400    ,

             L0001401    , L0001402    , L0001403    , L0001404    , L0001405    ,
L0001406    , L0001407    , L0001408    ,

             L0001409    , L0001410    , L0001411    , L0001412    , L0001413    ,
L0001414    , L0001415    , L0001416    ,

             L0001417    , L0001418    , L0001419    , L0001420    , L0001421    ,
L0001422    , L0001423    , L0001424    ,

             L0001425    , L0001426    , L0001427    , L0001428    , L0001429    ,
L0001430    , L0001431    , L0001432    ,

             L0001433    , L0001434    , L0001435    , L0001436    , L0001437    ,
L0001438    , L0001439    , L0001440    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,

L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,

L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 ,

L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 ,

L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370795.7, 3808683.7, 533.8, 1482.1, 0.0); (370772.5, 3808674.5, 533.1, 1482.1, 0.0);
(370799.8, 3808653.9, 533.1, 1482.1, 0.0); (370749.3, 3808665.2, 532.8, 1482.1, 0.0);
(370767.6, 3808645.4, 532.3, 1482.1, 0.0); (370788.8, 3808631.5, 532.8, 1482.1, 0.0);
(370815.6, 3808629.1, 534.3, 1482.1, 0.0); (370726.1, 3808655.9, 533.5, 1482.1, 0.0);
(370744.4, 3808636.1, 533.5, 1482.1, 0.0); (370762.7, 3808616.4, 533.5, 1482.1, 0.0);
(370786.7, 3808608.2, 534.4, 1482.1, 0.0); (370813.5, 3808605.8, 536.0, 1482.1, 0.0);
(370633.2, 3808618.8, 536.2, 1482.1, 0.0); (370651.5, 3808599.0, 538.8, 1482.1, 0.0);
(370669.8, 3808579.3, 539.8, 1482.1, 0.0); (370688.1, 3808559.5, 538.3, 1482.1, 0.0);
(370706.4, 3808539.8, 540.2, 1482.1, 0.0); (370733.7,

3808519.2,   545.1,   1482.1,   0.0);
     (370760.5, 3808516.9,   547.8,   1482.1,   0.0);   (370787.3,
3808514.5,   547.4,   1482.1,   0.0);
     (370814.1, 3808512.1,   546.6,   1482.1,   0.0);   (370841.0,
3808509.7,   545.9,   1482.1,   0.0);
     (370540.4, 3808581.7,   537.2,   1482.1,   0.0);   (370558.7,
3808561.9,   540.3,   1482.1,   0.0);
     (370577.0, 3808542.2,   541.3,   1482.1,   0.0);   (370595.3,
3808522.4,   542.9,   1482.1,   0.0);
     (370613.6, 3808502.7,   547.6,   1482.1,   0.0);   (370631.9,
3808482.9,   546.6,   1482.1,   0.0);
     (370650.2, 3808463.2,   545.5,   1482.1,   0.0);   (370668.5,
3808443.4,   544.1,   1482.1,   0.0);
     (370689.6, 3808429.5,   543.1,   1482.1,   0.0);   (370716.4,
3808427.1,   543.8,   1482.1,   0.0);
     (370743.2, 3808424.7,   538.5,   1482.1,   0.0);   (370770.1,
3808422.3,   534.3,   1482.1,   0.0);
     (370796.9, 3808419.9,   532.2,   1482.1,   0.0);   (370823.7,
3808417.5,   533.2,   1482.1,   0.0);
     (370850.5, 3808415.1,   540.3,   1482.1,   0.0);   (370877.3,
3808412.7,   551.8,   1482.1,   0.0);
     (370447.5, 3808544.6,   536.4,   1482.1,   0.0);   (370465.8,
3808524.8,   539.5,   1482.1,   0.0);
     (370484.1, 3808505.1,   541.0,   1482.1,   0.0);   (370502.4,
3808485.3,   542.5,   1482.1,   0.0);
     (370520.7, 3808465.6,   537.2,   1482.1,   0.0);   (370539.0,
3808445.8,   536.3,   1482.1,   0.0);
     (370557.3, 3808426.1,   529.3,   1482.1,   0.0);   (370575.6,
3808406.3,   526.5,   1482.1,   0.0);
     (370593.9, 3808386.6,   524.9,   1482.1,   0.0);   (370612.2,
3808366.8,   528.6,   1482.1,   0.0);
     (370630.5, 3808347.1,   530.9,   1482.1,   0.0);   (370654.5,
3808338.9,   520.3,   1482.1,   0.0);
     (370681.3, 3808336.5,   528.1,   1482.1,   0.0);   (370708.1,
3808334.1,   523.6,   1482.1,   0.0);
     (370735.0, 3808331.7,   521.4,   1482.1,   0.0);   (370761.8,
3808329.3,   523.2,   1482.1,   0.0);
     (370788.6, 3808326.9,   524.7,   1482.1,   0.0);   (370815.4,
3808324.5,   527.8,   1482.1,   0.0);
     (370842.2, 3808322.1,   533.1,   1482.1,   0.0);   (370869.1,
3808319.8,   537.2,   1482.1,   0.0);
     (370895.9, 3808317.4,   540.2,   1482.1,   0.0);   (370354.6,
3808507.5,   523.5,   1482.1,   0.0);
     (370372.9, 3808487.8,   523.7,   1482.1,   0.0);   (370391.2,
3808468.0,   524.7,   1482.1,   0.0);
     (370409.5, 3808448.2,   527.2,   1482.1,   0.0);   (370427.8,
3808428.5,   526.9,   1482.1,   0.0);
     (370446.1, 3808408.7,   520.6,   1482.1,   0.0);   (370464.5,
3808389.0,   527.6,   1482.1,   0.0);
     (370482.8, 3808369.2,   530.6,   1482.1,   0.0);   (370501.0,

3808349.5,   526.3,   1482.1,   0.0);
     (370519.3, 3808329.7,   517.1,   1482.1,   0.0);   (370537.6,
3808310.0,   516.7,   1482.1,   0.0);
     (370556.0, 3808290.2,   517.1,   1482.1,   0.0);   (370574.2,
3808270.5,   520.9,   1482.1,   0.0);
     (370601.5, 3808249.9,   513.5,   1482.1,   0.0);   (370628.3,
3808247.5,   514.2,   1482.1,   0.0);
     (370655.1, 3808245.1,   514.5,   1482.1,   0.0);   (370682.0,
3808242.8,   514.8,   1482.1,   0.0);
     (370708.8, 3808240.4,   515.8,   1482.1,   0.0);   (370735.6,
3808238.0,   517.5,   1482.1,   0.0);
     (370762.4, 3808235.6,   519.4,   1482.1,   0.0);   (370789.2,
3808233.2,   522.2,   1482.1,   0.0);
     (370816.1, 3808230.8,   523.1,   1482.1,   0.0);   (370842.9,
3808228.4,   528.1,   1482.1,   0.0);
     (370869.7, 3808226.0,   531.8,   1482.1,   0.0);   (370896.5,
3808223.6,   531.2,   1482.1,   0.0);
     (370923.3, 3808221.2,   533.9,   1482.1,   0.0);   (370261.8,
3808470.4,   519.4,   1482.1,   0.0);
     (370280.1, 3808450.6,   514.9,   1482.1,   0.0);   (370298.4,
3808430.9,   508.1,   1482.1,   0.0);
     (370316.7, 3808411.1,   507.6,   1482.1,   0.0);   (370335.0,
3808391.4,   508.7,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370353.3, 3808371.6,   509.0,   1482.1,   0.0);   (370371.6,
3808351.9,   510.8,   1482.1,   0.0);
     (370389.9, 3808332.1,   519.8,   1482.1,   0.0);   (370408.2,
3808312.4,   525.1,   1482.1,   0.0);
     (370426.5, 3808292.6,   522.6,   1482.1,   0.0);   (370444.8,
3808272.9,   517.3,   1482.1,   0.0);
     (370463.1, 3808253.1,   513.3,   1482.1,   0.0);   (370481.4,
3808233.4,   510.7,   1482.1,   0.0);
     (370499.7, 3808213.6,   509.9,   1482.1,   0.0);   (370518.0,
3808193.9,   509.2,   1482.1,   0.0);
     (370536.3, 3808174.1,   509.2,   1482.1,   0.0);   (370557.4,
3808160.2,   509.4,   1482.1,   0.0);
     (370584.3, 3808157.8,   510.4,   1482.1,   0.0);   (370611.1,
3808155.4,   510.9,   1482.1,   0.0);
     (370637.9, 3808153.0,   511.7,   1482.1,   0.0);   (370664.7,

3808150.6,   512.5,   1482.1,   0.0);
     (370691.5, 3808148.2,   514.9,   1482.1,   0.0);   (370718.4,
3808145.8,   517.7,   1482.1,   0.0);
     (370745.2, 3808143.4,   525.1,   1482.1,   0.0);   (370772.0,
3808141.0,   535.7,   1482.1,   0.0);
     (370798.8, 3808138.6,   542.7,   1482.1,   0.0);   (370825.6,
3808136.2,   545.6,   1482.1,   0.0);
     (370852.5, 3808133.8,   544.2,   1482.1,   0.0);   (370879.3,
3808131.4,   545.2,   1482.1,   0.0);
     (370906.1, 3808129.0,   555.5,   1482.1,   0.0);   (370932.9,
3808126.6,   569.5,   1482.1,   0.0);
     (370959.7, 3808124.2,   574.1,   1482.1,   0.0);   (370784.7,
3808704.5,   532.4,   1482.1,   0.0);
     (370779.1, 3808743.4,   531.3,   1482.1,   0.0);   (370760.0,
3808700.9,   533.1,   1482.1,   0.0);
     (370754.3, 3808739.8,   531.9,   1482.1,   0.0);   (370735.2,
3808697.3,   531.5,   1482.1,   0.0);
     (370729.6, 3808736.2,   528.3,   1482.1,   0.0);   (370713.6,
3808682.3,   533.3,   1482.1,   0.0);
     (370707.7, 3808713.2,   527.7,   1482.1,   0.0);   (370702.0,
3808752.1,   526.5,   1482.1,   0.0);
     (370615.6, 3808664.2,   534.9,   1482.1,   0.0);   (370608.7,
3808698.8,   531.0,   1482.1,   0.0);
     (370603.1, 3808737.8,   528.7,   1482.1,   0.0);   (370517.1,
3808648.0,   536.5,   1482.1,   0.0);
     (370526.3, 3808613.8,   536.4,   1482.1,   0.0);   (370509.8,
3808684.5,   534.6,   1482.1,   0.0);
     (370504.1, 3808723.4,   535.6,   1482.1,   0.0);   (370418.5,
3808632.5,   533.4,   1482.1,   0.0);
     (370428.2, 3808596.1,   530.7,   1482.1,   0.0);   (370410.8,
3808670.1,   536.5,   1482.1,   0.0);
     (370405.1, 3808709.1,   540.1,   1482.1,   0.0);   (370319.7,
3808617.4,   532.9,   1482.1,   0.0);
     (370329.9, 3808579.4,   529.5,   1482.1,   0.0);   (370340.1,
3808541.5,   528.3,   1482.1,   0.0);
     (370311.8, 3808655.8,   530.4,   1482.1,   0.0);   (370306.2,
3808694.7,   527.7,   1482.1,   0.0);
     (370220.2, 3808604.9,   516.8,   1482.1,   0.0);   (370229.4,
3808570.8,   515.6,   1482.1,   0.0);
     (370238.6, 3808536.6,   517.9,   1482.1,   0.0);   (370247.7,
3808502.5,   521.0,   1482.1,   0.0);
     (370212.8, 3808641.5,   517.6,   1482.1,   0.0);   (370207.2,
3808680.4,   518.6,   1482.1,   0.0);
     (370771.8, 3808772.6,   530.6,   1482.1,   0.0);   (370748.5,
3808763.5,   530.3,   1482.1,   0.0);
     (370719.3, 3808769.7,   527.3,   1482.1,   0.0);   (370768.9,
3808811.6,   528.8,   1482.1,   0.0);
     (370793.5, 3808845.4,   525.2,   1482.1,   0.0);   (370744.1,
3808814.8,   523.9,   1482.1,   0.0);
     (370741.1, 3808791.0,   527.8,   1482.1,   0.0);   (370761.0,

3808843.2,   521.5,   1482.1,   0.0);
     (370721.6, 3808823.7,   517.5,   1482.1,   0.0);   (370740.7,
3808857.8,   513.5,   1482.1,   0.0);
     (370702.1, 3808840.3,   510.5,   1482.1,   0.0);   (370692.0,
3808793.3,   523.8,   1482.1,   0.0);
     (370720.5, 3808872.5,   510.1,   1482.1,   0.0);   (370620.0,
3808895.9,   507.4,   1482.1,   0.0);
     (370605.4, 3808859.2,   512.8,   1482.1,   0.0);   (370593.2,
3808802.8,   525.7,   1482.1,   0.0);
     (370598.0, 3808763.6,   527.0,   1482.1,   0.0);   (370639.5,
3808931.2,   506.7,   1482.1,   0.0);
     (370539.5, 3808955.8,   519.0,   1482.1,   0.0);   (370525.8,
3808921.3,   522.2,   1482.1,   0.0);
     (370512.1, 3808886.9,   519.3,   1482.1,   0.0);   (370498.5,
3808852.5,   515.8,   1482.1,   0.0);
     (370493.9, 3808816.9,   519.2,   1482.1,   0.0);   (370498.3,
3808780.1,   527.0,   1482.1,   0.0);
     (370558.6, 3808989.9,   509.7,   1482.1,   0.0);   (370458.0,
3809013.3,   506.8,   1482.1,   0.0);
     (370443.5, 3808976.6,   506.4,   1482.1,   0.0);   (370428.9,
3808939.9,   513.5,   1482.1,   0.0);
     (370414.3, 3808903.1,   520.5,   1482.1,   0.0);   (370399.7,
3808866.4,   526.1,   1482.1,   0.0);
     (370394.8, 3808828.4,   525.0,   1482.1,   0.0);   (370399.6,
3808789.2,   532.2,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370404.4, 3808749.9,   536.4,   1482.1,   0.0);   (370477.6,
3809048.6,   509.5,   1482.1,   0.0);
     (370376.8, 3809071.3,   503.4,   1482.1,   0.0);   (370361.6,
3809033.0,   505.6,   1482.1,   0.0);
     (370346.4, 3808994.8,   514.3,   1482.1,   0.0);   (370331.2,
3808956.5,   516.2,   1482.1,   0.0);
     (370316.0, 3808918.2,   525.9,   1482.1,   0.0);   (370300.9,
3808879.9,   534.4,   1482.1,   0.0);
     (370295.8, 3808840.4,   537.2,   1482.1,   0.0);   (370300.7,
3808799.5,   539.4,   1482.1,   0.0);
     (370305.7, 3808758.6,   531.5,   1482.1,   0.0);   (370310.7,
3808717.8,   526.4,   1482.1,   0.0);
     (370396.7, 3809107.3,   503.2,   1482.1,   0.0);   (370296.1,

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3809130.8,     503.2,    1482.1,       0.0);
     ( 370281.6, 3809094.0,     505.4,    1482.1,       0.0);         ( 370267.0,
3809057.3,     518.3,    1482.1,       0.0);
     ( 370252.4, 3809020.5,     516.8,    1482.1,       0.0);         ( 370237.8,
3808983.8,     522.4,    1482.1,       0.0);
     ( 370223.2, 3808947.1,     522.1,    1482.1,       0.0);         ( 370208.7,
3808910.3,     521.0,    1482.1,       0.0);
     ( 370196.5, 3808854.0,     519.4,    1482.1,       0.0);         ( 370201.3,
3808814.8,     524.2,    1482.1,       0.0);
     ( 370206.0, 3808775.5,     520.6,    1482.1,       0.0);         ( 370210.8,
3808736.3,     520.4,    1482.1,       0.0);
     ( 370315.7, 3809166.0,     498.8,    1482.1,       0.0);         ( 370621.8,
3808774.3,     525.1,    1482.1,       0.0);
     ( 370525.9, 3808746.1,     531.3,    1482.1,       0.0);         ( 370429.9,
3808717.9,     533.9,    1482.1,       0.0);
     ( 370334.0, 3808689.7,     531.7,    1482.1,       0.0);         ( 370238.1,
3808661.5,     520.7,    1482.1,       0.0);
     ( 370782.0, 3808878.9,     523.0,    1482.1,       0.0);         ( 370757.1,
3808877.1,     519.4,    1482.1,       0.0);
     ( 370612.5, 3808816.8,     521.5,    1482.1,       0.0);         ( 370316.2,
3808779.4,     538.4,    1482.1,       0.0);
     ( 370228.1, 3808707.5,     521.5,    1482.1,       0.0);         ( 370773.1,
3808925.1,     516.5,    1482.1,       0.0);
     ( 370748.5, 3808920.4,     515.8,    1482.1,       0.0);         ( 370723.9,
3808915.8,     513.4,    1482.1,       0.0);
     ( 370699.4, 3808911.1,     509.1,    1482.1,       0.0);         ( 370772.5,
3808952.9,     512.3,    1482.1,       0.0);
     ( 370772.3, 3808976.2,     510.6,    1482.1,       0.0);         ( 370772.1,
3808999.6,     509.6,    1482.1,       0.0);
     ( 370771.9, 3809023.0,     508.7,    1482.1,       0.0);         ( 370771.8,
3809046.3,     508.0,    1482.1,       0.0);
     ( 370771.6, 3809069.7,     507.5,    1482.1,       0.0);         ( 370771.4,
3809093.0,     507.0,    1482.1,       0.0);
     ( 370771.3, 3809116.4,     506.6,    1482.1,       0.0);         ( 370771.1,
3809139.7,     507.1,    1482.1,       0.0);
     ( 370770.9, 3809163.1,     507.8,    1482.1,       0.0);         ( 370747.5,
3808952.7,     511.4,    1482.1,       0.0);
     ( 370747.3, 3808976.1,     509.9,    1482.1,       0.0);         ( 370747.1,
3808999.4,     509.2,    1482.1,       0.0);
     ( 370747.0, 3809022.8,     508.5,    1482.1,       0.0);         ( 370746.8,
3809046.1,     507.8,    1482.1,       0.0);
     ( 370746.6, 3809069.5,     507.3,    1482.1,       0.0);         ( 370746.4,
3809092.8,     506.8,    1482.1,       0.0);
     ( 370746.3, 3809116.2,     506.2,    1482.1,       0.0);         ( 370746.1,
3809139.5,     505.9,    1482.1,       0.0);
     ( 370745.9, 3809162.9,     505.7,    1482.1,       0.0);         ( 370722.5,
3808952.5,     510.7,    1482.1,       0.0);
     ( 370722.3, 3808975.9,     509.3,    1482.1,       0.0);         ( 370722.1,
3808999.2,     509.0,    1482.1,       0.0);
     ( 370722.0, 3809022.6,     508.6,    1482.1,       0.0);         ( 370721.8,
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3809045.9,   507.9,   1482.1,   0.0);
     (370721.6, 3809069.3,   507.2,   1482.1,   0.0);   (370721.4,
3809092.6,   506.5,   1482.1,   0.0);
     (370721.3, 3809116.0,   505.9,   1482.1,   0.0);   (370721.1,
3809139.4,   505.3,   1482.1,   0.0);
     (370720.9, 3809162.7,   505.0,   1482.1,   0.0);   (370697.5,
3808952.4,   508.8,   1482.1,   0.0);
     (370697.3, 3808975.7,   508.2,   1482.1,   0.0);   (370697.1,
3808999.1,   508.2,   1482.1,   0.0);
     (370697.0, 3809022.4,   507.9,   1482.1,   0.0);   (370696.8,
3809045.8,   507.5,   1482.1,   0.0);
     (370696.6, 3809069.1,   506.9,   1482.1,   0.0);   (370696.4,
3809092.5,   506.4,   1482.1,   0.0);
     (370696.3, 3809115.8,   506.2,   1482.1,   0.0);   (370696.1,
3809139.2,   505.1,   1482.1,   0.0);
     (370695.9, 3809162.5,   504.6,   1482.1,   0.0);   (370599.4,
3808910.4,   508.4,   1482.1,   0.0);
     (370597.5, 3808951.6,   506.4,   1482.1,   0.0);   (370597.3,
3808975.0,   506.0,   1482.1,   0.0);
     (370597.1, 3808998.3,   505.6,   1482.1,   0.0);   (370597.0,
3809021.7,   505.2,   1482.1,   0.0);
     (370596.8, 3809045.0,   505.0,   1482.1,   0.0);   (370596.6,
3809068.4,   504.6,   1482.1,   0.0);
     (370596.4, 3809091.8,   504.3,   1482.1,   0.0);   (370596.3,
3809115.1,   503.9,   1482.1,   0.0);
     (370596.1, 3809138.4,   503.4,   1482.1,   0.0);   (370595.9,
3809161.8,   503.0,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370499.4, 3808909.6,   520.4,   1482.1,   0.0);   (370497.5,
3808950.9,   514.4,   1482.1,   0.0);
     (370497.3, 3808974.3,   511.0,   1482.1,   0.0);   (370497.1,
3808997.6,   510.7,   1482.1,   0.0);
     (370497.0, 3809021.0,   508.9,   1482.1,   0.0);   (370496.6,
3809067.7,   507.6,   1482.1,   0.0);
     (370496.4, 3809091.0,   507.4,   1482.1,   0.0);   (370496.3,
3809114.4,   507.5,   1482.1,   0.0);
     (370496.1, 3809137.7,   504.6,   1482.1,   0.0);   (370495.9,
3809161.1,   502.7,   1482.1,   0.0);
     (370397.6, 3808926.8,   524.5,   1482.1,   0.0);   (370397.5,

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3808950.2,     517.7,    1482.1,       0.0);
     ( 370397.3, 3808973.5,     510.1,    1482.1,       0.0);         ( 370397.1,
3808996.9,     506.9,    1482.1,       0.0);
     ( 370397.0, 3809020.2,     505.3,    1482.1,       0.0);         ( 370396.8,
3809043.6,     504.1,    1482.1,       0.0);
     ( 370396.1, 3809137.0,     506.7,    1482.1,       0.0);         ( 370395.9,
3809160.4,     511.0,    1482.1,       0.0);
     ( 370297.5, 3808949.5,     527.4,    1482.1,       0.0);         ( 370297.3,
3808972.8,     526.9,    1482.1,       0.0);
     ( 370297.1, 3808996.2,     527.7,    1482.1,       0.0);         ( 370297.0,
3809019.5,     519.6,    1482.1,       0.0);
     ( 370296.8, 3809042.9,     514.2,    1482.1,       0.0);         ( 370296.6,
3809066.2,     510.3,    1482.1,       0.0);
     ( 370201.8, 3808882.4,     518.7,    1482.1,       0.0);         ( 370197.5,
3808948.7,     517.2,    1482.1,       0.0);
     ( 370197.3, 3808972.1,     517.6,    1482.1,       0.0);         ( 370197.1,
3808995.4,     512.1,    1482.1,       0.0);
     ( 370197.0, 3809018.8,     506.0,    1482.1,       0.0);         ( 370196.8,
3809042.1,     507.4,    1482.1,       0.0);
     ( 370196.6, 3809065.5,     512.7,    1482.1,       0.0);         ( 370196.5,
3809088.8,     506.4,    1482.1,       0.0);
     ( 370196.3, 3809112.2,     506.4,    1482.1,       0.0);         ( 370196.1,
3809135.6,     507.2,    1482.1,       0.0);
     ( 370196.0, 3809158.9,     507.5,    1482.1,       0.0);         ( 370770.9,
3809206.2,     507.7,    1482.1,       0.0);
     ( 370770.9, 3809249.2,     505.4,    1482.1,       0.0);         ( 370745.9,
3809206.2,     505.1,    1482.1,       0.0);
     ( 370745.9, 3809249.2,     504.2,    1482.1,       0.0);         ( 370720.9,
3809206.2,     504.5,    1482.1,       0.0);
     ( 370720.9, 3809249.2,     503.1,    1482.1,       0.0);         ( 370695.9,
3809206.2,     504.1,    1482.1,       0.0);
     ( 370695.9, 3809249.2,     502.5,    1482.1,       0.0);         ( 370595.9,
3809184.7,     502.7,    1482.1,       0.0);
     ( 370595.9, 3809227.7,     502.1,    1482.1,       0.0);         ( 370595.9,
3809270.7,     501.0,    1482.1,       0.0);
     ( 370495.9, 3809184.7,     503.2,    1482.1,       0.0);         ( 370495.9,
3809227.7,     505.8,    1482.1,       0.0);
     ( 370495.9, 3809270.7,     508.1,    1482.1,       0.0);         ( 370395.9,
3809184.7,     514.9,    1482.1,       0.0);
     ( 370395.9, 3809227.7,     506.7,    1482.1,       0.0);         ( 370395.9,
3809270.7,     501.1,    1482.1,       0.0);
     ( 370295.9, 3809184.7,     498.2,    1482.1,       0.0);         ( 370295.9,
3809227.7,     496.5,    1482.1,       0.0);
     ( 370295.9, 3809270.7,     495.5,    1482.1,       0.0);         ( 370195.9,
3809184.7,     505.5,    1482.1,       0.0);
     ( 370195.9, 3809227.7,     499.3,    1482.1,       0.0);         ( 370195.9,
3809270.7,     492.9,    1482.1,       0.0);
     ( 370795.6, 3809245.7,     506.0,    1482.1,       0.0);         ( 370795.2,
3809220.7,     508.0,    1482.1,       0.0);
     ( 370794.8, 3809195.7,     508.8,    1482.1,       0.0);         ( 370794.5,
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3809170.7,   508.6,   1482.1,   0.0);
     (370712.0, 3809285.8,   500.9,   1482.1,   0.0);   (370687.2,
3809282.2,   500.8,   1482.1,   0.0);
     (370673.2, 3809245.7,   502.3,   1482.1,   0.0);   (370662.5,
3809278.7,   500.5,   1482.1,   0.0);
     (370648.5, 3809242.2,   502.4,   1482.1,   0.0);   (370664.9,
3809211.7,   503.4,   1482.1,   0.0);
     (370705.5, 3809184.0,   504.5,   1482.1,   0.0);   (370637.7,
3809275.2,   500.1,   1482.1,   0.0);
     (370549.5, 3809228.0,   501.9,   1482.1,   0.0);   (370565.9,
3809197.6,   502.3,   1482.1,   0.0);
     (370623.2, 3809115.2,   504.4,   1482.1,   0.0);   (370655.5,
3809102.7,   505.2,   1482.1,   0.0);
     (370538.7, 3809261.0,   501.4,   1482.1,   0.0);   (370450.5,
3809213.9,   512.0,   1482.1,   0.0);
     (370467.0, 3809183.4,   505.5,   1482.1,   0.0);   (370524.6,
3809076.8,   503.8,   1482.1,   0.0);
     (370557.2, 3809040.1,   504.8,   1482.1,   0.0);   (370621.8,
3809015.2,   505.8,   1482.1,   0.0);
     (370654.0, 3809002.7,   507.1,   1482.1,   0.0);   (370439.7,
3809246.9,   502.4,   1482.1,   0.0);
     (370351.5, 3809199.7,   504.2,   1482.1,   0.0);   (370368.0,
3809169.3,   504.7,   1482.1,   0.0);
     (370417.3, 3809077.9,   503.3,   1482.1,   0.0);   (370433.8,
3809047.4,   503.7,   1482.1,   0.0);
     (370466.7, 3808986.5,   507.3,   1482.1,   0.0);   (370571.8,
3808933.9,   510.7,   1482.1,   0.0);
     (370652.6, 3808902.8,   507.1,   1482.1,   0.0);   (370684.9,
3808890.3,   507.8,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (370340.7, 3809232.7,   501.5,   1482.1,   0.0);   (370252.5,
3809185.6,   500.6,   1482.1,   0.0);
     (370269.0, 3809155.1,   502.7,   1482.1,   0.0);   (370326.6,
3809048.5,   507.6,   1482.1,   0.0);
     (370343.0, 3809018.1,   510.9,   1482.1,   0.0);   (370367.7,
3808972.4,   511.9,   1482.1,   0.0);
     (370441.2, 3808883.8,   513.4,   1482.1,   0.0);   (370473.5,
3808871.3,   513.5,   1482.1,   0.0);
     (370521.9, 3808852.6,   520.0,   1482.1,   0.0);   (370554.2,

3808840.2,   529.2,   1482.1,   0.0);
     (370586.5, 3808827.7,   523.2,   1482.1,   0.0);   (370634.9,
3808809.0,   524.9,   1482.1,   0.0);
     (370667.2, 3808796.5,   523.9,   1482.1,   0.0);   (370241.7,
3809218.6,   504.7,   1482.1,   0.0);
     (370153.5, 3809171.4,   495.5,   1482.1,   0.0);   (370170.0,
3809141.0,   499.4,   1482.1,   0.0);
     (370219.3, 3809049.6,   513.5,   1482.1,   0.0);   (370260.5,
3808973.5,   525.8,   1482.1,   0.0);
     (370285.2, 3808927.8,   528.9,   1482.1,   0.0);   (370326.3,
3808851.6,   537.3,   1482.1,   0.0);
     (370358.9, 3808814.9,   531.5,   1482.1,   0.0);   (370423.5,
3808790.0,   532.7,   1482.1,   0.0);
     (370455.8, 3808777.6,   530.7,   1482.1,   0.0);   (370552.7,
3808740.2,   530.5,   1482.1,   0.0);
     (370633.5, 3808709.0,   528.7,   1482.1,   0.0);   (370665.8,
3808696.5,   530.6,   1482.1,   0.0);
     (370142.7, 3809204.4,   494.1,   1482.1,   0.0);   (370715.8,
3809324.1,   502.4,   1482.1,   0.0);
     (370732.3, 3809341.9,   503.0,   1482.1,   0.0);   (370748.8,
3809359.6,   502.8,   1482.1,   0.0);
     (370691.1, 3809320.6,   501.7,   1482.1,   0.0);   (370714.0,
3809358.9,   502.4,   1482.1,   0.0);
     (370730.5, 3809376.6,   502.2,   1482.1,   0.0);   (370672.8,
3809337.6,   501.7,   1482.1,   0.0);
     (370695.7, 3809375.9,   501.7,   1482.1,   0.0);   (370712.2,
3809393.7,   501.7,   1482.1,   0.0);
     (370654.5, 3809354.6,   501.0,   1482.1,   0.0);   (370641.6,
3809313.5,   500.2,   1482.1,   0.0);
     (370677.4, 3809392.9,   501.0,   1482.1,   0.0);   (370693.9,
3809410.7,   500.9,   1482.1,   0.0);
     (370581.2, 3809422.6,   497.9,   1482.1,   0.0);   (370568.3,
3809381.5,   497.5,   1482.1,   0.0);
     (370555.5, 3809340.4,   499.2,   1482.1,   0.0);   (370542.6,
3809299.3,   499.7,   1482.1,   0.0);
     (370604.1, 3809460.9,   498.1,   1482.1,   0.0);   (370507.3,
3809488.8,   495.9,   1482.1,   0.0);
     (370500.3, 3809466.4,   496.1,   1482.1,   0.0);   (370493.3,
3809444.0,   496.1,   1482.1,   0.0);
     (370486.3, 3809421.5,   496.3,   1482.1,   0.0);   (370479.2,
3809399.1,   496.7,   1482.1,   0.0);
     (370472.2, 3809376.7,   496.9,   1482.1,   0.0);   (370465.2,
3809354.3,   496.8,   1482.1,   0.0);
     (370458.2, 3809331.9,   496.6,   1482.1,   0.0);   (370451.2,
3809309.5,   496.8,   1482.1,   0.0);
     (370444.2, 3809287.1,   498.7,   1482.1,   0.0);   (370514.3,
3809511.2,   495.8,   1482.1,   0.0);
     (370530.8, 3809529.0,   496.2,   1482.1,   0.0);   (370434.2,
3809557.3,   494.8,   1482.1,   0.0);
     (370427.3, 3809535.4,   494.0,   1482.1,   0.0);   (370420.5,

3809513.5,   493.9,   1482.1,   0.0);
     (370413.6, 3809491.6,   493.1,   1482.1,   0.0);   (370406.8,
3809469.7,   494.0,   1482.1,   0.0);
     (370399.9, 3809447.8,   494.5,   1482.1,   0.0);   (370393.0,
3809425.8,   494.7,   1482.1,   0.0);
     (370386.2, 3809403.9,   495.0,   1482.1,   0.0);   (370379.3,
3809382.0,   496.5,   1482.1,   0.0);
     (370372.5, 3809360.1,   500.7,   1482.1,   0.0);   (370365.6,
3809338.2,   504.1,   1482.1,   0.0);
     (370358.8, 3809316.2,   505.9,   1482.1,   0.0);   (370351.9,
3809294.3,   506.3,   1482.1,   0.0);
     (370345.0, 3809272.4,   505.9,   1482.1,   0.0);   (370441.0,
3809579.3,   499.4,   1482.1,   0.0);
     (370360.6, 3809624.5,   491.8,   1482.1,   0.0);   (370353.5,
3809601.6,   491.6,   1482.1,   0.0);
     (370346.3, 3809578.8,   491.7,   1482.1,   0.0);   (370339.2,
3809556.0,   491.1,   1482.1,   0.0);
     (370332.0, 3809533.1,   491.9,   1482.1,   0.0);   (370324.9,
3809510.3,   492.5,   1482.1,   0.0);
     (370317.8, 3809487.5,   492.8,   1482.1,   0.0);   (370310.6,
3809464.7,   493.7,   1482.1,   0.0);
     (370303.5, 3809441.8,   497.8,   1482.1,   0.0);   (370296.3,
3809419.0,   502.9,   1482.1,   0.0);
     (370289.2, 3809396.2,   508.5,   1482.1,   0.0);   (370282.0,
3809373.3,   507.8,   1482.1,   0.0);
     (370274.9, 3809350.5,   503.3,   1482.1,   0.0);   (370267.8,
3809327.7,   497.3,   1482.1,   0.0);
     (370260.6, 3809304.8,   493.5,   1482.1,   0.0);   (370253.5,
3809282.0,   494.2,   1482.1,   0.0);
     (370246.3, 3809259.2,   495.4,   1482.1,   0.0);   (370367.8,
3809647.3,   492.5,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370384.3, 3809665.1,   491.4,   1482.1,   0.0);   (370400.8,
3809682.8,   491.2,   1482.1,   0.0);
     (370287.5, 3809692.9,   489.2,   1482.1,   0.0);   (370280.5,
3809670.5,   489.3,   1482.1,   0.0);
     (370273.4, 3809648.1,   489.6,   1482.1,   0.0);   (370266.4,
3809625.7,   489.8,   1482.1,   0.0);
     (370259.4, 3809603.3,   490.2,   1482.1,   0.0);   (370252.4,

3809580.8,   490.8,   1482.1,   0.0);
     (370245.4, 3809558.4,   492.9,   1482.1,   0.0);   (370238.4,
3809536.0,   496.5,   1482.1,   0.0);
     (370231.4, 3809513.6,   501.0,   1482.1,   0.0);   (370224.3,
3809491.2,   502.5,   1482.1,   0.0);
     (370217.3, 3809468.8,   498.0,   1482.1,   0.0);   (370210.3,
3809446.3,   498.6,   1482.1,   0.0);
     (370203.3, 3809423.9,   502.4,   1482.1,   0.0);   (370196.3,
3809401.5,   499.2,   1482.1,   0.0);
     (370189.3, 3809379.1,   492.9,   1482.1,   0.0);   (370182.3,
3809356.7,   490.4,   1482.1,   0.0);
     (370175.3, 3809334.3,   490.8,   1482.1,   0.0);   (370168.2,
3809311.9,   490.9,   1482.1,   0.0);
     (370161.2, 3809289.4,   491.0,   1482.1,   0.0);   (370154.2,
3809267.0,   491.5,   1482.1,   0.0);
     (370147.2, 3809244.6,   492.4,   1482.1,   0.0);   (370294.5,
3809715.3,   489.0,   1482.1,   0.0);
     (370311.0, 3809733.1,   488.9,   1482.1,   0.0);   (370327.5,
3809750.9,   489.4,   1482.1,   0.0);
     (370741.3, 3809400.6,   501.6,   1482.1,   0.0);   (370266.4,
3809393.8,   511.3,   1482.1,   0.0);
     (370166.7, 3809372.9,   490.1,   1482.1,   0.0);   (370572.0,
3809171.5,   502.5,   1482.1,   0.0);
     (370538.1, 3809196.3,   502.2,   1482.1,   0.0);   (370436.8,
3809022.6,   504.9,   1482.1,   0.0);
     (370864.1, 3809066.9,   512.8,   1482.1,   0.0);   (370901.3,
3808974.0,   515.8,   1482.1,   0.0);
     (370938.4, 3808881.2,   520.8,   1482.1,   0.0);   (370666.4,
3809421.4,   500.1,   1482.1,   0.0);
     (370646.9, 3809432.9,   499.4,   1482.1,   0.0);   (370627.3,
3809444.4,   498.8,   1482.1,   0.0);
     (370568.7, 3809479.0,   497.1,   1482.1,   0.0);   (370549.1,
3809490.5,   496.5,   1482.1,   0.0);
     (370490.5, 3809525.0,   497.4,   1482.1,   0.0);   (370653.7,
3809399.9,   500.2,   1482.1,   0.0);
     (370634.2, 3809411.4,   499.6,   1482.1,   0.0);   (370614.6,
3809422.9,   499.1,   1482.1,   0.0);
     (370575.5, 3809445.9,   497.6,   1482.1,   0.0);   (370556.0,
3809457.4,   497.2,   1482.1,   0.0);
     (370536.5, 3809468.9,   496.7,   1482.1,   0.0);   (370477.8,
3809503.4,   495.6,   1482.1,   0.0);
     (370676.8, 3809361.8,   501.3,   1482.1,   0.0);   (370641.0,
3809378.3,   500.3,   1482.1,   0.0);
     (370621.5, 3809389.8,   499.6,   1482.1,   0.0);   (370601.9,
3809401.4,   498.8,   1482.1,   0.0);
     (370543.3, 3809435.9,   496.6,   1482.1,   0.0);   (370523.8,
3809447.4,   496.4,   1482.1,   0.0);
     (370465.1, 3809481.9,   495.1,   1482.1,   0.0);   (370628.3,
3809356.8,   500.3,   1482.1,   0.0);
     (370608.8, 3809368.3,   499.2,   1482.1,   0.0);   (370550.2,

3809402.8,   497.2,   1482.1,   0.0);
     (370530.6, 3809414.3,   496.5,   1482.1,   0.0);   (370511.1,
3809425.8,   495.6,   1482.1,   0.0);
     (370452.5, 3809460.4,   494.2,   1482.1,   0.0);   (370618.7,
3809252.3,   501.6,   1482.1,   0.0);
     (370558.1, 3809282.1,   500.5,   1482.1,   0.0);   (370519.0,
3809305.1,   504.5,   1482.1,   0.0);
     (370499.4, 3809316.7,   503.6,   1482.1,   0.0);   (370440.8,
3809351.2,   496.1,   1482.1,   0.0);
     (370421.3, 3809362.7,   495.7,   1482.1,   0.0);   (370401.7,
3809374.2,   495.4,   1482.1,   0.0);
     (370632.8, 3809145.9,   503.8,   1482.1,   0.0);   (370654.3,
3809139.1,   504.2,   1482.1,   0.0);
     (370546.4, 3809172.9,   502.3,   1482.1,   0.0);   (370370.5,
3809276.5,   507.1,   1482.1,   0.0);
     (370560.4, 3809066.5,   504.6,   1482.1,   0.0);   (370625.2,
3809046.2,   505.7,   1482.1,   0.0);
     (370646.8, 3809039.4,   506.3,   1482.1,   0.0);   (370456.6,
3809109.8,   506.2,   1482.1,   0.0);
     (370437.1, 3809121.3,   510.9,   1482.1,   0.0);   (370339.3,
3809178.8,   499.4,   1482.1,   0.0);
     (370319.8, 3809190.3,   498.0,   1482.1,   0.0);   (370574.5,
3808960.0,   510.0,   1482.1,   0.0);
     (370794.9, 3808953.5,   514.2,   1482.1,   0.0);   (370862.0,
3808963.8,   514.4,   1482.1,   0.0);
     (370347.2, 3809058.1,   505.4,   1482.1,   0.0);   (370249.5,
3809115.7,   518.2,   1482.1,   0.0);
     (370545.3, 3808867.0,   526.7,   1482.1,   0.0);   (370566.9,
3808860.3,   527.3,   1482.1,   0.0);
     (370631.6, 3808840.0,   515.7,   1482.1,   0.0);   (370675.6,
3808836.6,   512.6,   1482.1,   0.0);
     (370899.2, 3808871.0,   522.9,   1482.1,   0.0);   (370374.7,
3808925.9,   526.3,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (370355.1, 3808937.4,   521.8,   1482.1,   0.0);   (370471.1,
3809541.1,   499.9,   1482.1,   0.0);
     (370454.9, 3809522.0,   495.2,   1482.1,   0.0);   (370407.3,
3809562.6,   493.1,   1482.1,   0.0);
     (370391.0, 3809543.6,   492.9,   1482.1,   0.0);   (370390.7,

3809511.1,   492.9,   1482.1,   0.0);
     (370357.5, 3809407.9,   494.4,   1482.1,   0.0);   (370325.8,
3809435.0,   495.3,   1482.1,   0.0);
     (370322.6, 3809308.2,   499.5,   1482.1,   0.0);   (370292.6,
3809331.9,   502.1,   1482.1,   0.0);
     (370245.0, 3809372.5,   503.4,   1482.1,   0.0);   (370271.9,
3809222.0,   498.1,   1482.1,   0.0);
     (370221.2, 3809135.9,   510.5,   1482.1,   0.0);   (370115.2,
3809220.3,   493.4,   1482.1,   0.0);
     (370127.9, 3809080.0,   497.7,   1482.1,   0.0);   (370156.2,
3809059.8,   499.7,   1482.1,   0.0);
     (370097.8, 3809103.7,   500.6,   1482.1,   0.0);   (370066.1,
3809130.7,   497.6,   1482.1,   0.0);
     (370417.8, 3809588.6,   494.2,   1482.1,   0.0);   (370404.3,
3809613.1,   494.4,   1482.1,   0.0);
     (370389.2, 3809588.8,   492.6,   1482.1,   0.0);   (370374.0,
3809564.5,   492.7,   1482.1,   0.0);
     (370359.7, 3809543.1,   492.7,   1482.1,   0.0);   (370272.2,
3809494.8,   493.2,   1482.1,   0.0);
     (370287.2, 3809476.3,   495.9,   1482.1,   0.0);   (370257.8,
3809516.3,   493.5,   1482.1,   0.0);
     (370185.5, 3809445.3,   493.4,   1482.1,   0.0);   (370219.5,
3809403.7,   509.6,   1482.1,   0.0);
     (370170.3, 3809468.0,   488.7,   1482.1,   0.0);   (370097.7,
3809397.4,   487.9,   1482.1,   0.0);
     (370114.2, 3809377.2,   488.3,   1482.1,   0.0);   (370130.7,
3809357.0,   489.1,   1482.1,   0.0);
     (370147.1, 3809336.8,   490.0,   1482.1,   0.0);   (370082.7,
3809419.7,   487.3,   1482.1,   0.0);
     (370010.6, 3809348.5,   490.5,   1482.1,   0.0);   (370028.1,
3809327.1,   490.5,   1482.1,   0.0);
     (370045.5, 3809305.8,   494.6,   1482.1,   0.0);   (370062.9,
3809284.4,   499.2,   1482.1,   0.0);
     (370080.3, 3809263.0,   500.2,   1482.1,   0.0);   (370097.8,
3809241.7,   495.9,   1482.1,   0.0);
     (369995.2, 3809371.4,   493.0,   1482.1,   0.0);   (369922.9,
3809300.4,   495.2,   1482.1,   0.0);
     (369939.9, 3809279.6,   504.7,   1482.1,   0.0);   (369956.8,
3809258.8,   511.2,   1482.1,   0.0);
     (369973.8, 3809238.0,   508.9,   1482.1,   0.0);   (369990.8,
3809217.1,   516.4,   1482.1,   0.0);
     (370007.8, 3809196.3,   519.5,   1482.1,   0.0);   (370024.8,
3809175.5,   505.5,   1482.1,   0.0);
     (370041.8, 3809154.7,   499.2,   1482.1,   0.0);   (369907.6,
3809323.1,   493.4,   1482.1,   0.0);
     (370401.2, 3809644.3,   496.0,   1482.1,   0.0);   (370376.2,
3809701.4,   490.2,   1482.1,   0.0);
     (370351.2, 3809663.3,   490.8,   1482.1,   0.0);   (370351.2,
3809701.4,   490.0,   1482.1,   0.0);
     (370330.3, 3809609.1,   491.0,   1482.1,   0.0);   (370326.2,

3809644.3,   490.6,   1482.1,   0.0);
     (370326.2, 3809682.3,   489.8,   1482.1,   0.0);   (370230.3,
3809609.1,   490.0,   1482.1,   0.0);
     (370226.2, 3809644.3,   489.0,   1482.1,   0.0);   (370226.2,
3809682.3,   488.3,   1482.1,   0.0);
     (370130.8, 3809607.1,   486.9,   1482.1,   0.0);   (370140.2,
3809570.9,   487.9,   1482.1,   0.0);
     (370149.5, 3809534.6,   490.2,   1482.1,   0.0);   (370158.8,
3809498.4,   489.2,   1482.1,   0.0);
     (370126.2, 3809644.3,   486.7,   1482.1,   0.0);   (370126.2,
3809682.3,   486.8,   1482.1,   0.0);
     (370030.7, 3809607.7,   485.6,   1482.1,   0.0);   (370039.8,
3809572.5,   487.2,   1482.1,   0.0);
     (370048.8, 3809537.4,   487.7,   1482.1,   0.0);   (370057.8,
3809502.3,   487.0,   1482.1,   0.0);
     (370066.9, 3809467.1,   487.2,   1482.1,   0.0);   (370026.2,
3809644.3,   484.3,   1482.1,   0.0);
     (370026.2, 3809682.3,   484.3,   1482.1,   0.0);   (369930.6,
3809608.0,   482.4,   1482.1,   0.0);
     (369939.5, 3809573.5,   483.0,   1482.1,   0.0);   (369948.4,
3809539.0,   483.6,   1482.1,   0.0);
     (369957.3, 3809504.5,   484.0,   1482.1,   0.0);   (369966.2,
3809469.9,   484.3,   1482.1,   0.0);
     (369975.1, 3809435.4,   486.6,   1482.1,   0.0);   (369984.0,
3809400.9,   491.7,   1482.1,   0.0);
     (369926.2, 3809644.3,   482.3,   1482.1,   0.0);   (369926.2,
3809682.3,   482.2,   1482.1,   0.0);
     (369830.8, 3809607.1,   483.9,   1482.1,   0.0);   (369840.2,
3809570.9,   484.1,   1482.1,   0.0);
     (369849.5, 3809534.6,   485.7,   1482.1,   0.0);   (369858.8,
3809498.4,   486.9,   1482.1,   0.0);
     (369868.2, 3809462.2,   486.8,   1482.1,   0.0);   (369877.5,
3809425.9,   486.9,   1482.1,   0.0);
     (369886.8, 3809389.7,   488.6,   1482.1,   0.0);   (369896.2,
3809353.5,   491.0,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (369826.2, 3809644.3,   489.7,   1482.1,   0.0);   (369826.2,
3809682.3,   491.9,   1482.1,   0.0);
     (370416.5, 3809664.6,   495.2,   1482.1,   0.0);   (370270.0,

3809550.8,   491.2,   1482.1,   0.0);
     (370291.2, 3809537.0,   491.6,   1482.1,   0.0);   (370355.1,
3809495.6,   493.4,   1482.1,   0.0);
     (370378.2, 3809491.3,   493.9,   1482.1,   0.0);   (370187.7,
3809493.9,   493.7,   1482.1,   0.0);
     (370241.0, 3809459.4,   502.8,   1482.1,   0.0);   (370262.2,
3809445.6,   501.2,   1482.1,   0.0);
     (370326.1, 3809404.2,   498.9,   1482.1,   0.0);   (370409.5,
3809403.4,   495.3,   1482.1,   0.0);
     (370434.4, 3809408.5,   495.5,   1482.1,   0.0);   (370459.2,
3809413.7,   496.0,   1482.1,   0.0);
     (370084.6, 3809450.5,   488.4,   1482.1,   0.0);   (370106.9,
3809436.1,   489.8,   1482.1,   0.0);
     (370129.1, 3809421.7,   491.4,   1482.1,   0.0);   (370151.3,
3809407.3,   491.5,   1482.1,   0.0);
     (370218.0, 3809364.1,   497.4,   1482.1,   0.0);   (370240.2,
3809349.7,   497.4,   1482.1,   0.0);
     (370380.9, 3809302.9,   500.4,   1482.1,   0.0);   (370406.8,
3809308.3,   496.5,   1482.1,   0.0);
     (370523.5, 3809332.7,   499.5,   1482.1,   0.0);   (370588.3,
3809346.2,   497.9,   1482.1,   0.0);
     (370013.3, 3809386.5,   487.9,   1482.1,   0.0);   (370035.4,
3809372.3,   487.6,   1482.1,   0.0);
     (370057.4, 3809358.0,   488.0,   1482.1,   0.0);   (370079.4,
3809343.7,   488.3,   1482.1,   0.0);
     (370101.4, 3809329.4,   489.3,   1482.1,   0.0);   (370123.5,
3809315.2,   489.7,   1482.1,   0.0);
     (370222.6, 3809250.9,   496.9,   1482.1,   0.0);   (370374.9,
3809207.2,   511.2,   1482.1,   0.0);
     (370426.3, 3809217.9,   507.1,   1482.1,   0.0);   (370529.1,
3809239.4,   501.5,   1482.1,   0.0);
     (370567.7, 3809247.4,   501.7,   1482.1,   0.0);   (369931.0,
3809329.7,   495.2,   1482.1,   0.0);
     (369952.9, 3809315.5,   505.3,   1482.1,   0.0);   (369974.8,
3809301.3,   499.8,   1482.1,   0.0);
     (369996.7, 3809287.1,   498.4,   1482.1,   0.0);   (370018.6,
3809272.9,   505.5,   1482.1,   0.0);
     (370040.5, 3809258.8,   509.9,   1482.1,   0.0);   (370062.4,
3809244.6,   507.9,   1482.1,   0.0);
     (370305.1, 3809098.2,   503.9,   1482.1,   0.0);   (370330.7,
3809103.5,   501.6,   1482.1,   0.0);
     (370356.2, 3809108.8,   501.4,   1482.1,   0.0);   (370471.2,
3809132.8,   506.2,   1482.1,   0.0);
     (370522.3, 3809143.5,   502.6,   1482.1,   0.0);   (370547.8,
3809148.8,   502.7,   1482.1,   0.0);
     (370650.0, 3809170.2,   503.6,   1482.1,   0.0);   (370675.6,
3809175.5,   504.0,   1482.1,   0.0);
     (370319.2, 3809706.2,   489.3,   1482.1,   0.0);   (370303.8,
3809664.9,   489.8,   1482.1,   0.0);
     (370199.6, 3809671.8,   488.1,   1482.1,   0.0);   (370194.4,

3809698.9,   487.5,   1482.1,   0.0);
     (370099.8, 3809665.8,   486.2,   1482.1,   0.0);   (370094.5,
3809693.0,   486.0,   1482.1,   0.0);
     (370000.3, 3809659.1,   483.8,   1482.1,   0.0);   (369994.7,
3809687.1,   483.6,   1482.1,   0.0);
     (369900.4, 3809653.4,   482.1,   1482.1,   0.0);   (369909.6,
3809626.5,   482.2,   1482.1,   0.0);
     (369894.9, 3809681.2,   481.9,   1482.1,   0.0);   (369800.5,
3809647.6,   497.1,   1482.1,   0.0);
     (369809.7, 3809621.0,   488.8,   1482.1,   0.0);   (369795.1,
3809675.3,   493.9,   1482.1,   0.0);
     (370370.9, 3809736.6,   489.4,   1482.1,   0.0);   (370372.7,
3809760.6,   489.0,   1482.1,   0.0);
     (370374.5, 3809784.6,   488.4,   1482.1,   0.0);   (370376.3,
3809808.6,   487.9,   1482.1,   0.0);
     (370378.1, 3809832.6,   487.4,   1482.1,   0.0);   (370379.9,
3809856.6,   486.9,   1482.1,   0.0);
     (370381.7, 3809880.6,   486.4,   1482.1,   0.0);   (370383.5,
3809904.6,   485.9,   1482.1,   0.0);
     (370347.8, 3809762.4,   488.6,   1482.1,   0.0);   (370349.6,
3809786.4,   488.1,   1482.1,   0.0);
     (370351.4, 3809810.4,   487.6,   1482.1,   0.0);   (370353.2,
3809834.5,   487.1,   1482.1,   0.0);
     (370355.0, 3809858.5,   486.6,   1482.1,   0.0);   (370356.8,
3809882.5,   486.1,   1482.1,   0.0);
     (370358.5, 3809906.5,   485.6,   1482.1,   0.0);   (370324.6,
3809788.3,   490.7,   1482.1,   0.0);
     (370326.4, 3809812.3,   490.2,   1482.1,   0.0);   (370328.2,
3809836.3,   488.8,   1482.1,   0.0);
     (370330.0, 3809860.3,   487.5,   1482.1,   0.0);   (370331.8,
3809884.3,   486.4,   1482.1,   0.0);
     (370333.6, 3809908.3,   485.6,   1482.1,   0.0);   (370297.9,
3809766.2,   489.3,   1482.1,   0.0);
     (370299.7, 3809790.2,   495.9,   1482.1,   0.0);   (370301.5,
3809814.2,   497.7,   1482.1,   0.0);
     (370303.3, 3809838.2,   494.7,   1482.1,   0.0);   (370305.1,
3809862.2,   489.0,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (370306.9, 3809886.2,   488.2,   1482.1,   0.0);   (370308.7,

3809910.2,   486.5,   1482.1,   0.0);
     (370194.6, 3809725.6,   487.0,   1482.1,   0.0);   (370196.4,
3809749.6,   486.9,   1482.1,   0.0);
     (370198.2, 3809773.6,   488.5,   1482.1,   0.0);   (370200.0,
3809797.6,   495.6,   1482.1,   0.0);
     (370201.8, 3809821.6,   501.7,   1482.1,   0.0);   (370203.6,
3809845.7,   504.3,   1482.1,   0.0);
     (370205.4, 3809869.7,   502.5,   1482.1,   0.0);   (370207.2,
3809893.7,   496.1,   1482.1,   0.0);
     (370209.0, 3809917.7,   489.4,   1482.1,   0.0);   (370094.9,
3809733.1,   485.5,   1482.1,   0.0);
     (370096.7, 3809757.1,   485.1,   1482.1,   0.0);   (370098.5,
3809781.1,   484.8,   1482.1,   0.0);
     (370100.3, 3809805.1,   484.6,   1482.1,   0.0);   (370102.1,
3809829.1,   484.0,   1482.1,   0.0);
     (370103.8, 3809853.1,   489.5,   1482.1,   0.0);   (370105.6,
3809877.1,   494.2,   1482.1,   0.0);
     (370107.5, 3809901.1,   493.9,   1482.1,   0.0);   (370109.2,
3809925.1,   486.4,   1482.1,   0.0);
     (369995.0, 3809722.7,   483.2,   1482.1,   0.0);   (369996.9,
3809764.5,   482.8,   1482.1,   0.0);
     (369998.7, 3809788.6,   482.7,   1482.1,   0.0);   (370000.5,
3809812.6,   482.6,   1482.1,   0.0);
     (370002.3, 3809836.6,   482.6,   1482.1,   0.0);   (370004.1,
3809860.6,   482.4,   1482.1,   0.0);
     (370005.9, 3809884.6,   482.4,   1482.1,   0.0);   (370007.7,
3809908.6,   481.9,   1482.1,   0.0);
     (370009.5, 3809932.6,   481.1,   1482.1,   0.0);   (369895.2,
3809725.7,   481.7,   1482.1,   0.0);
     (369897.2, 3809772.0,   483.6,   1482.1,   0.0);   (369899.0,
3809796.0,   481.5,   1482.1,   0.0);
     (369900.8, 3809820.0,   480.6,   1482.1,   0.0);   (369902.6,
3809844.0,   480.3,   1482.1,   0.0);
     (369904.4, 3809868.0,   479.9,   1482.1,   0.0);   (369906.2,
3809892.1,   479.8,   1482.1,   0.0);
     (369908.0, 3809916.1,   479.8,   1482.1,   0.0);   (369909.8,
3809940.1,   479.8,   1482.1,   0.0);
     (369795.5, 3809735.4,   489.1,   1482.1,   0.0);   (369797.5,
3809779.5,   494.7,   1482.1,   0.0);
     (369799.3, 3809803.5,   494.1,   1482.1,   0.0);   (369801.1,
3809827.5,   494.9,   1482.1,   0.0);
     (369802.9, 3809851.5,   496.9,   1482.1,   0.0);   (369804.7,
3809875.5,   497.4,   1482.1,   0.0);
     (369806.5, 3809899.5,   493.8,   1482.1,   0.0);   (369808.3,
3809923.5,   485.0,   1482.1,   0.0);
     (369810.1, 3809947.5,   488.0,   1482.1,   0.0);   (370404.6,
3809927.5,   485.9,   1482.1,   0.0);
     (370386.3, 3809944.4,   484.9,   1482.1,   0.0);   (370422.8,
3809955.5,   486.8,   1482.1,   0.0);
     (370382.5, 3809969.1,   485.0,   1482.1,   0.0);   (370346.8,

3809938.6,   484.8,   1482.1,   0.0);
     (370419.0, 3809980.3,   486.0,   1482.1,   0.0);   (370373.8,
3809991.3,   485.1,   1482.1,   0.0);
     (370326.2, 3809950.5,   484.3,   1482.1,   0.0);   (370415.2,
3810005.0,   484.5,   1482.1,   0.0);
     (370252.8, 3810018.4,   484.3,   1482.1,   0.0);   (370235.3,
3809978.1,   486.8,   1482.1,   0.0);
     (370400.0, 3810103.8,   481.5,   1482.1,   0.0);   (370343.5,
3810189.0,   477.8,   1482.1,   0.0);
     (370304.6, 3810168.3,   485.5,   1482.1,   0.0);   (370265.8,
3810147.7,   496.0,   1482.1,   0.0);
     (370161.9, 3810046.0,   491.3,   1482.1,   0.0);   (370144.3,
3810005.7,   488.4,   1482.1,   0.0);
     (370126.8, 3809965.4,   486.3,   1482.1,   0.0);   (370384.8,
3810202.6,   477.7,   1482.1,   0.0);
     (370328.3, 3810287.8,   478.2,   1482.1,   0.0);   (370289.5,
3810267.2,   477.5,   1482.1,   0.0);
     (370250.6, 3810246.6,   476.5,   1482.1,   0.0);   (370211.8,
3810225.9,   476.2,   1482.1,   0.0);
     (370173.0, 3810205.3,   477.7,   1482.1,   0.0);   (370062.2,
3810053.5,   478.4,   1482.1,   0.0);
     (370044.6, 3810013.2,   479.6,   1482.1,   0.0);   (370027.1,
3809972.9,   480.6,   1482.1,   0.0);
     (370369.7, 3810301.5,   479.1,   1482.1,   0.0);   (370313.1,
3810386.6,   478.5,   1482.1,   0.0);
     (370274.3, 3810366.0,   477.0,   1482.1,   0.0);   (370235.5,
3810345.4,   476.7,   1482.1,   0.0);
     (370196.6, 3810324.8,   476.6,   1482.1,   0.0);   (370157.8,
3810304.2,   475.8,   1482.1,   0.0);
     (370119.0, 3810283.5,   475.7,   1482.1,   0.0);   (370080.2,
3810262.9,   475.2,   1482.1,   0.0);
     (370032.6, 3810222.1,   475.5,   1482.1,   0.0);   (370015.1,
3810181.9,   478.8,   1482.1,   0.0);
     (369971.2, 3810081.1,   478.0,   1482.1,   0.0);   (369953.7,
3810040.8,   478.6,   1482.1,   0.0);
     (369936.1, 3810000.5,   482.1,   1482.1,   0.0);   (370354.5,
3810400.3,   479.6,   1482.1,   0.0);
     (370297.9, 3810485.5,   483.4,   1482.1,   0.0);   (370259.1,
3810464.9,   483.7,   1482.1,   0.0);

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 370220.3, 3810444.2,     480.6,    1482.1,       0.0);         ( 370181.5,
3810423.6,     478.7,    1482.1,       0.0);
     ( 370142.6, 3810403.0,     477.0,    1482.1,       0.0);         ( 370103.8,
3810382.4,     475.2,    1482.1,       0.0);
     ( 370065.0, 3810361.8,     475.3,    1482.1,       0.0);         ( 370026.2,
3810341.1,     475.1,    1482.1,       0.0);
     ( 369987.4, 3810320.5,     475.3,    1482.1,       0.0);         ( 369959.2,
3810290.1,     473.9,    1482.1,       0.0);
     ( 369941.7, 3810249.8,     474.1,    1482.1,       0.0);         ( 369924.1,
3810209.5,     474.2,    1482.1,       0.0);
     ( 369906.6, 3810169.2,     476.3,    1482.1,       0.0);         ( 369845.2,
3810028.1,     478.7,    1482.1,       0.0);
     ( 369827.6, 3809987.8,     484.8,    1482.1,       0.0);         ( 370339.3,
3810499.2,     481.0,    1482.1,       0.0);
     ( 370405.8, 3809901.7,     486.4,    1482.1,       0.0);         ( 370233.6,
3809870.4,     498.2,    1482.1,       0.0);
     ( 370135.2, 3809852.5,     494.6,    1482.1,       0.0);         ( 370036.8,
3809834.7,     483.1,    1482.1,       0.0);
     ( 369938.5, 3809816.8,     481.1,    1482.1,       0.0);         ( 369840.1,
3809799.0,     488.7,    1482.1,       0.0);
     ( 370358.3, 3809959.9,     485.0,    1482.1,       0.0);         ( 370232.0,
3809954.7,     484.4,    1482.1,       0.0);
     ( 370231.1, 3809921.8,     485.1,    1482.1,       0.0);         ( 370133.8,
3809941.5,     488.1,    1482.1,       0.0);
     ( 370132.8, 3809906.3,     494.7,    1482.1,       0.0);         ( 370035.9,
3809944.5,     481.5,    1482.1,       0.0);
     ( 370034.9, 3809908.0,     481.9,    1482.1,       0.0);         ( 370034.0,
3809871.5,     482.7,    1482.1,       0.0);
     ( 369938.8, 3809972.2,     482.0,    1482.1,       0.0);         ( 369937.8,
3809938.0,     480.3,    1482.1,       0.0);
     ( 369936.9, 3809903.8,     480.4,    1482.1,       0.0);         ( 369936.0,
3809869.6,     480.9,    1482.1,       0.0);
     ( 369840.5, 3809958.2,     487.0,    1482.1,       0.0);         ( 369839.5,
3809923.1,     485.2,    1482.1,       0.0);
     ( 369838.6, 3809887.9,     482.7,    1482.1,       0.0);         ( 369837.6,
3809852.7,     482.7,    1482.1,       0.0);
     ( 370451.8, 3809966.6,     487.0,    1482.1,       0.0);         ( 370452.9,
3809991.6,     486.6,    1482.1,       0.0);
     ( 370434.5, 3810017.4,     484.1,    1482.1,       0.0);         ( 370403.3,
3810032.4,     483.5,    1482.1,       0.0);
     ( 370343.2, 3809979.8,     486.4,    1482.1,       0.0);         ( 370421.5,
3810136.6,     479.8,    1482.1,       0.0);
     ( 370384.6, 3810125.1,     480.5,    1482.1,       0.0);         ( 370347.7,
3810113.6,     481.1,    1482.1,       0.0);
     ( 370459.5, 3810141.5,     479.6,    1482.1,       0.0);         ( 370426.7,
3810236.8,     479.4,    1482.1,       0.0);
     ( 370391.5, 3810225.8,     478.7,    1482.1,       0.0);         ( 370356.2,
3810214.8,     477.8,    1482.1,       0.0);
     ( 370321.0, 3810203.9,     478.4,    1482.1,       0.0);         ( 370285.7,
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3810192.9,   487.5,   1482.1,   0.0);
     (370240.4, 3810166.5,   493.9,   1482.1,   0.0);   (370463.8,
3810241.4,   479.6,   1482.1,   0.0);
     (370430.2, 3810336.4,   479.4,   1482.1,   0.0);   (370393.3,
3810324.9,   479.2,   1482.1,   0.0);
     (370301.0, 3810296.2,   477.4,   1482.1,   0.0);   (370264.1,
3810284.7,   477.0,   1482.1,   0.0);
     (370227.2, 3810273.2,   476.7,   1482.1,   0.0);   (370179.6,
3810245.6,   475.7,   1482.1,   0.0);
     (370147.9, 3810197.0,   479.4,   1482.1,   0.0);   (370468.2,
3810341.3,   480.1,   1482.1,   0.0);
     (370435.1, 3810436.5,   483.6,   1482.1,   0.0);   (370399.2,
3810425.3,   481.7,   1482.1,   0.0);
     (370255.6, 3810380.6,   476.9,   1482.1,   0.0);   (370219.7,
3810369.5,   476.5,   1482.1,   0.0);
     (370183.8, 3810358.3,   476.1,   1482.1,   0.0);   (370147.9,
3810347.1,   475.8,   1482.1,   0.0);
     (370119.7, 3810325.8,   475.8,   1482.1,   0.0);   (370099.1,
3810294.3,   475.4,   1482.1,   0.0);
     (370058.0, 3810231.4,   475.4,   1482.1,   0.0);   (370037.4,
3810199.9,   479.0,   1482.1,   0.0);
     (370472.5, 3810441.2,   484.4,   1482.1,   0.0);   (370439.0,
3810536.2,   484.4,   1482.1,   0.0);
     (370402.0, 3810524.7,   482.4,   1482.1,   0.0);   (370365.1,
3810513.2,   481.1,   1482.1,   0.0);
     (370272.8, 3810484.5,   483.6,   1482.1,   0.0);   (370235.9,
3810473.0,   483.9,   1482.1,   0.0);
     (370199.0, 3810461.5,   481.9,   1482.1,   0.0);   (370162.0,
3810450.1,   479.9,   1482.1,   0.0);
     (370125.1, 3810438.6,   478.9,   1482.1,   0.0);   (370088.2,
3810427.1,   477.9,   1482.1,   0.0);
     (370059.1, 3810405.2,   476.5,   1482.1,   0.0);   (370038.0,
3810372.8,   474.8,   1482.1,   0.0);
     (369985.1, 3810291.9,   474.5,   1482.1,   0.0);   (369963.9,
3810259.5,   473.6,   1482.1,   0.0);
     (369942.8, 3810227.1,   474.6,   1482.1,   0.0);   (369889.9,
3810146.2,   476.5,   1482.1,   0.0);
     (370476.9, 3810541.1,   485.5,   1482.1,   0.0);   (370474.6,
3809964.9,   486.9,   1482.1,   0.0);
     (370476.5, 3809989.8,   486.0,   1482.1,   0.0);   (370478.5,
3810014.8,   484.3,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.0, 3810139.4, 479.8, 1482.1, 0.0); (370495.7, 3810239.1, 479.5, 1482.1, 0.0);
(370503.4, 3810338.8, 480.6, 1482.1, 0.0); (370511.0, 3810438.5, 483.0, 1482.1, 0.0);
(370518.7, 3810538.2, 485.4, 1482.1, 0.0); (370509.4, 3809980.3, 486.0, 1482.1, 0.0);
(370549.4, 3809984.7, 485.4, 1482.1, 0.0); (370574.0, 3809984.1, 485.5, 1482.1, 0.0);
(370508.3, 3810153.7, 479.6, 1482.1, 0.0); (370553.5, 3810159.7, 479.9, 1482.1, 0.0);
(370578.0, 3810159.1, 480.4, 1482.1, 0.0); (370602.5, 3810158.5, 480.5, 1482.1, 0.0);
(370531.2, 3810260.2, 480.4, 1482.1, 0.0); (370555.8, 3810259.6, 480.7, 1482.1, 0.0);
(370580.3, 3810259.1, 481.2, 1482.1, 0.0); (370604.8, 3810258.5, 481.3, 1482.1, 0.0);
(370533.5, 3810360.2, 480.9, 1482.1, 0.0); (370558.0, 3810359.6, 480.7, 1482.1, 0.0);
(370582.6, 3810359.0, 481.2, 1482.1, 0.0); (370607.1, 3810358.5, 481.3, 1482.1, 0.0);
(370381.0, 3810410.9, 479.9, 1482.1, 0.0); (370535.8, 3810460.1, 485.2, 1482.1, 0.0);
(370560.3, 3810459.6, 485.3, 1482.1, 0.0); (370584.9, 3810459.0, 485.6, 1482.1, 0.0);
(370609.4, 3810458.5, 485.8, 1482.1, 0.0); (370538.1, 3810560.1, 486.3, 1482.1, 0.0);
(370562.6, 3810559.6, 486.4, 1482.1, 0.0); (370587.2, 3810559.0, 487.0, 1482.1, 0.0);
(370611.7, 3810558.4, 487.6, 1482.1, 0.0); (370636.3, 3810158.6, 481.2, 1482.1, 0.0);
(370636.3, 3810258.6, 481.5, 1482.1, 0.0); (370636.3, 3810358.6, 481.6, 1482.1, 0.0);
(370636.3, 3810458.6, 486.3, 1482.1, 0.0); (370636.3, 3810558.6, 488.2, 1482.1, 0.0);
(370628.5, 3809965.2, 495.3, 1482.1, 0.0); (370604.0, 3809960.0, 491.2, 1482.1, 0.0);
(370264.4, 3809874.8, 497.4, 1482.1, 0.0); (370166.6, 3809853.8, 502.0, 1482.1, 0.0);
(370068.8, 3809832.8, 483.6, 1482.1, 0.0); (370575.0, 3809959.2, 489.6, 1482.1, 0.0);
(370534.9, 3809384.2, 497.9, 1482.1, 0.0); (370447.5, 3809499.7, 494.5, 1482.1, 0.0);
(370501.3, 3809947.9, 487.0, 1482.1, 0.0); (370438.1, 3809603.7, 501.8, 1482.1, 0.0);
(370402.0, 3809828.0, 487.8, 1482.1, 0.0); (370298.8, 3809939.1, 485.1, 1482.1, 0.0);
(370243.9, 3809844.4, 504.9, 1482.1, 0.0); (370260.0,

3809822.7,   506.2,   1482.1,   0.0);
     (370276.1, 3809800.9,   499.1,   1482.1,   0.0);   (370135.9,
3809827.5,   489.6,   1482.1,   0.0);
     (370152.8, 3809804.7,   487.5,   1482.1,   0.0);   (370169.6,
3809781.9,   487.4,   1482.1,   0.0);
     (370220.2, 3809713.5,   487.6,   1482.1,   0.0);   (370250.0,
3809684.8,   488.7,   1482.1,   0.0);
     (370035.1, 3809800.9,   483.2,   1482.1,   0.0);   (370052.5,
3809777.5,   483.8,   1482.1,   0.0);
     (370069.8, 3809754.0,   484.5,   1482.1,   0.0);   (370156.6,
3809636.6,   487.4,   1482.1,   0.0);
     (370187.2, 3809607.0,   488.8,   1482.1,   0.0);   (369942.2,
3809763.6,   481.5,   1482.1,   0.0);
     (369959.1, 3809740.8,   482.1,   1482.1,   0.0);   (370043.4,
3809626.8,   484.7,   1482.1,   0.0);
     (370060.2, 3809604.0,   485.1,   1482.1,   0.0);   (370077.1,
3809581.2,   485.9,   1482.1,   0.0);
     (370094.0, 3809558.4,   486.8,   1482.1,   0.0);   (370123.7,
3809529.7,   486.0,   1482.1,   0.0);
     (369928.3, 3809788.6,   481.0,   1482.1,   0.0);   (370369.8,
3810015.2,   483.9,   1482.1,   0.0);
     (370346.0, 3810017.6,   483.2,   1482.1,   0.0);   (370322.1,
3810020.0,   482.5,   1482.1,   0.0);
     (370319.6, 3809995.1,   485.6,   1482.1,   0.0);   (370359.9,
3809438.3,   494.0,   1482.1,   0.0);
     (370298.0, 3810008.0,   484.2,   1482.1,   0.0);   (370395.8,
3809751.0,   489.5,   1482.1,   0.0);
     (370467.0, 3809564.1,   503.1,   1482.1,   0.0);   (370292.9,
3809981.5,   487.7,   1482.1,   0.0);
     (370272.3, 3809954.9,   484.4,   1482.1,   0.0);   (370274.2,
3809929.9,   485.5,   1482.1,   0.0);
     (370281.8, 3809830.2,   504.8,   1482.1,   0.0);   (370266.9,
3809728.8,   488.1,   1482.1,   0.0);
     (370296.8, 3809630.8,   490.3,   1482.1,   0.0);   (370229.1,
3810008.1,   487.3,   1482.1,   0.0);
     (370214.0, 3809988.2,   487.6,   1482.1,   0.0);   (370198.8,
3809968.3,   489.9,   1482.1,   0.0);
     (370200.7, 3809943.4,   491.0,   1482.1,   0.0);   (370165.9,
3809962.0,   496.8,   1482.1,   0.0);
     (370123.8, 3809771.2,   485.5,   1482.1,   0.0);   (370164.7,
3809759.1,   486.2,   1482.1,   0.0);
     (370226.0, 3809740.9,   487.3,   1482.1,   0.0);   (370043.8,
3809697.4,   484.6,   1482.1,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370148.6, 3809666.3, 487.2, 1482.1, 0.0); (369962.5, 3809624.0, 483.2, 1482.1, 0.0);
(370005.1, 3809611.3, 484.7, 1482.1, 0.0); (370111.6, 3809579.8, 486.8, 1482.1, 0.0);
(370175.5, 3809560.9, 494.4, 1482.1, 0.0); (370218.1, 3809548.3, 500.1, 1482.1, 0.0);
(369901.1, 3809544.7, 483.7, 1482.1, 0.0); (369982.8, 3809520.5, 484.7, 1482.1, 0.0);
(370023.7, 3809508.4, 485.2, 1482.1, 0.0); (370085.1, 3809490.2, 487.9, 1482.1, 0.0);
(370126.0, 3809478.1, 487.5, 1482.1, 0.0); (369862.9, 3809564.3, 483.9, 1482.1, 0.0);
(370199.0, 3810010.4, 498.2, 1482.1, 0.0); (370180.0, 3809987.7, 489.6, 1482.1, 0.0);
(370173.3, 3809938.2, 498.9, 1482.1, 0.0); (370283.7, 3809745.9, 488.4, 1482.1, 0.0);
(370146.6, 3809740.0, 486.3, 1482.1, 0.0); (370179.6, 3809638.1, 487.9, 1482.1, 0.0);
(370152.8, 3809439.9, 491.8, 1482.1, 0.0); (370334.3, 3809457.3, 493.6, 1482.1, 0.0);
(370379.7, 3809461.7, 494.2, 1482.1, 0.0); (370435.8, 3809480.6, 493.8, 1482.1, 0.0);
(370170.1, 3810018.6, 498.1, 1482.1, 0.0); (370121.7, 3809994.8, 486.6, 1482.1, 0.0);
(370105.1, 3809976.1, 484.5, 1482.1, 0.0); (370071.5, 3809879.7, 486.1, 1482.1, 0.0);
(369972.2, 3809826.6, 482.1, 1482.1, 0.0); (369938.6, 3809730.2, 481.8, 1482.1, 0.0);
(369974.0, 3809714.0, 482.8, 1482.1, 0.0); (370062.4, 3809673.4, 485.1, 1482.1, 0.0);
(369872.2, 3809655.5, 482.2, 1482.1, 0.0); (369978.3, 3809606.8, 483.5, 1482.1, 0.0);
(369805.8, 3809580.8, 489.1, 1482.1, 0.0); (369929.5, 3809523.9, 483.7, 1482.1, 0.0);
(370000.3, 3809491.4, 484.8, 1482.1, 0.0); (370035.7, 3809475.2, 485.3, 1482.1, 0.0);
(369772.8, 3809602.4, 501.0, 1482.1, 0.0); (370271.9, 3809767.4, 488.5, 1482.1, 0.0);
(370314.3, 3809567.9, 490.9, 1482.1, 0.0); (370091.7, 3810006.9, 486.2, 1482.1, 0.0);
(370100.6, 3809953.8, 483.2, 1482.1, 0.0); (370075.8, 3809933.6, 484.2, 1482.1, 0.0);
(370052.8, 3809734.0, 484.3, 1482.1, 0.0); (370069.0, 3809639.9, 485.3, 1482.1, 0.0);
(370010.3, 3809538.5, 485.3, 1482.1, 0.0); (370008.3,

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3809442.7,     485.3,    1482.1,       0.0);
     ( 370046.7, 3809446.4,     485.8,    1482.1,       0.0);         ( 370123.5,
3809453.8,     489.1,    1482.1,       0.0);
     ( 370076.3, 3809987.3,     482.8,    1482.1,       0.0);         ( 370034.3,
3810045.8,     478.7,    1482.1,       0.0);
     ( 370065.9, 3809965.2,     483.0,    1482.1,       0.0);         ( 370020.8,
3810016.6,     479.3,    1482.1,       0.0);
     ( 370007.2, 3809987.5,     480.7,    1482.1,       0.0);         ( 369989.4,
3810023.8,     479.0,    1482.1,       0.0);
     ( 369962.3, 3809887.9,     481.2,    1482.1,       0.0);         ( 369899.6,
3809980.0,     480.5,    1482.1,       0.0);
     ( 369863.7, 3809855.0,     479.8,    1482.1,       0.0);         ( 369963.9,
3809770.8,     482.1,    1482.1,       0.0);
     ( 370016.0, 3809746.4,     483.3,    1482.1,       0.0);         ( 369750.1,
3809840.3,     498.9,    1482.1,       0.0);
     ( 369775.1, 3809809.4,     500.2,    1482.1,       0.0);         ( 369825.1,
3809747.6,     485.6,    1482.1,       0.0);
     ( 369868.1, 3809708.2,     482.3,    1482.1,       0.0);         ( 369958.1,
3809665.9,     482.9,    1482.1,       0.0);
     ( 369728.8, 3809874.0,     481.8,    1482.1,       0.0);         ( 369659.5,
3809797.4,     476.4,    1482.1,       0.0);
     ( 369682.9, 3809768.4,     477.3,    1482.1,       0.0);         ( 369706.4,
3809739.4,     490.6,    1482.1,       0.0);
     ( 369729.8, 3809710.4,     508.0,    1482.1,       0.0);         ( 369753.3,
3809681.5,     506.6,    1482.1,       0.0);
     ( 369776.7, 3809652.5,     507.1,    1482.1,       0.0);         ( 369855.9,
3809606.2,     482.8,    1482.1,       0.0);
     ( 369889.6, 3809590.4,     482.3,    1482.1,       0.0);         ( 369974.0,
3809550.7,     483.9,    1482.1,       0.0);
     ( 369638.9, 3809830.1,     469.9,    1482.1,       0.0);         ( 369570.0,
3809753.1,     469.2,    1482.1,       0.0);
     ( 369594.1, 3809723.3,     476.7,    1482.1,       0.0);         ( 369618.2,
3809693.5,     484.6,    1482.1,       0.0);
     ( 369642.3, 3809663.7,     492.7,    1482.1,       0.0);         ( 369666.4,
3809633.8,     492.1,    1482.1,       0.0);
     ( 369690.5, 3809604.0,     494.3,    1482.1,       0.0);         ( 369714.6,
3809574.2,     507.4,    1482.1,       0.0);
     ( 369744.0, 3809551.1,     511.0,    1482.1,       0.0);         ( 369778.8,
3809534.8,     495.6,    1482.1,       0.0);
     ( 369813.5, 3809518.5,     494.6,    1482.1,       0.0);         ( 369882.8,
3809485.8,     485.7,    1482.1,       0.0);
     ( 369917.5, 3809469.5,     485.4,    1482.1,       0.0);         ( 369549.0,
3809786.2,     469.4,    1482.1,       0.0);
     ( 370070.8, 3810030.9,     480.2,    1482.1,       0.0);         ( 370176.4,
3809804.3,     492.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:57:22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370010.8, 3810053.8, 478.5, 1482.1, 0.0); (369982.9, 3809984.2, 481.2, 1482.1, 0.0);
(369976.6, 3809793.2, 482.2, 1482.1, 0.0); (370078.6, 3809796.0, 484.1, 1482.1, 0.0);
(370129.7, 3809797.4, 485.2, 1482.1, 0.0); (369941.3, 3809700.4, 482.3, 1482.1, 0.0);
(370011.9, 3809702.3, 484.1, 1482.1, 0.0); (370117.8, 3809705.3, 486.4, 1482.1, 0.0);
(370153.0, 3809706.3, 487.1, 1482.1, 0.0); (370085.8, 3809612.6, 485.9, 1482.1, 0.0);
(369884.6, 3809515.2, 485.3, 1482.1, 0.0); (370078.7, 3809520.6, 486.5, 1482.1, 0.0);
(370184.6, 3809523.5, 504.9, 1482.1, 0.0); (369995.0, 3810077.0, 477.8, 1482.1, 0.0);
(369949.3, 3810063.0, 478.4, 1482.1, 0.0); (369924.3, 3810063.0, 477.7, 1482.1, 0.0);
(369960.1, 3810002.6, 478.9, 1482.1, 0.0); (369825.0, 3810061.0, 476.9, 1482.1, 0.0);
(369849.5, 3809980.9, 483.6, 1482.1, 0.0); (369867.5, 3809954.4, 482.0, 1482.1, 0.0);
(369820.0, 3810095.7, 476.2, 1482.1, 0.0); (369725.2, 3810060.2, 474.0, 1482.1, 0.0);
(369735.5, 3810026.6, 474.9, 1482.1, 0.0); (369745.8, 3809993.0, 479.2, 1482.1, 0.0);
(369756.1, 3809959.3, 488.3, 1482.1, 0.0); (369766.5, 3809925.7, 493.0, 1482.1, 0.0);
(369867.5, 3809831.6, 480.9, 1482.1, 0.0); (369720.0, 3810095.7, 473.4, 1482.1, 0.0);
(369625.3, 3810059.8, 472.4, 1482.1, 0.0); (369635.9, 3810025.3, 471.8, 1482.1, 0.0);
(369646.5, 3809990.8, 472.3, 1482.1, 0.0); (369657.1, 3809956.3, 472.0, 1482.1, 0.0);
(369667.6, 3809921.8, 471.7, 1482.1, 0.0); (369678.2, 3809887.3, 472.2, 1482.1, 0.0);
(369702.9, 3809841.5, 480.6, 1482.1, 0.0); (369731.0, 3809818.9, 487.2, 1482.1, 0.0);
(369773.1, 3809784.9, 500.8, 1482.1, 0.0); (369843.4, 3809728.3, 483.7, 1482.1, 0.0);
(369620.0, 3810095.7, 473.2, 1482.1, 0.0); (369525.4, 3810059.5, 471.0, 1482.1, 0.0);
(369536.2, 3810024.5, 470.9, 1482.1, 0.0); (369546.9, 3809989.5, 470.9, 1482.1, 0.0);
(369557.6, 3809954.4, 470.8, 1482.1, 0.0); (369568.4,

```
3809919.4,     470.4,    1482.1,       0.0);
     ( 369579.1, 3809884.3,     469.8,    1482.1,       0.0);         ( 369589.9,
3809849.3,     469.2,    1482.1,       0.0);
     ( 369600.6, 3809814.3,     469.1,    1482.1,       0.0);         ( 369620.3,
3809785.3,     470.7,    1482.1,       0.0);
     ( 369648.8, 3809762.3,     477.9,    1482.1,       0.0);         ( 369677.3,
3809739.3,     479.4,    1482.1,       0.0);
     ( 369705.9, 3809716.3,     494.7,    1482.1,       0.0);         ( 369520.0,
3810095.7,     469.4,    1482.1,       0.0);
     ( 369425.5, 3810059.3,     468.2,    1482.1,       0.0);         ( 369436.3,
3810023.9,     469.9,    1482.1,       0.0);
     ( 369447.2, 3809988.5,     469.8,    1482.1,       0.0);         ( 369458.0,
3809953.1,     469.7,    1482.1,       0.0);
     ( 369468.9, 3809917.7,     469.6,    1482.1,       0.0);         ( 369479.8,
3809882.3,     469.4,    1482.1,       0.0);
     ( 369490.6, 3809846.9,     469.4,    1482.1,       0.0);         ( 369501.5,
3809811.5,     469.6,    1482.1,       0.0);
     ( 369512.3, 3809776.1,     469.0,    1482.1,       0.0);         ( 369537.6,
3809729.1,     469.1,    1482.1,       0.0);
     ( 369566.5, 3809705.8,     473.9,    1482.1,       0.0);         ( 369595.3,
3809682.6,     487.1,    1482.1,       0.0);
     ( 369420.0, 3810095.7,     469.2,    1482.1,       0.0);         ( 369901.7,
3810040.3,     477.6,    1482.1,       0.0);
     ( 369880.5, 3810031.8,     477.8,    1482.1,       0.0);         ( 369932.2,
3810025.5,     477.9,    1482.1,       0.0);
     ( 369911.0, 3810017.0,     478.6,    1482.1,       0.0);         ( 369889.7,
3810008.6,     478.2,    1482.1,       0.0);
     ( 369868.5, 3810000.1,     479.5,    1482.1,       0.0);         ( 370114.3,
3809506.0,     485.9,    1482.1,       0.0);
     ( 369860.7, 3809758.3,     487.7,    1482.1,       0.0);         ( 369776.1,
3809755.3,     498.4,    1482.1,       0.0);
     ( 369843.7, 3809660.2,     486.3,    1482.1,       0.0);         ( 369773.9,
3809557.1,     494.9,    1482.1,       0.0);
     ( 369913.1, 3809570.4,     482.9,    1482.1,       0.0);         ( 369965.3,
3809575.4,     483.4,    1482.1,       0.0);
     ( 370000.1, 3809578.7,     485.6,    1482.1,       0.0);         ( 369755.4,
3809458.8,     496.9,    1482.1,       0.0);
     ( 369790.5, 3809462.2,     495.2,    1482.1,       0.0);         ( 369825.7,
3809465.6,     490.9,    1482.1,       0.0);
     ( 369720.0, 3809460.5,     502.9,    1482.1,       0.0);         ( 369809.7,
3810039.1,     477.0,    1482.1,       0.0);
     ( 369799.5, 3810060.3,     476.5,    1482.1,       0.0);         ( 369787.1,
3810028.3,     476.9,    1482.1,       0.0);
     ( 369777.0, 3810049.5,     476.2,    1482.1,       0.0);         ( 369775.6,
3810004.0,     478.4,    1482.1,       0.0);
     ( 369802.3, 3809983.4,     482.5,    1482.1,       0.0);         ( 369754.5,
3810038.6,     475.7,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 473.1, 1482.1, 0.0); (369752.6, 3809872.5, 491.7, 1482.1, 0.0);
(369773.7, 3809863.0, 503.8, 1482.1, 0.0); (369605.6, 3809866.1, 469.6, 1482.1, 0.0);
(369620.2, 3809848.1, 469.4, 1482.1, 0.0); (369691.6, 3809793.2, 479.3, 1482.1, 0.0);
(369712.7, 3809783.7, 483.0, 1482.1, 0.0); (369733.9, 3809774.2, 492.9, 1482.1, 0.0);
(369755.0, 3809764.7, 504.0, 1482.1, 0.0); (369530.0, 3809804.8, 469.8, 1482.1, 0.0);
(369630.6, 3809713.9, 477.4, 1482.1, 0.0); (369651.8, 3809704.4, 484.4, 1482.1, 0.0);
(369672.9, 3809694.9, 491.3, 1482.1, 0.0); (369694.0, 3809685.5, 497.9, 1482.1, 0.0);
(369715.2, 3809676.0, 505.5, 1482.1, 0.0); (369736.3, 3809666.5, 511.3, 1482.1, 0.0);
(369396.1, 3809815.5, 468.7, 1482.1, 0.0); (369410.7, 3809797.5, 468.8, 1482.1, 0.0);
(369425.3, 3809779.5, 468.8, 1482.1, 0.0); (369439.9, 3809761.5, 468.8, 1482.1, 0.0);
(369454.5, 3809743.5, 468.9, 1482.1, 0.0); (369469.1, 3809725.5, 469.1, 1482.1, 0.0);
(369483.7, 3809707.6, 469.4, 1482.1, 0.0); (369498.2, 3809689.6, 470.0, 1482.1, 0.0);
(369512.8, 3809671.6, 470.5, 1482.1, 0.0); (369548.6, 3809644.1, 477.8, 1482.1, 0.0);
(369569.7, 3809634.6, 476.5, 1482.1, 0.0); (369590.8, 3809625.2, 477.8, 1482.1, 0.0);
(369612.0, 3809615.7, 480.1, 1482.1, 0.0); (369633.1, 3809606.2, 482.9, 1482.1, 0.0);
(369654.2, 3809596.7, 483.9, 1482.1, 0.0); (369675.3, 3809587.2, 485.8, 1482.1, 0.0);
(369381.5, 3809833.5, 468.7, 1482.1, 0.0); (369371.4, 3809854.6, 468.6, 1482.1, 0.0);
(369306.0, 3809772.2, 468.2, 1482.1, 0.0); (369320.6, 3809754.2, 468.3, 1482.1, 0.0);
(369335.2, 3809736.2, 468.4, 1482.1, 0.0); (369349.8, 3809718.2, 468.6, 1482.1, 0.0);
(369364.3, 3809700.2, 468.6, 1482.1, 0.0); (369378.9, 3809682.2, 468.7, 1482.1, 0.0);
(369393.5, 3809664.3, 468.9, 1482.1, 0.0); (369408.1,

```
3809646.3,     470.1,    1482.1,       0.0);
     ( 369422.7, 3809628.3,     471.4,    1482.1,       0.0);         ( 369437.3,
3809610.3,     472.7,    1482.1,       0.0);
     ( 369451.9, 3809592.3,     474.6,    1482.1,       0.0);         ( 369487.6,
3809564.8,     476.8,    1482.1,       0.0);
     ( 369508.7, 3809555.4,     478.7,    1482.1,       0.0);         ( 369529.9,
3809545.9,     480.6,    1482.1,       0.0);
     ( 369551.0, 3809536.4,     482.8,    1482.1,       0.0);         ( 369572.1,
3809526.9,     489.9,    1482.1,       0.0);
     ( 369593.3, 3809517.4,     494.3,    1482.1,       0.0);         ( 369614.4,
3809508.0,     495.5,    1482.1,       0.0);
     ( 369635.5, 3809498.5,     501.1,    1482.1,       0.0);         ( 369656.6,
3809489.0,     509.0,    1482.1,       0.0);
     ( 369677.8, 3809479.5,     516.2,    1482.1,       0.0);         ( 369698.9,
3809470.0,     514.0,    1482.1,       0.0);
     ( 369291.4, 3809790.2,     468.0,    1482.1,       0.0);         ( 369281.2,
3809811.3,     467.7,    1482.1,       0.0);
     ( 369775.2, 3810088.7,     475.1,    1482.1,       0.0);         ( 369752.7,
3810077.9,     474.4,    1482.1,       0.0);
     ( 369759.5, 3810117.8,     474.2,    1482.1,       0.0);         ( 369736.0,
3810126.6,     473.9,    1482.1,       0.0);
     ( 369635.7, 3810121.8,     473.4,    1482.1,       0.0);         ( 369642.4,
3810161.7,     472.0,    1482.1,       0.0);
     ( 369542.1, 3810155.1,     470.1,    1482.1,       0.0);         ( 369544.0,
3810112.3,     469.5,    1482.1,       0.0);
     ( 369545.9, 3810069.5,     471.2,    1482.1,       0.0);         ( 369548.8,
3810196.8,     470.5,    1482.1,       0.0);
     ( 369448.5, 3810190.7,     469.5,    1482.1,       0.0);         ( 369450.3,
3810148.9,     469.5,    1482.1,       0.0);
     ( 369452.2, 3810107.1,     470.3,    1482.1,       0.0);         ( 369454.1,
3810065.2,     468.7,    1482.1,       0.0);
     ( 369455.2, 3810231.9,     469.6,    1482.1,       0.0);         ( 369354.8,
3810226.1,     474.0,    1482.1,       0.0);
     ( 369356.7, 3810184.8,     469.1,    1482.1,       0.0);         ( 369358.5,
3810143.6,     468.7,    1482.1,       0.0);
     ( 369360.3, 3810102.3,     468.4,    1482.1,       0.0);         ( 369362.2,
3810061.0,     468.4,    1482.1,       0.0);
     ( 369364.0, 3810019.7,     467.9,    1482.1,       0.0);         ( 369365.9,
3809978.4,     469.0,    1482.1,       0.0);
     ( 369367.7, 3809937.2,     469.0,    1482.1,       0.0);         ( 369369.5,
3809895.9,     468.6,    1482.1,       0.0);
     ( 369361.5, 3810267.1,     478.7,    1482.1,       0.0);         ( 369261.2,
3810260.5,     475.7,    1482.1,       0.0);
     ( 369263.1, 3810217.7,     478.6,    1482.1,       0.0);         ( 369265.0,
3810174.9,     481.8,    1482.1,       0.0);
     ( 369267.0, 3810132.2,     480.7,    1482.1,       0.0);         ( 369268.9,
3810089.4,     479.6,    1482.1,       0.0);
     ( 369270.8, 3810046.6,     470.0,    1482.1,       0.0);         ( 369272.7,
3810003.8,     466.7,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369274.6, 3809961.0, 466.9, 1482.1, 0.0); (369276.5, 3809918.3, 466.8, 1482.1, 0.0);
(369278.4, 3809875.5, 468.0, 1482.1, 0.0); (369267.9, 3810302.2, 477.4, 1482.1, 0.0);
(369835.8, 3810124.8, 474.8, 1482.1, 0.0); (369855.3, 3810137.1, 475.2, 1482.1, 0.0);
(369792.9, 3810121.4, 475.1, 1482.1, 0.0); (369822.5, 3810146.0, 474.0, 1482.1, 0.0);
(369841.9, 3810158.3, 474.0, 1482.1, 0.0); (369779.6, 3810142.5, 474.5, 1482.1, 0.0);
(369809.1, 3810167.1, 473.5, 1482.1, 0.0); (369828.6, 3810179.4, 473.1, 1482.1, 0.0);
(369762.9, 3810159.5, 473.7, 1482.1, 0.0); (369795.8, 3810188.3, 473.0, 1482.1, 0.0);
(369815.3, 3810200.6, 472.8, 1482.1, 0.0); (369709.6, 3810244.1, 471.5, 1482.1, 0.0);
(369682.7, 3810211.1, 470.9, 1482.1, 0.0); (369742.5, 3810272.9, 471.9, 1482.1, 0.0);
(369761.9, 3810285.1, 472.0, 1482.1, 0.0); (369656.2, 3810328.7, 472.4, 1482.1, 0.0);
(369629.4, 3810295.7, 472.0, 1482.1, 0.0); (369602.5, 3810262.8, 471.4, 1482.1, 0.0);
(369575.7, 3810229.8, 470.6, 1482.1, 0.0); (369689.1, 3810357.5, 473.6, 1482.1, 0.0);
(369708.6, 3810369.7, 474.2, 1482.1, 0.0); (369602.9, 3810413.3, 476.7, 1482.1, 0.0);
(369576.0, 3810380.3, 474.0, 1482.1, 0.0); (369549.2, 3810347.3, 472.6, 1482.1, 0.0);
(369522.3, 3810314.4, 472.1, 1482.1, 0.0); (369495.5, 3810281.4, 471.1, 1482.1, 0.0);
(369635.8, 3810442.1, 476.9, 1482.1, 0.0); (369655.3, 3810454.3, 479.1, 1482.1, 0.0);
(369548.6, 3810496.7, 494.9, 1482.1, 0.0); (369534.2, 3810479.0, 491.2, 1482.1, 0.0);
(369519.8, 3810461.4, 488.7, 1482.1, 0.0); (369505.4, 3810443.7, 485.6, 1482.1, 0.0);
(369491.0, 3810426.0, 486.0, 1482.1, 0.0); (369476.7, 3810408.4, 481.9, 1482.1, 0.0);
(369462.3, 3810390.7, 477.7, 1482.1, 0.0); (369447.9,

3810373.1,   478.2,   1482.1,   0.0);
     (369433.5, 3810355.4,   477.6,   1482.1,   0.0);   (369419.1,
3810337.7,   477.3,   1482.1,   0.0);
     (369404.7, 3810320.1,   479.6,   1482.1,   0.0);   (369390.3,
3810302.4,   478.6,   1482.1,   0.0);
     (369375.9, 3810284.7,   475.5,   1482.1,   0.0);   (369563.0,
3810514.4,   502.6,   1482.1,   0.0);
     (369582.5, 3810526.6,   501.9,   1482.1,   0.0);   (369601.9,
3810538.9,   501.2,   1482.1,   0.0);
     (369495.5, 3810581.5,   532.8,   534.8,   0.0);   (369481.2,
3810564.0,   530.7,   1385.3,   0.0);
     (369467.0, 3810546.6,   526.9,   1481.8,   0.0);   (369438.6,
3810511.7,   521.7,   1482.1,   0.0);
     (369424.3, 3810494.2,   516.5,   1482.1,   0.0);   (369410.1,
3810476.8,   508.9,   1482.1,   0.0);
     (369395.9, 3810459.3,   503.4,   1482.1,   0.0);   (369381.7,
3810441.8,   493.3,   1482.1,   0.0);
     (369353.2, 3810406.9,   485.0,   1482.1,   0.0);   (369339.0,
3810389.5,   483.6,   1482.1,   0.0);
     (369324.8, 3810372.0,   481.7,   1482.1,   0.0);   (369310.6,
3810354.6,   481.3,   1482.1,   0.0);
     (369296.4, 3810337.1,   480.9,   1482.1,   0.0);   (369509.7,
3810599.0,   529.9,   1459.2,   0.0);
     (369529.1, 3810611.2,   519.9,   1482.1,   0.0);   (369548.6,
3810623.5,   517.8,   1482.1,   0.0);
     (369674.6, 3810067.5,   472.7,   1482.1,   0.0);   (369577.6,
3810043.2,   471.5,   1482.1,   0.0);
     (369480.5, 3810019.0,   470.4,   1482.1,   0.0);   (369383.5,
3809994.7,   469.2,   1482.1,   0.0);
     (369865.2, 3810163.2,   475.6,   1482.1,   0.0);   (369851.6,
3810184.2,   474.1,   1482.1,   0.0);
     (369838.0, 3810205.2,   473.1,   1482.1,   0.0);   (369824.4,
3810226.1,   472.8,   1482.1,   0.0);
     (369676.3, 3810175.8,   471.7,   1482.1,   0.0);   (369674.3,
3810145.3,   473.8,   1482.1,   0.0);
     (369672.3, 3810114.8,   473.5,   1482.1,   0.0);   (369770.1,
3810310.1,   472.5,   1482.1,   0.0);
     (369582.0, 3810193.1,   470.3,   1482.1,   0.0);   (369579.8,
3810159.8,   469.9,   1482.1,   0.0);
     (369577.7, 3810126.6,   470.8,   1482.1,   0.0);   (369575.5,
3810093.4,   471.8,   1482.1,   0.0);
     (369715.7, 3810394.0,   475.3,   1482.1,   0.0);   (369490.1,
3810247.1,   470.2,   1482.1,   0.0);
     (369488.0, 3810214.6,   470.0,   1482.1,   0.0);   (369485.9,
3810182.1,   469.8,   1482.1,   0.0);
     (369483.8, 3810149.6,   469.9,   1482.1,   0.0);   (369481.6,
3810117.1,   469.7,   1482.1,   0.0);
     (369479.5, 3810084.6,   469.0,   1482.1,   0.0);   (369477.4,
3810052.1,   471.1,   1482.1,   0.0);
     (369661.4, 3810478.0,   480.4,   1482.1,   0.0);   (369395.9,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (369393.7, 3810231.7,   469.7,   1482.1,   0.0);   (369391.5,
3810197.8,   469.4,   1482.1,   0.0);
     (369389.3, 3810164.0,   468.8,   1482.1,   0.0);   (369387.0,
3810130.1,   468.7,   1482.1,   0.0);
     (369384.8, 3810096.3,   468.7,   1482.1,   0.0);   (369381.5,
3810045.5,   468.1,   1482.1,   0.0);
     (369607.0, 3810561.9,   497.3,   1482.1,   0.0);   (369302.9,
3810303.1,   476.0,   1482.1,   0.0);
     (369300.8, 3810269.9,   476.2,   1482.1,   0.0);   (369298.6,
3810236.7,   478.1,   1482.1,   0.0);
     (369296.4, 3810203.4,   481.8,   1482.1,   0.0);   (369294.2,
3810170.2,   481.9,   1482.1,   0.0);
     (369292.1, 3810136.9,   477.5,   1482.1,   0.0);   (369289.9,
3810103.7,   473.0,   1482.1,   0.0);
     (369287.7, 3810070.5,   470.5,   1482.1,   0.0);   (369552.7,
3810645.9,   523.6,   1482.1,   0.0);
     (369879.1, 3810188.2,   474.8,   1482.1,   0.0);   (369887.5,
3810212.3,   473.6,   1482.1,   0.0);
     (369862.8, 3810208.8,   473.2,   1482.1,   0.0);   (369893.2,
3810236.1,   473.7,   1482.1,   0.0);
     (369865.7, 3810232.1,   473.4,   1482.1,   0.0);   (369921.4,
3810332.1,   473.9,   1482.1,   0.0);
     (369893.9, 3810328.1,   473.3,   1482.1,   0.0);   (369866.4,
3810324.1,   472.5,   1482.1,   0.0);
     (369838.8, 3810320.1,   472.4,   1482.1,   0.0);   (369811.3,
3810316.1,   472.6,   1482.1,   0.0);
     (369949.6, 3810329.8,   474.8,   1482.1,   0.0);   (369948.8,
3810427.9,   476.5,   1482.1,   0.0);
     (369919.7, 3810423.7,   476.6,   1482.1,   0.0);   (369890.5,
3810419.4,   476.4,   1482.1,   0.0);
     (369861.4, 3810415.2,   476.1,   1482.1,   0.0);   (369832.3,
3810411.0,   475.8,   1482.1,   0.0);
     (369803.1, 3810406.7,   475.7,   1482.1,   0.0);   (369774.0,
3810402.5,   475.8,   1482.1,   0.0);
     (369744.8, 3810398.3,   475.6,   1482.1,   0.0);   (369977.8,
3810425.8,   476.4,   1482.1,   0.0);
     (369977.2, 3810523.9,   478.9,   1482.1,   0.0);   (369948.5,

3810519.7,   480.6,   1482.1,   0.0);
     (369919.8, 3810515.5,   481.8,   1482.1,   0.0);   (369891.1,
3810511.3,   482.1,   1482.1,   0.0);
     (369862.4, 3810507.2,   481.8,   1482.1,   0.0);   (369833.7,
3810503.0,   481.5,   1482.1,   0.0);
     (369804.9, 3810498.8,   481.1,   1482.1,   0.0);   (369776.2,
3810494.7,   480.4,   1482.1,   0.0);
     (369747.5, 3810490.5,   479.9,   1482.1,   0.0);   (369718.8,
3810486.3,   480.1,   1482.1,   0.0);
     (369690.1, 3810482.1,   480.3,   1482.1,   0.0);   (370006.0,
3810521.7,   480.7,   1482.1,   0.0);
     (370005.1, 3810619.8,   479.9,   1482.1,   0.0);   (369975.6,
3810615.5,   478.4,   1482.1,   0.0);
     (369946.1, 3810611.2,   479.1,   1482.1,   0.0);   (369916.6,
3810606.9,   481.6,   1482.1,   0.0);
     (369887.1, 3810602.6,   481.5,   1482.1,   0.0);   (369857.6,
3810598.3,   481.0,   1482.1,   0.0);
     (369828.1, 3810594.0,   481.5,   1482.1,   0.0);   (369798.7,
3810589.8,   482.4,   1482.1,   0.0);
     (369769.2, 3810585.5,   479.8,   1482.1,   0.0);   (369739.7,
3810581.2,   479.7,   1482.1,   0.0);
     (369710.2, 3810576.9,   480.2,   1482.1,   0.0);   (369680.7,
3810572.6,   482.7,   1482.1,   0.0);
     (369651.2, 3810568.3,   485.4,   1482.1,   0.0);   (370034.2,
3810617.7,   480.5,   1482.1,   0.0);
     (370033.5, 3810715.7,   482.8,   1482.1,   0.0);   (370004.3,
3810711.5,   482.7,   1482.1,   0.0);
     (369975.2, 3810707.2,   481.9,   1482.1,   0.0);   (369946.0,
3810703.0,   482.9,   1482.1,   0.0);
     (369916.9, 3810698.8,   486.4,   1482.1,   0.0);   (369887.8,
3810694.5,   487.2,   1482.1,   0.0);
     (369858.6, 3810690.3,   492.4,   1482.1,   0.0);   (369829.5,
3810686.1,   495.2,   1482.1,   0.0);
     (369800.3, 3810681.8,   487.3,   1482.1,   0.0);   (369771.2,
3810677.6,   483.2,   1482.1,   0.0);
     (369742.1, 3810673.4,   491.1,   1482.1,   0.0);   (369712.9,
3810669.1,   504.1,   1482.1,   0.0);
     (369683.8, 3810664.9,   506.9,   1482.1,   0.0);   (369654.6,
3810660.7,   501.2,   1482.1,   0.0);
     (369625.5, 3810656.4,   497.1,   1482.1,   0.0);   (369596.4,
3810652.2,   502.0,   1482.1,   0.0);
     (370062.4, 3810713.6,   483.1,   1482.1,   0.0);   (369930.0,
3810171.2,   476.5,   1482.1,   0.0);
     (369915.7, 3810247.0,   473.9,   1482.1,   0.0);   (369793.0,
3810520.8,   480.6,   1482.1,   0.0);
     (369735.8, 3810604.7,   483.5,   1482.1,   0.0);   (369678.5,
3810688.6,   514.0,   1482.1,   0.0);
     (369711.2, 3810703.3,   508.6,   1482.1,   0.0);   (369951.0,
3810180.1,   476.4,   1482.1,   0.0);
     (369974.7, 3810185.5,   476.4,   1482.1,   0.0);   (370069.5,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (369987.3, 3810239.7,   474.5,   1482.1,   0.0);   (370011.0,
3810245.1,   474.4,   1482.1,   0.0);
     (370034.6, 3810250.5,   474.5,   1482.1,   0.0);   (370058.3,
3810255.9,   474.9,   1482.1,   0.0);
     (370005.4, 3810269.5,   474.5,   1482.1,   0.0);   (370029.1,
3810274.9,   474.8,   1482.1,   0.0);
     (370052.8, 3810280.3,   474.9,   1482.1,   0.0);   (369935.7,
3810356.1,   473.9,   1482.1,   0.0);
     (369959.4, 3810361.5,   474.0,   1482.1,   0.0);   (369983.1,
3810366.9,   474.2,   1482.1,   0.0);
     (370006.8, 3810372.4,   474.4,   1482.1,   0.0);   (369871.1,
3810442.0,   476.3,   1482.1,   0.0);
     (369913.4, 3810453.6,   476.8,   1482.1,   0.0);   (369937.1,
3810459.0,   477.9,   1482.1,   0.0);
     (369960.8, 3810464.4,   477.9,   1482.1,   0.0);   (369984.5,
3810469.8,   479.5,   1482.1,   0.0);
     (370008.2, 3810475.3,   481.6,   1482.1,   0.0);   (369848.8,
3810539.4,   477.1,   1482.1,   0.0);
     (369891.1, 3810551.1,   477.7,   1482.1,   0.0);   (369914.8,
3810556.5,   478.9,   1482.1,   0.0);
     (369938.5, 3810561.9,   478.5,   1482.1,   0.0);   (369962.2,
3810567.3,   477.9,   1482.1,   0.0);
     (369985.9, 3810572.8,   478.1,   1482.1,   0.0);   (369826.5,
3810636.9,   482.4,   1482.1,   0.0);
     (369789.3, 3810624.5,   482.1,   1482.1,   0.0);   (369868.9,
3810648.6,   484.7,   1482.1,   0.0);
     (369892.5, 3810654.0,   484.8,   1482.1,   0.0);   (369916.2,
3810659.4,   484.6,   1482.1,   0.0);
     (369939.9, 3810664.8,   481.6,   1482.1,   0.0);   (369963.6,
3810670.2,   480.5,   1482.1,   0.0);
     (369800.5, 3810733.2,   496.1,   1482.1,   0.0);   (369778.2,
3810725.7,   489.5,   1482.1,   0.0);
     (369755.9, 3810718.2,   489.0,   1482.1,   0.0);   (369733.5,
3810710.7,   496.3,   1482.1,   0.0);
     (369822.9, 3810740.6,   505.8,   1482.1,   0.0);   (369846.6,

3810746.1,   503.9,   1482.1,   0.0);
     (369870.3, 3810751.5,   491.5,   1482.1,   0.0);   (369894.0,
3810756.9,   489.2,   1482.1,   0.0);
     (369917.6, 3810762.3,   489.0,   1482.1,   0.0);   (369941.3,
3810767.7,   489.1,   1482.1,   0.0);
     (370097.2, 3810203.4,   481.2,   1482.1,   0.0);   (370086.3,
3810231.5,   475.5,   1482.1,   0.0);
     (370119.3, 3810223.9,   476.6,   1482.1,   0.0);   (370108.4,
3810252.1,   475.4,   1482.1,   0.0);
     (370136.5, 3810373.9,   475.6,   1482.1,   0.0);   (370125.8,
3810475.1,   482.9,   1482.1,   0.0);
     (370092.2, 3810475.2,   482.4,   1482.1,   0.0);   (370058.6,
3810475.2,   482.1,   1482.1,   0.0);
     (370148.8, 3810572.6,   479.7,   1482.1,   0.0);   (370116.2,
3810572.6,   479.4,   1482.1,   0.0);
     (370083.6, 3810572.6,   479.5,   1482.1,   0.0);   (370051.0,
3810572.7,   479.9,   1482.1,   0.0);
     (370018.5, 3810572.7,   479.9,   1482.1,   0.0);   (370181.5,
3810568.7,   479.8,   1482.1,   0.0);
     (370171.5, 3810670.0,   484.0,   1482.1,   0.0);   (370139.6,
3810670.0,   483.9,   1482.1,   0.0);
     (370107.6, 3810670.1,   483.7,   1482.1,   0.0);   (370075.6,
3810670.1,   482.3,   1482.1,   0.0);
     (370043.6, 3810670.1,   481.7,   1482.1,   0.0);   (370011.6,
3810670.2,   481.7,   1482.1,   0.0);
     (370204.0, 3810666.2,   484.1,   1482.1,   0.0);   (370193.2,
3810767.4,   493.0,   1482.1,   0.0);
     (370159.7, 3810767.5,   500.4,   1482.1,   0.0);   (370126.1,
3810767.5,   498.8,   1482.1,   0.0);
     (370092.5, 3810767.6,   492.2,   1482.1,   0.0);   (370058.9,
3810767.6,   485.5,   1482.1,   0.0);
     (370025.3, 3810767.6,   485.5,   1482.1,   0.0);   (369991.7,
3810767.7,   484.7,   1482.1,   0.0);
     (370226.5, 3810763.6,   488.9,   1482.1,   0.0);   (369890.0,
3810626.2,   483.3,   1482.1,   0.0);
     (369840.9, 3810713.3,   502.6,   1482.1,   0.0);   (370144.5,
3810239.5,   475.7,   1482.1,   0.0);
     (370132.2, 3810261.3,   475.8,   1482.1,   0.0);   (370171.6,
3810285.3,   475.9,   1482.1,   0.0);
     (370172.5, 3810386.9,   476.1,   1482.1,   0.0);   (370174.2,
3810482.4,   483.3,   1482.1,   0.0);
     (370038.8, 3810460.2,   479.5,   1482.1,   0.0);   (370209.0,
3810481.8,   483.6,   1482.1,   0.0);
     (370006.7, 3810550.1,   478.2,   1482.1,   0.0);   (369955.9,
3810541.8,   477.7,   1482.1,   0.0);
     (370209.9, 3810583.4,   480.1,   1482.1,   0.0);   (370245.4,
3810576.6,   480.5,   1482.1,   0.0);
     (370032.5, 3810649.5,   481.4,   1482.1,   0.0);   (369996.9,
3810643.7,   480.0,   1482.1,   0.0);
     (369961.2, 3810637.9,   479.3,   1482.1,   0.0);   (369925.6,

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (369964.6, 3810733.6,   483.4,   1482.1,   0.0);   (369929.2,
3810727.8,   486.2,   1482.1,   0.0);
     (369893.9, 3810722.0,   488.3,   1482.1,   0.0);   (370247.2,
3810779.8,   488.3,   1482.1,   0.0);
     (370282.8, 3810773.1,   487.8,   1482.1,   0.0);   (370197.7,
3810206.9,   478.0,   1482.1,   0.0);
     (370201.0, 3810256.8,   476.2,   1482.1,   0.0);   (370202.7,
3810281.7,   476.5,   1482.1,   0.0);
     (370196.7, 3810382.4,   476.2,   1482.1,   0.0);   (370210.8,
3810782.3,   489.8,   1482.1,   0.0);
     (370233.3, 3810215.2,   479.8,   1482.1,   0.0);   (370261.3,
3810183.9,   489.7,   1482.1,   0.0);
     (370266.0, 3810216.2,   479.1,   1482.1,   0.0);   (370284.6,
3810232.9,   476.4,   1482.1,   0.0);
     (370328.3, 3810323.4,   479.2,   1482.1,   0.0);   (370294.3,
3810340.0,   477.8,   1482.1,   0.0);
     (370401.4, 3810390.7,   481.1,   1482.1,   0.0);   (370327.3,
3810426.9,   481.4,   1482.1,   0.0);
     (370290.2, 3810445.1,   483.3,   1482.1,   0.0);   (370433.9,
3810366.0,   480.3,   1482.1,   0.0);
     (370458.3, 3810465.9,   485.9,   1482.1,   0.0);   (370422.1,
3810483.6,   485.0,   1482.1,   0.0);
     (370385.8, 3810501.4,   482.4,   1482.1,   0.0);   (370331.5,
3810527.9,   480.4,   1482.1,   0.0);
     (370295.2, 3810545.6,   480.5,   1482.1,   0.0);   (370522.5,
3810416.9,   481.8,   1482.1,   0.0);
     (370551.3, 3810523.5,   485.0,   1482.1,   0.0);   (370497.6,
3810549.8,   485.9,   1482.1,   0.0);
     (370461.9, 3810567.2,   485.4,   1482.1,   0.0);   (370426.1,
3810584.7,   484.9,   1482.1,   0.0);
     (370390.4, 3810602.2,   484.3,   1482.1,   0.0);   (370354.6,
3810619.7,   482.4,   1482.1,   0.0);
     (370318.8, 3810637.1,   482.5,   1482.1,   0.0);   (370283.1,

3810654.6,   483.9,   1482.1,   0.0);
     (370583.1, 3810499.1,   487.1,   1482.1,   0.0);   (370625.3,
3810590.4,   487.9,   1482.1,   0.0);
     (370588.2, 3810608.5,   489.7,   1482.1,   0.0);   (370551.1,
3810626.6,   492.4,   1482.1,   0.0);
     (370514.1, 3810644.8,   488.6,   1482.1,   0.0);   (370477.0,
3810662.9,   486.5,   1482.1,   0.0);
     (370440.0, 3810681.0,   486.7,   1482.1,   0.0);   (370402.9,
3810699.1,   487.1,   1482.1,   0.0);
     (370365.8, 3810717.2,   487.2,   1482.1,   0.0);   (370328.8,
3810735.3,   486.3,   1482.1,   0.0);
     (370657.8, 3810565.7,   488.9,   1482.1,   0.0);   (370310.1,
3810228.2,   477.2,   1482.1,   0.0);
     (370352.1, 3810424.7,   481.3,   1482.1,   0.0);   (370419.7,
3810508.1,   482.2,   1482.1,   0.0);
     (370412.8, 3810615.3,   485.9,   1482.1,   0.0);   (370450.0,
3810603.4,   485.8,   1482.1,   0.0);
     (370405.9, 3810722.4,   487.6,   1482.1,   0.0);   (370443.1,
3810710.6,   488.0,   1482.1,   0.0);
     (370480.3, 3810698.7,   487.6,   1482.1,   0.0);   (370315.6,
3810145.1,   480.6,   1482.1,   0.0);
     (370332.8, 3810163.3,   478.9,   1482.1,   0.0);   (370365.2,
3810167.1,   478.6,   1482.1,   0.0);
     (370420.4, 3810281.4,   479.5,   1482.1,   0.0);   (370471.6,
3810364.4,   480.8,   1482.1,   0.0);
     (370556.1, 3810427.8,   482.0,   1482.1,   0.0);   (370487.9,
3810467.9,   486.4,   1482.1,   0.0);
     (370588.4, 3810403.3,   482.4,   1482.1,   0.0);   (370624.4,
3810500.7,   488.1,   1482.1,   0.0);
     (370589.5, 3810521.2,   486.1,   1482.1,   0.0);   (370502.3,
3810572.6,   486.6,   1482.1,   0.0);
     (370657.0, 3810476.0,   489.2,   1482.1,   0.0);   (370692.8,
3810573.5,   489.7,   1482.1,   0.0);
     (370657.4, 3810594.4,   488.1,   1482.1,   0.0);   (370622.0,
3810615.3,   490.6,   1482.1,   0.0);
     (370586.6, 3810636.1,   492.5,   1482.1,   0.0);   (370551.1,
3810657.0,   491.8,   1482.1,   0.0);
     (370515.7, 3810677.9,   488.4,   1482.1,   0.0);   (370725.7,
3810548.7,   490.4,   1482.1,   0.0);
     (370339.7, 3810134.9,   480.4,   1482.1,   0.0);   (370363.1,
3810132.4,   480.4,   1482.1,   0.0);
     (370389.1, 3810154.7,   479.3,   1482.1,   0.0);   (370391.8,
3810179.5,   478.3,   1482.1,   0.0);
     (370415.2, 3810177.0,   478.4,   1482.1,   0.0);   (370438.5,
3810174.4,   478.8,   1482.1,   0.0);
     (370417.9, 3810201.8,   478.1,   1482.1,   0.0);   (370441.2,
3810199.3,   478.4,   1482.1,   0.0);
     (370405.3, 3810303.8,   479.2,   1482.1,   0.0);   (370452.0,
3810298.7,   479.7,   1482.1,   0.0);
     (370439.5, 3810400.7,   480.7,   1482.1,   0.0);   (370462.8,

3810398.1,   481.2,   1482.1,   0.0);
     (370450.3, 3810500.1,   483.2,   1482.1,   0.0);   (370473.6,
3810497.5,   483.8,   1482.1,   0.0);
     (370484.4, 3810597.0,   487.9,   1482.1,   0.0);   (370469.8,
3810120.8,   479.9,   1482.1,   0.0);
     (370475.1, 3810170.5,   479.1,   1482.1,   0.0);   (370477.8,
3810195.4,   479.1,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370488.5, 3810294.8,   479.9,   1482.1,   0.0);   (370499.2,
3810394.2,   480.9,   1482.1,   0.0);
     (370509.9, 3810493.6,   485.0,   1482.1,   0.0);   (370520.6,
3810593.1,   486.8,   1482.1,   0.0);
     (370549.6, 3810690.5,   491.3,   1482.1,   0.0);   (370336.4,
3810228.2,   477.6,   1482.1,   0.0);
     (370169.7, 3810339.6,   476.2,   1482.1,   0.0);   (370090.8,
3810401.0,   476.2,   1482.1,   0.0);
     (370029.6, 3810485.2,   482.5,   1482.1,   0.0);   (370526.9,
3810167.6,   479.7,   1482.1,   0.0);
     (370500.7, 3810191.8,   479.5,   1482.1,   0.0);   (370526.0,
3810192.6,   479.6,   1482.1,   0.0);
     (370499.8, 3810216.8,   479.3,   1482.1,   0.0);   (370525.2,
3810217.6,   479.2,   1482.1,   0.0);
     (370399.3, 3810267.1,   479.3,   1482.1,   0.0);   (370377.7,
3810256.1,   478.7,   1482.1,   0.0);
     (370356.1, 3810245.1,   478.4,   1482.1,   0.0);   (370496.5,
3810316.7,   480.0,   1482.1,   0.0);
     (370521.9, 3810317.5,   480.4,   1482.1,   0.0);   (370482.3,
3810411.1,   481.0,   1482.1,   0.0);
     (370396.0, 3810367.1,   480.4,   1482.1,   0.0);   (370374.4,
3810356.1,   479.5,   1482.1,   0.0);
     (370352.8, 3810345.1,   479.3,   1482.1,   0.0);   (370277.2,
3810306.5,   477.0,   1482.1,   0.0);
     (370400.2, 3810470.9,   485.8,   1482.1,   0.0);   (370377.8,
3810459.5,   485.1,   1482.1,   0.0);
     (370355.4, 3810448.1,   484.7,   1482.1,   0.0);   (370299.4,
3810419.5,   479.9,   1482.1,   0.0);
     (370277.0, 3810408.1,   478.7,   1482.1,   0.0);   (370489.8,
3810516.6,   484.1,   1482.1,   0.0);
     (370397.5, 3810571.2,   484.1,   1482.1,   0.0);   (370375.3,

3810559.9,   482.9,   1482.1,   0.0);
     (370353.1, 3810548.5,   481.9,   1482.1,   0.0);   (370308.6,
3810525.8,   480.0,   1482.1,   0.0);
     (370286.4, 3810514.5,   479.7,   1482.1,   0.0);   (370253.0,
3810497.5,   481.4,   1482.1,   0.0);
     (370499.1, 3810616.9,   487.4,   1482.1,   0.0);   (370394.6,
3810671.4,   486.3,   1482.1,   0.0);
     (370372.5, 3810660.1,   485.7,   1482.1,   0.0);   (370350.4,
3810648.8,   484.4,   1482.1,   0.0);
     (370295.1, 3810620.6,   482.1,   1482.1,   0.0);   (370273.0,
3810609.3,   481.8,   1482.1,   0.0);
     (370162.3, 3810552.9,   479.1,   1482.1,   0.0);   (370140.2,
3810541.6,   478.4,   1482.1,   0.0);
     (370118.1, 3810530.4,   478.9,   1482.1,   0.0);   (370096.0,
3810519.1,   479.9,   1482.1,   0.0);
     (370073.9, 3810507.8,   481.1,   1482.1,   0.0);   (370495.8,
3810716.9,   488.6,   1482.1,   0.0);
     (370547.9, 3810133.5,   479.6,   1482.1,   0.0);   (370567.3,
3810109.8,   480.1,   1482.1,   0.0);
     (370586.7, 3810125.7,   480.4,   1482.1,   0.0);   (370548.3,
3810188.2,   479.7,   1482.1,   0.0);
     (370593.8, 3810190.3,   480.3,   1482.1,   0.0);   (370554.9,
3810211.7,   479.4,   1482.1,   0.0);
     (370671.1, 3810253.8,   481.9,   1482.1,   0.0);   (370635.0,
3810281.5,   481.1,   1482.1,   0.0);
     (370596.1, 3810302.8,   480.9,   1482.1,   0.0);   (370566.4,
3810308.7,   480.8,   1482.1,   0.0);
     (370692.8, 3810232.8,   482.3,   1482.1,   0.0);   (370748.4,
3810317.3,   483.2,   1482.1,   0.0);
     (370724.3, 3810335.7,   482.6,   1482.1,   0.0);   (370700.3,
3810354.1,   482.4,   1482.1,   0.0);
     (370676.2, 3810372.6,   482.7,   1482.1,   0.0);   (370637.3,
3810393.9,   482.7,   1482.1,   0.0);
     (370770.1, 3810296.2,   483.3,   1482.1,   0.0);   (370825.6,
3810380.8,   483.4,   1482.1,   0.0);
     (370801.6, 3810399.2,   483.0,   1482.1,   0.0);   (370777.5,
3810417.6,   485.7,   1482.1,   0.0);
     (370753.5, 3810436.0,   486.3,   1482.1,   0.0);   (370729.5,
3810454.5,   486.6,   1482.1,   0.0);
     (370705.4, 3810472.9,   489.1,   1482.1,   0.0);   (370678.6,
3810485.0,   489.6,   1482.1,   0.0);
     (370530.0, 3810514.5,   484.7,   1482.1,   0.0);   (370847.4,
3810359.7,   483.8,   1482.1,   0.0);
     (370902.9, 3810444.2,   484.4,   1482.1,   0.0);   (370878.9,
3810462.7,   485.5,   1482.1,   0.0);
     (370854.8, 3810481.1,   489.7,   1482.1,   0.0);   (370830.8,
3810499.5,   493.1,   1482.1,   0.0);
     (370806.8, 3810517.9,   492.3,   1482.1,   0.0);   (370782.7,
3810536.4,   491.5,   1482.1,   0.0);
     (370758.7, 3810554.8,   490.5,   1482.1,   0.0);   (370719.8,

3810576.2,   490.9,   1482.1,   0.0);
     (370924.6, 3810423.2,   484.4,   1482.1,   0.0);   (370980.2,
3810507.7,   488.2,   1482.1,   0.0);
     (370956.1, 3810526.1,   493.0,   1482.1,   0.0);   (370932.1,
3810544.6,   495.2,   1482.1,   0.0);
     (370908.1, 3810563.0,   495.2,   1482.1,   0.0);   (370884.0,
3810581.4,   496.7,   1482.1,   0.0);
     (370860.0, 3810599.8,   496.4,   1482.1,   0.0);   (370836.0,
3810618.3,   494.9,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (370811.9, 3810636.7,   493.4,   1482.1,   0.0);   (370787.9,
3810655.1,   492.8,   1482.1,   0.0);
     (370761.0, 3810667.3,   492.2,   1482.1,   0.0);   (370731.3,
3810673.2,   492.8,   1482.1,   0.0);
     (370701.6, 3810679.0,   491.5,   1482.1,   0.0);   (370671.9,
3810684.9,   491.1,   1482.1,   0.0);
     (370642.2, 3810690.8,   492.8,   1482.1,   0.0);   (370612.5,
3810696.7,   492.7,   1482.1,   0.0);
     (370582.8, 3810702.6,   492.5,   1482.1,   0.0);   (370538.2,
3810711.4,   489.9,   1482.1,   0.0);
     (371001.9, 3810486.7,   486.2,   1482.1,   0.0);   (370553.8,
3810393.9,   481.4,   1482.1,   0.0);
     (370555.8, 3810493.9,   486.2,   1482.1,   0.0);   (370557.7,
3810593.9,   486.8,   1482.1,   0.0);
     (370620.5, 3810108.0,   480.8,   1482.1,   0.0);   (370657.8,
3810092.0,   481.1,   1482.1,   0.0);
     (370630.5, 3810131.0,   480.8,   1482.1,   0.0);   (370667.7,
3810114.9,   481.4,   1482.1,   0.0);
     (370659.0, 3810145.9,   481.6,   1482.1,   0.0);   (370696.2,
3810129.8,   481.6,   1482.1,   0.0);
     (370631.7, 3810184.9,   480.0,   1482.1,   0.0);   (370668.9,
3810168.8,   481.2,   1482.1,   0.0);
     (370706.1, 3810152.8,   482.0,   1482.1,   0.0);   (370671.3,
3810276.7,   481.9,   1482.1,   0.0);
     (370708.5, 3810260.7,   482.4,   1482.1,   0.0);   (370745.8,
3810244.6,   482.8,   1482.1,   0.0);
     (370729.6, 3810360.5,   482.2,   1482.1,   0.0);   (370766.8,
3810344.4,   483.0,   1482.1,   0.0);
     (370769.2, 3810452.3,   488.4,   1482.1,   0.0);   (370806.4,

3810436.2,   486.3,   1482.1,   0.0);
     (370808.8, 3810544.1,   492.4,   1482.1,   0.0);   (370846.1,
3810528.0,   493.1,   1482.1,   0.0);
     (370867.1, 3810627.9,   496.5,   1482.1,   0.0);   (370904.3,
3810611.8,   498.2,   1482.1,   0.0);
     (370683.3, 3810079.4,   480.9,   1482.1,   0.0);   (370701.6,
3810062.7,   481.9,   1482.1,   0.0);
     (370719.9, 3810046.1,   483.9,   1482.1,   0.0);   (370738.1,
3810029.4,   484.6,   1482.1,   0.0);
     (370756.4, 3810012.7,   485.1,   1482.1,   0.0);   (370774.7,
3809996.0,   486.4,   1482.1,   0.0);
     (370700.2, 3810097.9,   481.4,   1482.1,   0.0);   (370718.5,
3810081.2,   482.1,   1482.1,   0.0);
     (370736.7, 3810064.5,   483.7,   1482.1,   0.0);   (370755.0,
3810047.8,   484.4,   1482.1,   0.0);
     (370773.3, 3810031.1,   485.0,   1482.1,   0.0);   (370791.5,
3810014.5,   485.3,   1482.1,   0.0);
     (370717.1, 3810116.3,   481.7,   1482.1,   0.0);   (370735.3,
3810099.7,   481.7,   1482.1,   0.0);
     (370753.6, 3810083.0,   482.8,   1482.1,   0.0);   (370771.9,
3810066.3,   484.3,   1482.1,   0.0);
     (370790.1, 3810049.6,   484.9,   1482.1,   0.0);   (370808.4,
3810032.9,   485.4,   1482.1,   0.0);
     (370733.9, 3810134.8,   481.9,   1482.1,   0.0);   (370752.2,
3810118.1,   481.7,   1482.1,   0.0);
     (370770.5, 3810101.4,   481.9,   1482.1,   0.0);   (370788.7,
3810084.7,   483.7,   1482.1,   0.0);
     (370807.0, 3810068.1,   484.7,   1482.1,   0.0);   (370825.3,
3810051.4,   485.2,   1482.1,   0.0);
     (370782.8, 3810220.6,   483.3,   1482.1,   0.0);   (370819.6,
3810191.9,   482.5,   1482.1,   0.0);
     (370837.9, 3810175.3,   482.2,   1482.1,   0.0);   (370856.2,
3810158.6,   483.2,   1482.1,   0.0);
     (370874.4, 3810141.9,   484.1,   1482.1,   0.0);   (370892.7,
3810125.2,   484.8,   1482.1,   0.0);
     (370852.1, 3810293.2,   483.9,   1482.1,   0.0);   (370818.8,
3810314.8,   484.0,   1482.1,   0.0);
     (370887.1, 3810265.8,   484.5,   1482.1,   0.0);   (370905.3,
3810249.1,   483.3,   1482.1,   0.0);
     (370923.6, 3810232.4,   482.7,   1482.1,   0.0);   (370941.9,
3810215.7,   482.8,   1482.1,   0.0);
     (370960.1, 3810199.0,   484.7,   1482.1,   0.0);   (370917.7,
3810368.3,   484.7,   1482.1,   0.0);
     (370880.6, 3810392.2,   484.2,   1482.1,   0.0);   (370843.6,
3810416.2,   483.9,   1482.1,   0.0);
     (370954.5, 3810339.6,   485.2,   1482.1,   0.0);   (370972.8,
3810322.9,   485.2,   1482.1,   0.0);
     (370991.1, 3810306.2,   485.3,   1482.1,   0.0);   (371009.3,
3810289.5,   484.5,   1482.1,   0.0);
     (371027.6, 3810272.9,   483.2,   1482.1,   0.0);   (370983.8,

3810443.0,   485.5,   1482.1,   0.0);
     (370964.0, 3810455.8,   485.5,   1482.1,   0.0);   (370944.1,
3810468.6,   485.8,   1482.1,   0.0);
     (370924.3, 3810481.5,   486.2,   1482.1,   0.0);   (370904.4,
3810494.3,   488.4,   1482.1,   0.0);
     (370884.5, 3810507.2,   491.8,   1482.1,   0.0);   (371003.7,
3810430.1,   485.4,   1482.1,   0.0);
     (371022.0, 3810413.4,   485.2,   1482.1,   0.0);   (371040.2,
3810396.8,   485.8,   1482.1,   0.0);
     (371058.5, 3810380.1,   486.4,   1482.1,   0.0);   (371076.8,
3810363.4,   486.5,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371095.0, 3810346.7,   486.5,   1482.1,   0.0);   (371052.6,
3810515.9,   487.7,   1482.1,   0.0);
     (371015.5, 3810539.9,   491.8,   1482.1,   0.0);   (370978.5,
3810563.9,   496.7,   1482.1,   0.0);
     (370941.4, 3810587.8,   499.2,   1482.1,   0.0);   (371089.4,
3810487.3,   486.3,   1482.1,   0.0);
     (371107.7, 3810470.6,   486.5,   1482.1,   0.0);   (371126.0,
3810453.9,   486.9,   1482.1,   0.0);
     (371144.2, 3810437.2,   486.4,   1482.1,   0.0);   (371162.5,
3810420.5,   485.4,   1482.1,   0.0);
     (370823.6, 3810014.7,   485.6,   1482.1,   0.0);   (370847.0,
3810018.9,   486.0,   1482.1,   0.0);
     (370870.4, 3810023.1,   487.9,   1482.1,   0.0);   (370893.8,
3810027.3,   488.4,   1482.1,   0.0);
     (370917.2, 3810031.4,   489.9,   1482.1,   0.0);   (370940.7,
3810035.6,   494.6,   1482.1,   0.0);
     (370964.1, 3810039.8,   493.0,   1482.1,   0.0);   (370987.5,
3810044.0,   490.2,   1482.1,   0.0);
     (371010.9, 3810048.2,   491.6,   1482.1,   0.0);   (370866.0,
3810047.7,   485.4,   1482.1,   0.0);
     (370889.5, 3810051.9,   485.5,   1482.1,   0.0);   (370912.9,
3810056.0,   486.2,   1482.1,   0.0);
     (370936.3, 3810060.2,   488.6,   1482.1,   0.0);   (370959.7,
3810064.4,   492.2,   1482.1,   0.0);
     (370983.1, 3810068.6,   495.2,   1482.1,   0.0);   (371006.5,
3810072.8,   493.8,   1482.1,   0.0);
     (370861.6, 3810072.3,   484.9,   1482.1,   0.0);   (370885.0,

3810076.5,   484.9,   1482.1,   0.0);
     (370908.5, 3810080.7,   485.1,   1482.1,   0.0);   (370931.9,
3810084.8,   485.4,   1482.1,   0.0);
     (370955.3, 3810089.0,   487.3,   1482.1,   0.0);   (370978.7,
3810093.2,   490.1,   1482.1,   0.0);
     (371002.1, 3810097.4,   494.5,   1482.1,   0.0);   (370833.8,
3810092.7,   484.4,   1482.1,   0.0);
     (370857.2, 3810096.9,   484.8,   1482.1,   0.0);   (370880.6,
3810101.1,   484.3,   1482.1,   0.0);
     (370904.1, 3810105.3,   484.8,   1482.1,   0.0);   (370927.5,
3810109.5,   485.1,   1482.1,   0.0);
     (370950.9, 3810113.6,   485.4,   1482.1,   0.0);   (370974.3,
3810117.8,   487.0,   1482.1,   0.0);
     (370997.7, 3810122.0,   490.4,   1482.1,   0.0);   (370722.6,
3810174.4,   480.7,   1482.1,   0.0);
     (370746.0, 3810178.6,   480.5,   1482.1,   0.0);   (370769.4,
3810182.8,   480.9,   1482.1,   0.0);
     (370792.8, 3810187.0,   481.6,   1482.1,   0.0);   (370863.0,
3810199.5,   482.0,   1482.1,   0.0);
     (370886.5, 3810203.7,   481.8,   1482.1,   0.0);   (370909.9,
3810207.9,   482.3,   1482.1,   0.0);
     (370980.1, 3810220.4,   482.9,   1482.1,   0.0);   (370728.4,
3810277.0,   483.0,   1482.1,   0.0);
     (370751.8, 3810281.2,   483.2,   1482.1,   0.0);   (370798.6,
3810289.6,   483.5,   1482.1,   0.0);
     (370892.3, 3810306.3,   484.6,   1482.1,   0.0);   (370915.7,
3810310.5,   484.9,   1482.1,   0.0);
     (370939.1, 3810314.7,   485.1,   1482.1,   0.0);   (370710.8,
3810375.5,   482.1,   1482.1,   0.0);
     (370757.6, 3810383.8,   483.2,   1482.1,   0.0);   (370781.0,
3810388.0,   483.1,   1482.1,   0.0);
     (370898.1, 3810409.0,   484.5,   1482.1,   0.0);   (370740.0,
3810482.3,   488.6,   1482.1,   0.0);
     (370763.4, 3810486.5,   489.5,   1482.1,   0.0);   (370786.8,
3810490.7,   490.8,   1482.1,   0.0);
     (370927.3, 3810515.8,   491.5,   1482.1,   0.0);   (370745.8,
3810584.9,   491.2,   1482.1,   0.0);
     (370769.2, 3810589.1,   491.1,   1482.1,   0.0);   (370792.7,
3810593.3,   492.3,   1482.1,   0.0);
     (370816.1, 3810597.5,   494.7,   1482.1,   0.0);   (371046.6,
3810082.6,   501.7,   1482.1,   0.0);
     (371071.1, 3810084.3,   509.6,   1482.1,   0.0);   (371095.5,
3810086.0,   516.7,   1482.1,   0.0);
     (371120.0, 3810087.8,   522.3,   1482.1,   0.0);   (371144.4,
3810089.5,   523.4,   1482.1,   0.0);
     (371044.8, 3810107.5,   500.7,   1482.1,   0.0);   (371069.3,
3810109.3,   510.3,   1482.1,   0.0);
     (371093.8, 3810111.0,   520.9,   1482.1,   0.0);   (371118.2,
3810112.7,   529.9,   1482.1,   0.0);
     (371142.7, 3810114.4,   532.5,   1482.1,   0.0);   (371018.6,

3810130.7,   493.9,   1482.1,   0.0);
     (371043.1, 3810132.5,   499.0,   1482.1,   0.0);   (371067.5,
3810134.2,   507.6,   1482.1,   0.0);
     (371092.0, 3810135.9,   520.7,   1482.1,   0.0);   (371116.4,
3810137.7,   532.3,   1482.1,   0.0);
     (371140.9, 3810139.4,   536.8,   1482.1,   0.0);   (370998.0,
3810148.1,   490.1,   1482.1,   0.0);
     (371041.3, 3810157.4,   497.0,   1482.1,   0.0);   (371065.8,
3810159.1,   499.3,   1482.1,   0.0);
     (371090.2, 3810160.9,   512.1,   1482.1,   0.0);   (371114.7,
3810162.6,   526.0,   1482.1,   0.0);
     (371139.1, 3810164.3,   531.4,   1482.1,   0.0);   (370987.2,
3810246.4,   483.0,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370964.5, 3810237.3,   482.3,   1482.1,   0.0);   (370843.8,
3810128.0,   484.5,   1482.1,   0.0);
     (371009.8, 3810255.4,   483.1,   1482.1,   0.0);   (371058.7,
3810258.9,   483.4,   1482.1,   0.0);
     (371083.2, 3810260.6,   487.1,   1482.1,   0.0);   (371107.6,
3810262.3,   489.9,   1482.1,   0.0);
     (371132.1, 3810264.1,   492.6,   1482.1,   0.0);   (370981.5,
3810346.7,   485.0,   1482.1,   0.0);
     (370820.5, 3810268.0,   483.8,   1482.1,   0.0);   (370808.2,
3810248.7,   484.0,   1482.1,   0.0);
     (371002.8, 3810355.2,   485.3,   1482.1,   0.0);   (371027.2,
3810356.9,   485.8,   1482.1,   0.0);
     (371125.0, 3810363.8,   486.0,   1482.1,   0.0);   (370950.4,
3810436.8,   484.9,   1482.1,   0.0);
     (370729.6, 3810302.7,   483.0,   1482.1,   0.0);   (370663.8,
3810200.1,   479.9,   1482.1,   0.0);
     (371020.2, 3810456.7,   485.8,   1482.1,   0.0);   (371044.6,
3810458.4,   485.9,   1482.1,   0.0);
     (371069.1, 3810460.1,   486.3,   1482.1,   0.0);   (370692.8,
3810421.7,   484.0,   1482.1,   0.0);
     (370680.2, 3810401.9,   483.1,   1482.1,   0.0);   (370629.5,
3810323.0,   480.9,   1482.1,   0.0);
     (371037.6, 3810558.1,   496.4,   1482.1,   0.0);   (371062.0,
3810559.9,   493.9,   1482.1,   0.0);
     (371086.5, 3810561.6,   493.6,   1482.1,   0.0);   (371110.9,

3810563.3,   492.4,   1482.1,   0.0);
     (370959.0, 3810645.4,   501.2,   1482.1,   0.0);   (370936.3,
3810636.3,   500.5,   1482.1,   0.0);
     (370687.1, 3810536.7,   488.5,   1482.1,   0.0);   (370664.5,
3810527.6,   487.9,   1482.1,   0.0);
     (370589.1, 3810436.4,   482.4,   1482.1,   0.0);   (370483.7,
3810272.1,   479.8,   1482.1,   0.0);
     (370981.6, 3810654.4,   508.1,   1482.1,   0.0);   (371006.1,
3810656.2,   513.1,   1482.1,   0.0);
     (371030.5, 3810657.9,   512.1,   1482.1,   0.0);   (371055.0,
3810659.6,   508.9,   1482.1,   0.0);
     (371079.4, 3810661.3,   506.4,   1482.1,   0.0);   (371103.9,
3810663.1,   506.2,   1482.1,   0.0);
     (371167.5, 3810080.6,   518.8,   1482.1,   0.0);   (371165.5,
3810108.7,   528.3,   1482.1,   0.0);
     (371178.9, 3810129.8,   536.3,   1482.1,   0.0);   (371191.2,
3810151.1,   545.2,   1482.1,   0.0);
     (371165.2, 3810157.7,   542.8,   1482.1,   0.0);   (371245.0,
3810235.4,   545.0,   1482.1,   0.0);
     (371218.9, 3810242.0,   530.3,   1482.1,   0.0);   (371192.9,
3810248.7,   510.9,   1482.1,   0.0);
     (371166.8, 3810255.3,   503.5,   1482.1,   0.0);   (371298.7,
3810319.8,   503.4,   1482.1,   0.0);
     (371272.6, 3810326.4,   500.1,   1482.1,   0.0);   (371246.6,
3810333.0,   492.2,   1482.1,   0.0);
     (371220.5, 3810339.6,   486.3,   1482.1,   0.0);   (371194.5,
3810346.2,   484.6,   1482.1,   0.0);
     (371168.5, 3810352.8,   484.1,   1482.1,   0.0);   (371352.1,
3810404.2,   486.1,   1482.1,   0.0);
     (371325.1, 3810411.0,   485.9,   1482.1,   0.0);   (371298.1,
3810417.9,   485.5,   1482.1,   0.0);
     (371271.1, 3810424.8,   484.7,   1482.1,   0.0);   (371244.1,
3810431.6,   484.9,   1482.1,   0.0);
     (371217.0, 3810438.4,   485.1,   1482.1,   0.0);   (371190.0,
3810445.3,   484.9,   1482.1,   0.0);
     (371163.0, 3810452.2,   486.1,   1482.1,   0.0);   (371405.9,
3810488.5,   486.3,   1482.1,   0.0);
     (371379.1, 3810495.3,   485.9,   1482.1,   0.0);   (371352.3,
3810502.1,   485.6,   1482.1,   0.0);
     (371325.5, 3810508.9,   485.7,   1482.1,   0.0);   (371298.6,
3810515.7,   485.2,   1482.1,   0.0);
     (371271.8, 3810522.5,   485.7,   1482.1,   0.0);   (371245.0,
3810529.3,   486.0,   1482.1,   0.0);
     (371218.2, 3810536.1,   486.2,   1482.1,   0.0);   (371191.4,
3810542.9,   487.6,   1482.1,   0.0);
     (371164.6, 3810549.7,   488.0,   1482.1,   0.0);   (371137.8,
3810556.5,   489.4,   1482.1,   0.0);
     (371459.7, 3810572.8,   486.4,   1482.1,   0.0);   (371433.0,
3810579.6,   487.8,   1482.1,   0.0);
     (371406.3, 3810586.4,   490.1,   1482.1,   0.0);   (371379.6,

3810593.1,   492.8,   1482.1,   0.0);
     (371353.0, 3810599.9,   492.2,   1482.1,   0.0);   (371326.3,
3810606.7,   494.1,   1482.1,   0.0);
     (371299.6, 3810613.4,   491.9,   1482.1,   0.0);   (371272.9,
3810620.2,   490.0,   1482.1,   0.0);
     (371246.2, 3810627.0,   493.6,   1482.1,   0.0);   (371219.5,
3810633.8,   496.9,   1482.1,   0.0);
     (371192.8, 3810640.5,   500.1,   1482.1,   0.0);   (371166.1,
3810647.3,   500.6,   1482.1,   0.0);
     (371139.5, 3810654.0,   502.0,   1482.1,   0.0);   (371179.1,
3810059.5,   513.0,   1482.1,   0.0);
     (371201.0, 3810071.5,   514.3,   1482.1,   0.0);   (371189.4,
3810092.6,   525.6,   1482.1,   0.0);
     (371204.1, 3810042.3,   503.8,   1482.1,   0.0);   (371226.0,
3810071.5,   511.8,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371211.4, 3810104.7,   526.4,   1482.1,   0.0);   (371229.1,
3810042.3,   503.3,   1482.1,   0.0);
     (371250.0, 3810075.6,   510.5,   1482.1,   0.0);   (371230.5,
3810119.7,   527.2,   1482.1,   0.0);
     (371254.1, 3810042.3,   501.8,   1482.1,   0.0);   (371350.0,
3810075.6,   516.0,   1482.1,   0.0);
     (371341.8, 3810107.6,   516.7,   1482.1,   0.0);   (371333.5,
3810139.7,   518.8,   1482.1,   0.0);
     (371318.1, 3810167.8,   527.6,   1482.1,   0.0);   (371295.5,
3810192.0,   543.7,   1482.1,   0.0);
     (371272.9, 3810216.1,   549.7,   1482.1,   0.0);   (371354.1,
3810042.3,   504.6,   1482.1,   0.0);
     (371450.0, 3810075.6,   505.2,   1482.1,   0.0);   (371441.8,
3810107.6,   505.5,   1482.1,   0.0);
     (371433.5, 3810139.7,   511.3,   1482.1,   0.0);   (371425.3,
3810171.8,   521.3,   1482.1,   0.0);
     (371405.8, 3810215.9,   533.7,   1482.1,   0.0);   (371383.2,
3810240.1,   538.9,   1482.1,   0.0);
     (371360.5, 3810264.2,   536.0,   1482.1,   0.0);   (371337.9,
3810288.4,   531.2,   1482.1,   0.0);
     (371454.1, 3810042.3,   503.2,   1482.1,   0.0);   (371550.0,
3810075.6,   505.6,   1482.1,   0.0);
     (371541.8, 3810107.6,   511.7,   1482.1,   0.0);   (371533.5,

3810139.7,   521.7,   1482.1,   0.0);
     (371525.3, 3810171.8,   529.9,   1482.1,   0.0);   (371517.1,
3810203.8,   544.6,   1482.1,   0.0);
     (371508.9, 3810235.9,   538.7,   1482.1,   0.0);   (371493.5,
3810264.0,   523.9,   1482.1,   0.0);
     (371470.8, 3810288.1,   512.0,   1482.1,   0.0);   (371448.2,
3810312.3,   498.7,   1482.1,   0.0);
     (371425.6, 3810336.5,   497.0,   1482.1,   0.0);   (371403.0,
3810360.6,   499.1,   1482.1,   0.0);
     (371380.3, 3810384.8,   492.4,   1482.1,   0.0);   (371554.1,
3810042.3,   505.7,   1482.1,   0.0);
     (371650.0, 3810075.6,   512.5,   1482.1,   0.0);   (371641.8,
3810107.6,   510.9,   1482.1,   0.0);
     (371633.5, 3810139.7,   515.4,   1482.1,   0.0);   (371625.3,
3810171.8,   525.1,   1482.1,   0.0);
     (371617.1, 3810203.8,   541.9,   1482.1,   0.0);   (371608.9,
3810235.9,   544.3,   1482.1,   0.0);
     (371600.7, 3810267.9,   526.5,   1482.1,   0.0);   (371581.1,
3810312.1,   525.5,   1482.1,   0.0);
     (371558.5, 3810336.2,   520.3,   1482.1,   0.0);   (371535.9,
3810360.4,   506.2,   1482.1,   0.0);
     (371513.3, 3810384.6,   497.4,   1482.1,   0.0);   (371490.6,
3810408.7,   491.1,   1482.1,   0.0);
     (371468.0, 3810432.9,   486.3,   1482.1,   0.0);   (371445.4,
3810457.0,   486.4,   1482.1,   0.0);
     (371654.1, 3810042.3,   520.4,   1482.1,   0.0);   (371750.0,
3810075.6,   514.3,   1482.1,   0.0);
     (371741.8, 3810107.6,   517.0,   1482.1,   0.0);   (371733.5,
3810139.7,   515.6,   1482.1,   0.0);
     (371725.3, 3810171.8,   523.5,   1482.1,   0.0);   (371717.1,
3810203.8,   538.1,   1482.1,   0.0);
     (371708.9, 3810235.9,   536.2,   1482.1,   0.0);   (371700.7,
3810267.9,   517.4,   1482.1,   0.0);
     (371692.5, 3810300.0,   508.0,   1482.1,   0.0);   (371684.2,
3810332.1,   500.5,   1482.1,   0.0);
     (371668.8, 3810360.2,   502.6,   1482.1,   0.0);   (371646.2,
3810384.3,   497.6,   1482.1,   0.0);
     (371623.6, 3810408.5,   492.1,   1482.1,   0.0);   (371601.0,
3810432.7,   492.0,   1482.1,   0.0);
     (371578.3, 3810456.8,   487.6,   1482.1,   0.0);   (371555.7,
3810481.0,   487.0,   1482.1,   0.0);
     (371533.1, 3810505.1,   487.0,   1482.1,   0.0);   (371510.4,
3810529.3,   487.0,   1482.1,   0.0);
     (371487.8, 3810553.5,   486.3,   1482.1,   0.0);   (371754.1,
3810042.3,   520.3,   1482.1,   0.0);
     (371146.6, 3810066.1,   511.6,   1482.1,   0.0);   (371094.3,
3810233.1,   494.9,   1482.1,   0.0);
     (371064.5, 3810328.6,   486.0,   1482.1,   0.0);   (371046.1,
3810427.6,   485.9,   1482.1,   0.0);
     (371004.7, 3810519.4,   488.8,   1482.1,   0.0);   (370974.8,

3810614.9,   500.8,   1482.1,   0.0);
     (371119.5, 3810240.5,   496.5,   1482.1,   0.0);   (371073.4,
3810435.1,   486.4,   1482.1,   0.0);
     (371100.8, 3810441.6,   486.7,   1482.1,   0.0);   (371064.1,
3810535.7,   489.7,   1482.1,   0.0);
     (371017.1, 3810626.9,   504.4,   1482.1,   0.0);   (371041.0,
3810633.0,   504.8,   1482.1,   0.0);
     (371220.0, 3810008.5,   496.0,   1482.1,   0.0);   (371221.0,
3809986.0,   495.1,   1482.1,   0.0);
     (371222.0, 3809963.5,   494.8,   1482.1,   0.0);   (371223.0,
3809941.0,   494.7,   1482.1,   0.0);
     (371224.1, 3809918.5,   494.5,   1482.1,   0.0);   (371225.1,
3809896.0,   494.4,   1482.1,   0.0);
     (371244.9, 3810009.6,   497.7,   1482.1,   0.0);   (371246.0,
3809987.1,   495.9,   1482.1,   0.0);
     (371247.0, 3809964.6,   495.5,   1482.1,   0.0);   (371248.0,
3809942.1,   495.4,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371249.0, 3809919.6,   495.2,   1482.1,   0.0);   (371250.1,
3809897.1,   495.0,   1482.1,   0.0);
     (371269.9, 3810010.8,   497.5,   1482.1,   0.0);   (371270.9,
3809988.3,   496.6,   1482.1,   0.0);
     (371272.0, 3809965.8,   496.2,   1482.1,   0.0);   (371273.0,
3809943.3,   496.1,   1482.1,   0.0);
     (371274.0, 3809920.8,   495.9,   1482.1,   0.0);   (371275.0,
3809898.3,   495.6,   1482.1,   0.0);
     (371282.9, 3810075.7,   503.5,   1482.1,   0.0);   (371263.1,
3810113.3,   511.9,   1482.1,   0.0);
     (371211.5, 3810140.9,   537.6,   1482.1,   0.0);   (371293.8,
3810034.4,   499.7,   1482.1,   0.0);
     (371294.9, 3810011.9,   498.0,   1482.1,   0.0);   (371295.9,
3809989.4,   497.1,   1482.1,   0.0);
     (371296.9, 3809966.9,   496.8,   1482.1,   0.0);   (371298.0,
3809944.4,   496.9,   1482.1,   0.0);
     (371299.0, 3809921.9,   496.6,   1482.1,   0.0);   (371300.0,
3809899.4,   496.7,   1482.1,   0.0);
     (371382.8, 3810080.3,   514.6,   1482.1,   0.0);   (371363.0,
3810117.9,   527.7,   1482.1,   0.0);
     (371323.3, 3810193.2,   544.8,   1482.1,   0.0);   (371393.7,

3810039.0,   503.2,   1482.1,   0.0);
     (371394.8, 3810016.5,   500.4,   1482.1,   0.0);   (371395.8,
3809994.0,   500.1,   1482.1,   0.0);
     (371396.8, 3809971.5,   500.1,   1482.1,   0.0);   (371397.8,
3809949.0,   500.9,   1482.1,   0.0);
     (371398.9, 3809926.5,   501.8,   1482.1,   0.0);   (371399.9,
3809904.0,   502.3,   1482.1,   0.0);
     (371482.7, 3810084.8,   510.5,   1482.1,   0.0);   (371462.9,
3810122.5,   517.3,   1482.1,   0.0);
     (371423.2, 3810197.7,   531.0,   1482.1,   0.0);   (371383.5,
3810273.0,   527.5,   1482.1,   0.0);
     (371144.6, 3810339.9,   484.1,   1482.1,   0.0);   (371493.6,
3810043.5,   503.8,   1482.1,   0.0);
     (371494.7, 3810021.0,   503.1,   1482.1,   0.0);   (371495.7,
3809998.5,   502.9,   1482.1,   0.0);
     (371496.7, 3809976.0,   503.7,   1482.1,   0.0);   (371497.7,
3809953.5,   505.6,   1482.1,   0.0);
     (371498.8, 3809931.0,   508.7,   1482.1,   0.0);   (371499.8,
3809908.5,   514.3,   1482.1,   0.0);
     (371582.6, 3810089.4,   506.5,   1482.1,   0.0);   (371562.8,
3810127.0,   515.4,   1482.1,   0.0);
     (371443.8, 3810352.8,   498.2,   1482.1,   0.0);   (371225.7,
3810415.4,   484.9,   1482.1,   0.0);
     (371593.5, 3810048.1,   512.4,   1482.1,   0.0);   (371594.6,
3810025.6,   518.2,   1482.1,   0.0);
     (371595.6, 3810003.1,   515.7,   1482.1,   0.0);   (371596.6,
3809980.6,   516.0,   1482.1,   0.0);
     (371597.6, 3809958.1,   517.3,   1482.1,   0.0);   (371598.7,
3809935.6,   519.0,   1482.1,   0.0);
     (371599.7, 3809913.1,   514.9,   1482.1,   0.0);   (371682.0,
3810094.9,   511.4,   1482.1,   0.0);
     (371661.1, 3810134.6,   516.9,   1482.1,   0.0);   (371514.9,
3810411.9,   491.4,   1482.1,   0.0);
     (371504.5, 3810431.7,   487.1,   1482.1,   0.0);   (371472.1,
3810456.1,   486.5,   1482.1,   0.0);
     (371362.6, 3810479.1,   485.9,   1482.1,   0.0);   (371296.8,
3810492.9,   485.6,   1482.1,   0.0);
     (371253.0, 3810502.1,   485.4,   1482.1,   0.0);   (371209.2,
3810511.3,   485.8,   1482.1,   0.0);
     (371165.4, 3810520.5,   486.8,   1482.1,   0.0);   (371121.6,
3810529.7,   487.1,   1482.1,   0.0);
     (371693.4, 3810052.6,   514.3,   1482.1,   0.0);   (371694.5,
3810030.1,   518.8,   1482.1,   0.0);
     (371695.5, 3810007.6,   522.5,   1482.1,   0.0);   (371696.5,
3809985.1,   528.7,   1482.1,   0.0);
     (371697.5, 3809962.6,   537.8,   1482.1,   0.0);   (371698.6,
3809940.1,   545.0,   1482.1,   0.0);
     (371699.6, 3809917.6,   543.8,   1482.1,   0.0);   (371782.0,
3810099.3,   526.0,   1482.1,   0.0);
     (371761.2, 3810138.6,   519.7,   1482.1,   0.0);   (371668.1,

3810315.3,   501.1,   1482.1,   0.0);
     (371564.6, 3810511.7,   487.2,   1482.1,   0.0);   (371532.6,
3810535.9,   487.0,   1482.1,   0.0);
     (371445.7, 3810554.1,   486.0,   1482.1,   0.0);   (371402.2,
3810563.2,   487.1,   1482.1,   0.0);
     (371358.8, 3810572.3,   489.3,   1482.1,   0.0);   (371315.4,
3810581.5,   491.8,   1482.1,   0.0);
     (371271.9, 3810590.6,   493.9,   1482.1,   0.0);   (371228.5,
3810599.7,   489.4,   1482.1,   0.0);
     (371185.0, 3810608.8,   496.4,   1482.1,   0.0);   (371141.6,
3810618.0,   499.9,   1482.1,   0.0);
     (371098.1, 3810627.1,   500.1,   1482.1,   0.0);   (371793.3,
3810057.2,   518.0,   1482.1,   0.0);
     (371794.3, 3810034.7,   518.6,   1482.1,   0.0);   (371795.4,
3810012.2,   523.3,   1482.1,   0.0);
     (371796.4, 3809989.7,   530.4,   1482.1,   0.0);   (371797.4,
3809967.2,   537.3,   1482.1,   0.0);
     (371798.5, 3809944.7,   539.5,   1482.1,   0.0);   (371799.5,
3809922.2,   539.4,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371214.8, 3809870.6,   496.2,   1482.1,   0.0);   (371243.1,
3809869.3,   495.2,   1482.1,   0.0);
     (371229.5, 3809846.3,   498.4,   1482.1,   0.0);   (371267.2,
3809867.0,   496.0,   1482.1,   0.0);
     (371257.8, 3809845.1,   497.0,   1482.1,   0.0);   (371288.9,
3809854.9,   500.1,   1482.1,   0.0);
     (371294.5, 3809877.2,   496.8,   1482.1,   0.0);   (371279.3,
3809832.3,   503.0,   1482.1,   0.0);
     (371375.2, 3809805.1,   512.2,   1482.1,   0.0);   (371381.4,
3809829.8,   507.6,   1482.1,   0.0);
     (371387.5, 3809854.5,   503.9,   1482.1,   0.0);   (371393.7,
3809879.2,   502.1,   1482.1,   0.0);
     (371365.3, 3809781.3,   518.6,   1482.1,   0.0);   (371461.3,
3809754.6,   530.6,   1482.1,   0.0);
     (371467.7, 3809780.2,   535.2,   1482.1,   0.0);   (371474.1,
3809805.9,   528.6,   1482.1,   0.0);
     (371480.6, 3809831.5,   529.2,   1482.1,   0.0);   (371487.0,
3809857.2,   528.0,   1482.1,   0.0);
     (371493.4, 3809882.9,   521.5,   1482.1,   0.0);   (371451.3,

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3809730.2,     523.1,    1482.1,       0.0);
     ( 371547.2, 3809703.1,     535.1,    1482.1,       0.0);         ( 371553.4,
3809727.8,     529.3,    1482.1,       0.0);
     ( 371559.5, 3809752.5,     522.3,    1482.1,       0.0);         ( 371565.7,
3809777.2,     517.8,    1482.1,       0.0);
     ( 371571.9, 3809801.9,     517.5,    1482.1,       0.0);         ( 371578.1,
3809826.6,     518.7,    1482.1,       0.0);
     ( 371584.2, 3809851.3,     521.4,    1482.1,       0.0);         ( 371590.4,
3809876.0,     521.5,    1482.1,       0.0);
     ( 371537.3, 3809679.2,     540.5,    1482.1,       0.0);         ( 371633.3,
3809652.3,     553.0,    1482.1,       0.0);
     ( 371639.6, 3809677.6,     549.1,    1482.1,       0.0);         ( 371645.9,
3809702.9,     545.2,    1482.1,       0.0);
     ( 371652.2, 3809728.1,     536.6,    1482.1,       0.0);         ( 371658.5,
3809753.4,     530.0,    1482.1,       0.0);
     ( 371664.8, 3809778.7,     528.5,    1482.1,       0.0);         ( 371671.2,
3809803.9,     535.9,    1482.1,       0.0);
     ( 371677.5, 3809829.2,     539.4,    1482.1,       0.0);         ( 371683.8,
3809854.5,     534.9,    1482.1,       0.0);
     ( 371690.1, 3809879.7,     531.8,    1482.1,       0.0);         ( 371623.3,
3809628.2,     557.0,    1482.1,       0.0);
     ( 371719.3, 3809601.5,     560.7,    1482.1,       0.0);         ( 371725.7,
3809627.1,     549.3,    1482.1,       0.0);
     ( 371732.1, 3809652.8,     559.0,    1482.1,       0.0);         ( 371738.5,
3809678.4,     550.4,    1482.1,       0.0);
     ( 371745.0, 3809704.1,     547.5,    1482.1,       0.0);         ( 371751.4,
3809729.8,     548.4,    1482.1,       0.0);
     ( 371757.8, 3809755.4,     553.2,    1482.1,       0.0);         ( 371764.2,
3809781.1,     561.6,    1482.1,       0.0);
     ( 371770.6, 3809806.7,     572.3,    1482.1,       0.0);         ( 371777.0,
3809832.4,     566.2,    1482.1,       0.0);
     ( 371783.5, 3809858.1,     555.9,    1482.1,       0.0);         ( 371789.9,
3809883.7,     547.1,    1482.1,       0.0);
     ( 371709.3, 3809577.1,     573.2,    1482.1,       0.0);         ( 371346.4,
3809991.9,     498.2,    1482.1,       0.0);
     ( 371426.4, 3810051.9,     501.5,    1482.1,       0.0);         ( 371506.4,
3810111.9,     514.4,    1482.1,       0.0);
     ( 371586.4, 3810171.9,     529.1,    1482.1,       0.0);         ( 371666.3,
3810231.9,     535.1,    1482.1,       0.0);
     ( 371225.4, 3809816.2,     507.2,    1482.1,       0.0);         ( 371228.2,
3809792.8,     506.3,    1482.1,       0.0);
     ( 371230.9, 3809769.3,     506.8,    1482.1,       0.0);         ( 371233.7,
3809745.8,     508.8,    1482.1,       0.0);
     ( 371236.5, 3809722.3,     508.4,    1482.1,       0.0);         ( 371250.2,
3809819.2,     502.1,    1482.1,       0.0);
     ( 371253.0, 3809795.7,     504.4,    1482.1,       0.0);         ( 371255.8,
3809772.2,     509.7,    1482.1,       0.0);
     ( 371258.5, 3809748.7,     516.9,    1482.1,       0.0);         ( 371261.3,
3809725.2,     523.9,    1482.1,       0.0);
     ( 371277.8, 3809798.6,     505.8,    1482.1,       0.0);         ( 371280.6,
```

3809775.1,   508.4,   1482.1,   0.0);
     (371283.3, 3809751.6,   515.4,   1482.1,   0.0);   (371286.1,
3809728.1,   523.1,   1482.1,   0.0);
     (371302.7, 3809801.5,   513.7,   1482.1,   0.0);   (371305.4,
3809778.0,   515.9,   1482.1,   0.0);
     (371308.2, 3809754.5,   518.1,   1482.1,   0.0);   (371310.9,
3809731.0,   528.1,   1482.1,   0.0);
     (371370.5, 3809941.7,   498.9,   1482.1,   0.0);   (371402.0,
3809813.1,   506.8,   1482.1,   0.0);
     (371404.7, 3809789.6,   510.5,   1482.1,   0.0);   (371407.5,
3809766.2,   511.8,   1482.1,   0.0);
     (371410.3, 3809742.7,   514.4,   1482.1,   0.0);   (371476.5,
3809936.7,   504.8,   1482.1,   0.0);
     (371459.9, 3809978.2,   502.2,   1482.1,   0.0);   (371443.3,
3810019.7,   501.6,   1482.1,   0.0);
     (371504.1, 3809801.3,   526.4,   1482.1,   0.0);   (371506.8,
3809777.8,   530.3,   1482.1,   0.0);
     (371509.6, 3809754.3,   540.0,   1482.1,   0.0);   (371575.2,
3809949.9,   515.7,   1482.1,   0.0);
     (371566.6, 3809971.4,   513.4,   1482.1,   0.0);   (371558.0,
3809992.9,   508.1,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371549.4, 3810014.4,   506.2,   1482.1,   0.0);   (371532.2,
3810057.4,   504.6,   1482.1,   0.0);
     (371523.6, 3810078.9,   509.2,   1482.1,   0.0);   (371603.4,
3809813.0,   522.7,   1482.1,   0.0);
     (371606.1, 3809789.5,   522.8,   1482.1,   0.0);   (371608.9,
3809766.0,   530.4,   1482.1,   0.0);
     (371667.5, 3809979.0,   537.0,   1482.1,   0.0);   (371651.4,
3810019.4,   527.2,   1482.1,   0.0);
     (371627.2, 3810079.8,   509.0,   1482.1,   0.0);   (371611.1,
3810120.1,   511.9,   1482.1,   0.0);
     (371702.7, 3809824.6,   547.7,   1482.1,   0.0);   (371705.5,
3809801.1,   552.6,   1482.1,   0.0);
     (371708.2, 3809777.6,   551.0,   1482.1,   0.0);   (371774.4,
3809971.7,   540.3,   1482.1,   0.0);
     (371757.8, 3810013.2,   530.0,   1482.1,   0.0);   (371716.4,
3810116.8,   513.4,   1482.1,   0.0);
     (371699.8, 3810158.3,   528.0,   1482.1,   0.0);   (371683.3,

3810199.7,   540.4,   1482.1,   0.0);
     (371802.0, 3809836.3,   561.7,   1482.1,   0.0);   (371804.8,
3809812.8,   572.9,   1482.1,   0.0);
     (371807.5, 3809789.3,   574.3,   1482.1,   0.0);   (371241.6,
3809695.5,   509.7,   1482.1,   0.0);
     (371239.0, 3809652.8,   500.2,   1482.1,   0.0);   (371236.3,
3809610.2,   497.7,   1482.1,   0.0);
     (371233.7, 3809567.5,   497.5,   1482.1,   0.0);   (371266.6,
3809694.0,   514.3,   1482.1,   0.0);
     (371263.9, 3809651.3,   501.7,   1482.1,   0.0);   (371261.3,
3809608.6,   499.9,   1482.1,   0.0);
     (371258.6, 3809566.0,   502.6,   1482.1,   0.0);   (371291.5,
3809692.4,   512.4,   1482.1,   0.0);
     (371288.9, 3809649.8,   509.1,   1482.1,   0.0);   (371286.2,
3809607.1,   504.0,   1482.1,   0.0);
     (371283.6, 3809564.4,   506.0,   1482.1,   0.0);   (371315.3,
3809705.0,   521.9,   1482.1,   0.0);
     (371315.1, 3809669.5,   519.5,   1482.1,   0.0);   (371312.5,
3809626.9,   513.1,   1482.1,   0.0);
     (371309.9, 3809584.2,   508.1,   1482.1,   0.0);   (371414.8,
3809703.5,   529.2,   1482.1,   0.0);
     (371415.0, 3809663.4,   542.9,   1482.1,   0.0);   (371412.3,
3809620.7,   536.5,   1482.1,   0.0);
     (371409.7, 3809578.0,   535.1,   1482.1,   0.0);   (371514.4,
3809699.7,   548.8,   1482.1,   0.0);
     (371514.8, 3809657.2,   557.4,   1482.1,   0.0);   (371512.1,
3809614.5,   556.6,   1482.1,   0.0);
     (371509.5, 3809571.9,   557.7,   1482.1,   0.0);   (371614.4,
3809691.2,   536.0,   1482.1,   0.0);
     (371611.4, 3809728.8,   538.6,   1482.1,   0.0);   (371611.9,
3809608.3,   562.9,   1482.1,   0.0);
     (371609.3, 3809565.7,   577.1,   1482.1,   0.0);   (371714.1,
3809686.3,   542.4,   1482.1,   0.0);
     (371710.8, 3809726.7,   544.1,   1482.1,   0.0);   (371707.8,
3809538.2,   575.1,   1482.1,   0.0);
     (371813.8, 3809681.2,   575.1,   1482.1,   0.0);   (371810.4,
3809723.5,   566.7,   1482.1,   0.0);
     (371807.0, 3809765.8,   570.4,   1482.1,   0.0);   (371814.2,
3809638.7,   580.2,   1482.1,   0.0);
     (371811.5, 3809596.0,   576.6,   1482.1,   0.0);   (371808.9,
3809553.3,   591.6,   1482.1,   0.0);
     (371220.4, 3809539.0,   498.5,   1482.1,   0.0);   (371200.3,
3809503.5,   499.4,   1482.1,   0.0);
     (371252.2, 3809544.4,   501.9,   1482.1,   0.0);   (371232.1,
3809508.9,   502.3,   1482.1,   0.0);
     (371274.0, 3809532.0,   508.9,   1482.1,   0.0);   (371253.8,
3809496.6,   506.8,   1482.1,   0.0);
     (371300.0, 3809534.1,   517.5,   1482.1,   0.0);   (371285.6,
3809502.0,   511.5,   1482.1,   0.0);
     (371265.5, 3809466.5,   516.3,   1482.1,   0.0);   (371387.8,

3809487.6,   540.3,   1482.1,   0.0);
     (371398.1, 3809522.2,   538.1,   1482.1,   0.0);   (371372.6,
3809452.6,   533.6,   1482.1,   0.0);
     (371352.5, 3809417.1,   531.9,   1482.1,   0.0);   (371475.2,
3809439.5,   531.5,   1482.1,   0.0);
     (371486.2, 3809476.5,   528.0,   1482.1,   0.0);   (371497.2,
3809513.5,   539.0,   1482.1,   0.0);
     (371459.6, 3809403.2,   530.7,   1482.1,   0.0);   (371439.5,
3809367.8,   518.9,   1482.1,   0.0);
     (371562.3, 3809390.8,   547.2,   1482.1,   0.0);   (371573.8,
3809429.2,   551.4,   1482.1,   0.0);
     (371585.2, 3809467.6,   554.3,   1482.1,   0.0);   (371596.6,
3809506.0,   558.4,   1482.1,   0.0);
     (371546.6, 3809353.9,   548.6,   1482.1,   0.0);   (371526.4,
3809318.4,   539.3,   1482.1,   0.0);
     (371649.0, 3809340.3,   529.3,   1482.1,   0.0);   (371659.6,
3809376.3,   541.6,   1482.1,   0.0);
     (371670.3, 3809412.2,   543.8,   1482.1,   0.0);   (371681.0,
3809448.2,   545.0,   1482.1,   0.0);
     (371691.7, 3809484.2,   558.1,   1482.1,   0.0);   (371633.5,
3809304.5,   522.8,   1482.1,   0.0);
     (371613.4, 3809269.1,   520.8,   1482.1,   0.0);   (371736.1,
3809291.4,   540.3,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371747.1, 3809328.4,   547.7,   1482.1,   0.0);   (371758.1,
3809365.5,   553.9,   1482.1,   0.0);
     (371769.1, 3809402.5,   567.2,   1482.1,   0.0);   (371780.1,
3809439.5,   575.3,   1482.1,   0.0);
     (371791.1, 3809476.5,   584.5,   1482.1,   0.0);   (371802.1,
3809513.5,   591.9,   1482.1,   0.0);
     (371720.5, 3809255.2,   535.5,   1482.1,   0.0);   (371700.4,
3809219.7,   526.6,   1482.1,   0.0);
     (371213.9, 3809479.6,   505.5,   1482.1,   0.0);   (371372.0,
3809566.6,   526.2,   1482.1,   0.0);
     (371468.7, 3809592.0,   552.1,   1482.1,   0.0);   (371479.9,
3809549.5,   556.0,   1482.1,   0.0);
     (371565.4, 3809617.5,   546.6,   1482.1,   0.0);   (371576.6,
3809574.9,   566.8,   1482.1,   0.0);
     (371662.1, 3809642.9,   555.2,   1482.1,   0.0);   (371673.3,

3809600.3,   567.8,   1482.1,   0.0);
     (371758.8, 3809668.3,   561.0,   1482.1,   0.0);   (371770.0,
3809625.7,   560.4,   1482.1,   0.0);
     (371231.9, 3809459.4,   514.6,   1482.1,   0.0);   (371348.3,
3809595.1,   513.2,   1482.1,   0.0);
     (371438.8, 3809641.5,   535.2,   1482.1,   0.0);   (371240.1,
3809428.5,   527.1,   1482.1,   0.0);
     (371246.8, 3809388.7,   534.9,   1482.1,   0.0);   (371264.7,
3809432.7,   527.6,   1482.1,   0.0);
     (371271.5, 3809392.9,   542.3,   1482.1,   0.0);   (371286.0,
3809456.7,   522.3,   1482.1,   0.0);
     (371292.8, 3809417.0,   536.0,   1482.1,   0.0);   (371299.5,
3809377.2,   550.0,   1482.1,   0.0);
     (371304.2, 3809475.6,   518.4,   1482.1,   0.0);   (371314.0,
3809441.0,   531.6,   1482.1,   0.0);
     (371320.8, 3809401.3,   543.3,   1482.1,   0.0);   (371409.2,
3809477.7,   538.8,   1482.1,   0.0);
     (371416.0, 3809437.9,   524.8,   1482.1,   0.0);   (371422.8,
3809398.2,   519.6,   1482.1,   0.0);
     (371511.2, 3809474.6,   532.7,   1482.1,   0.0);   (371518.0,
3809434.8,   545.2,   1482.1,   0.0);
     (371598.7, 3809528.8,   561.1,   1482.1,   0.0);   (371544.7,
3809652.5,   542.9,   1482.1,   0.0);
     (371613.2, 3809471.4,   542.6,   1482.1,   0.0);   (371619.9,
3809431.7,   539.2,   1482.1,   0.0);
     (371688.9, 3809564.7,   580.2,   1482.1,   0.0);   (371708.4,
3809508.1,   566.1,   1482.1,   0.0);
     (371715.1, 3809468.3,   558.6,   1482.1,   0.0);   (371788.2,
3809580.0,   576.6,   1482.1,   0.0);
     (371813.7, 3809485.1,   586.8,   1482.1,   0.0);   (371225.1,
3809339.7,   529.6,   1482.1,   0.0);
     (371181.2, 3809340.4,   509.9,   1482.1,   0.0);   (371137.3,
3809341.2,   499.5,   1482.1,   0.0);
     (371244.1, 3809323.4,   534.5,   1482.1,   0.0);   (371269.2,
3809352.6,   544.3,   1482.1,   0.0);
     (371202.7, 3809315.1,   521.4,   1482.1,   0.0);   (371158.8,
3809315.8,   506.4,   1482.1,   0.0);
     (371243.6, 3809298.4,   529.3,   1482.1,   0.0);   (371288.1,
3809336.3,   539.7,   1482.1,   0.0);
     (371202.3, 3809290.1,   525.6,   1482.1,   0.0);   (371158.4,
3809290.8,   515.9,   1482.1,   0.0);
     (371243.2, 3809273.4,   521.4,   1482.1,   0.0);   (371282.0,
3809290.8,   524.2,   1482.1,   0.0);
     (371307.1, 3809320.0,   538.8,   1482.1,   0.0);   (371318.5,
3809360.9,   545.5,   1482.1,   0.0);
     (371201.8, 3809265.1,   526.8,   1482.1,   0.0);   (371157.9,
3809265.9,   524.4,   1482.1,   0.0);
     (371241.4, 3809173.4,   513.8,   1482.1,   0.0);   (371280.2,
3809190.8,   514.8,   1482.1,   0.0);
     (371319.0, 3809208.2,   514.9,   1482.1,   0.0);   (371357.8,

3809225.6,   514.7,   1482.1,   0.0);
     (371382.9, 3809254.8,   515.2,   1482.1,   0.0);   (371394.3,
3809295.8,   515.3,   1482.1,   0.0);
     (371405.7, 3809336.7,   516.4,   1482.1,   0.0);   (371200.1,
3809165.1,   513.4,   1482.1,   0.0);
     (371156.2, 3809165.9,   512.9,   1482.1,   0.0);   (371239.6,
3809073.4,   515.3,   1482.1,   0.0);
     (371278.5, 3809090.8,   516.5,   1482.1,   0.0);   (371317.3,
3809108.2,   516.3,   1482.1,   0.0);
     (371356.1, 3809125.6,   516.2,   1482.1,   0.0);   (371394.9,
3809143.0,   516.3,   1482.1,   0.0);
     (371433.7, 3809160.4,   518.2,   1482.1,   0.0);   (371458.8,
3809189.6,   517.6,   1482.1,   0.0);
     (371470.1, 3809230.5,   516.5,   1482.1,   0.0);   (371481.5,
3809271.5,   516.8,   1482.1,   0.0);
     (371492.9, 3809312.5,   530.0,   1482.1,   0.0);   (371504.3,
3809353.5,   542.0,   1482.1,   0.0);
     (371515.6, 3809394.4,   549.2,   1482.1,   0.0);   (371198.3,
3809065.1,   516.0,   1482.1,   0.0);
     (371154.4, 3809065.9,   516.0,   1482.1,   0.0);   (371237.9,
3808973.4,   518.0,   1482.1,   0.0);
     (371276.7, 3808990.8,   526.4,   1482.1,   0.0);   (371315.5,
3809008.2,   521.5,   1482.1,   0.0);
     (371354.3, 3809025.6,   522.7,   1482.1,   0.0);   (371393.1,
3809043.0,   531.1,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371431.9, 3809060.4,   521.9,   1482.1,   0.0);   (371470.7,
3809077.8,   518.6,   1482.1,   0.0);
     (371509.5, 3809095.2,   519.0,   1482.1,   0.0);   (371534.6,
3809124.4,   520.0,   1482.1,   0.0);
     (371546.0, 3809165.4,   518.8,   1482.1,   0.0);   (371557.3,
3809206.3,   518.4,   1482.1,   0.0);
     (371568.7, 3809247.3,   518.6,   1482.1,   0.0);   (371580.1,
3809288.3,   519.8,   1482.1,   0.0);
     (371591.5, 3809329.2,   526.8,   1482.1,   0.0);   (371602.9,
3809370.2,   529.9,   1482.1,   0.0);
     (371196.5, 3808965.1,   518.2,   1482.1,   0.0);   (371152.6,
3808965.9,   517.1,   1482.1,   0.0);
     (371236.1, 3808873.4,   520.9,   1482.1,   0.0);   (371274.9,

3808890.8,   521.5,   1482.1,   0.0);
     (371313.7, 3808908.2,   520.5,   1482.1,   0.0);   (371352.5,
3808925.6,   521.2,   1482.1,   0.0);
     (371391.3, 3808943.0,   532.9,   1482.1,   0.0);   (371430.1,
3808960.4,   532.7,   1482.1,   0.0);
     (371468.9, 3808977.8,   522.9,   1482.1,   0.0);   (371507.7,
3808995.2,   527.3,   1482.1,   0.0);
     (371546.5, 3809012.6,   529.6,   1482.1,   0.0);   (371585.3,
3809030.0,   523.9,   1482.1,   0.0);
     (371610.4, 3809059.2,   521.1,   1482.1,   0.0);   (371621.8,
3809100.2,   520.6,   1482.1,   0.0);
     (371633.2, 3809141.1,   520.4,   1482.1,   0.0);   (371644.5,
3809182.1,   520.9,   1482.1,   0.0);
     (371655.9, 3809223.1,   533.9,   1482.1,   0.0);   (371667.3,
3809264.1,   537.7,   1482.1,   0.0);
     (371678.7, 3809305.0,   536.4,   1482.1,   0.0);   (371690.1,
3809346.0,   537.8,   1482.1,   0.0);
     (371701.4, 3809387.0,   550.2,   1482.1,   0.0);   (371712.8,
3809427.9,   553.2,   1482.1,   0.0);
     (371194.7, 3808865.1,   520.8,   1482.1,   0.0);   (371150.8,
3808865.9,   519.8,   1482.1,   0.0);
     (371234.3, 3808773.5,   523.7,   1482.1,   0.0);   (371273.1,
3808790.9,   523.9,   1482.1,   0.0);
     (371311.9, 3808808.2,   523.8,   1482.1,   0.0);   (371350.7,
3808825.6,   522.3,   1482.1,   0.0);
     (371389.5, 3808843.0,   527.9,   1482.1,   0.0);   (371428.3,
3808860.4,   534.5,   1482.1,   0.0);
     (371467.1, 3808877.8,   545.7,   1482.1,   0.0);   (371505.9,
3808895.2,   538.4,   1482.1,   0.0);
     (371544.7, 3808912.6,   549.0,   1482.1,   0.0);   (371583.5,
3808930.0,   536.3,   1482.1,   0.0);
     (371622.3, 3808947.4,   531.4,   1482.1,   0.0);   (371661.1,
3808964.8,   524.5,   1482.1,   0.0);
     (371686.2, 3808994.0,   522.3,   1482.1,   0.0);   (371697.6,
3809035.0,   522.5,   1482.1,   0.0);
     (371709.0, 3809075.9,   522.9,   1482.1,   0.0);   (371720.4,
3809116.9,   522.8,   1482.1,   0.0);
     (371731.8, 3809157.9,   522.9,   1482.1,   0.0);   (371743.1,
3809198.9,   524.4,   1482.1,   0.0);
     (371754.5, 3809239.8,   530.7,   1482.1,   0.0);   (371765.9,
3809280.8,   537.1,   1482.1,   0.0);
     (371777.3, 3809321.8,   544.2,   1482.1,   0.0);   (371788.6,
3809362.8,   552.8,   1482.1,   0.0);
     (371800.0, 3809403.7,   563.3,   1482.1,   0.0);   (371811.4,
3809444.7,   576.5,   1482.1,   0.0);
     (371193.0, 3808765.1,   524.0,   1482.1,   0.0);   (371149.1,
3808765.9,   522.5,   1482.1,   0.0);
     (371114.7, 3809341.8,   497.8,   1482.1,   0.0);   (371070.0,
3809343.1,   499.9,   1482.1,   0.0);
     (371025.4, 3809344.3,   503.5,   1482.1,   0.0);   (371114.1,

3809316.9,   501.3,   1482.1,   0.0);
     (371069.4, 3809318.1,   505.0,   1482.1,   0.0);   (371024.7,
3809319.3,   513.0,   1482.1,   0.0);
     (371135.7, 3809291.3,   512.5,   1482.1,   0.0);   (371091.0,
3809292.5,   510.3,   1482.1,   0.0);
     (371046.3, 3809293.7,   520.6,   1482.1,   0.0);   (371001.7,
3809294.9,   520.3,   1482.1,   0.0);
     (371135.0, 3809266.3,   523.4,   1482.1,   0.0);   (371090.4,
3809267.5,   521.6,   1482.1,   0.0);
     (371045.7, 3809268.7,   522.0,   1482.1,   0.0);   (371001.0,
3809269.9,   517.3,   1482.1,   0.0);
     (371132.3, 3809166.3,   512.5,   1482.1,   0.0);   (371087.6,
3809167.5,   511.6,   1482.1,   0.0);
     (371043.0, 3809168.7,   511.0,   1482.1,   0.0);   (370998.3,
3809169.9,   508.4,   1482.1,   0.0);
     (371129.6, 3809066.3,   516.2,   1482.1,   0.0);   (371084.9,
3809067.5,   513.8,   1482.1,   0.0);
     (371040.2, 3809068.8,   512.5,   1482.1,   0.0);   (370995.6,
3809070.0,   512.0,   1482.1,   0.0);
     (371126.9, 3808966.4,   516.6,   1482.1,   0.0);   (371082.2,
3808967.6,   516.0,   1482.1,   0.0);
     (371037.5, 3808968.8,   516.5,   1482.1,   0.0);   (370992.8,
3808970.0,   515.2,   1482.1,   0.0);
     (371124.2, 3808866.4,   519.4,   1482.1,   0.0);   (371079.5,
3808867.6,   519.0,   1482.1,   0.0);
     (371034.8, 3808868.8,   519.1,   1482.1,   0.0);   (370990.1,
3808870.0,   518.4,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371121.5, 3808766.4,   522.4,   1482.1,   0.0);   (371076.8,
3808767.7,   521.2,   1482.1,   0.0);
     (371032.1, 3808768.9,   520.2,   1482.1,   0.0);   (370987.4,
3808770.1,   517.9,   1482.1,   0.0);
     (371028.7, 3809369.1,   499.3,   1482.1,   0.0);   (371053.7,
3809368.3,   498.6,   1482.1,   0.0);
     (371078.7, 3809367.5,   497.8,   1482.1,   0.0);   (371103.6,
3809366.7,   497.5,   1482.1,   0.0);
     (371203.6, 3809363.6,   516.7,   1482.1,   0.0);   (371602.0,
3809305.6,   522.1,   1482.1,   0.0);
     (370967.5, 3809295.5,   511.8,   1482.1,   0.0);   (371023.3,

3809282.6,   522.0,   1482.1,   0.0);
     (370970.2, 3809270.7,   515.5,   1482.1,   0.0);   (371026.0,
3809257.8,   517.3,   1482.1,   0.0);
     (370991.6, 3809247.9,   514.4,   1482.1,   0.0);   (370954.1,
3809243.8,   513.4,   1482.1,   0.0);
     (371028.7, 3809232.9,   515.3,   1482.1,   0.0);   (371060.0,
3809248.7,   520.6,   1482.1,   0.0);
     (370994.3, 3809223.0,   512.9,   1482.1,   0.0);   (370956.8,
3809218.9,   511.6,   1482.1,   0.0);
     (371039.5, 3809133.5,   510.0,   1482.1,   0.0);   (371070.8,
3809149.2,   511.9,   1482.1,   0.0);
     (371155.6, 3809204.8,   513.0,   1482.1,   0.0);   (371168.9,
3809237.2,   518.9,   1482.1,   0.0);
     (371005.1, 3809123.6,   511.1,   1482.1,   0.0);   (370967.6,
3809119.5,   510.6,   1482.1,   0.0);
     (371050.3, 3809034.1,   513.3,   1482.1,   0.0);   (371159.8,
3809089.2,   515.6,   1482.1,   0.0);
     (371191.1, 3809104.9,   515.1,   1482.1,   0.0);   (371229.0,
3809136.8,   513.5,   1482.1,   0.0);
     (371255.6, 3809201.6,   513.9,   1482.1,   0.0);   (371268.9,
3809234.0,   514.0,   1482.1,   0.0);
     (371282.2, 3809266.4,   519.6,   1482.1,   0.0);   (371015.9,
3809024.2,   514.0,   1482.1,   0.0);
     (370978.4, 3809020.1,   513.0,   1482.1,   0.0);   (371062.1,
3808935.2,   517.7,   1482.1,   0.0);
     (371179.0, 3808993.9,   517.0,   1482.1,   0.0);   (371212.3,
3809010.7,   517.3,   1482.1,   0.0);
     (371245.7, 3809027.5,   516.8,   1482.1,   0.0);   (371279.1,
3809044.3,   516.9,   1482.1,   0.0);
     (371302.8, 3809070.0,   516.0,   1482.1,   0.0);   (371331.2,
3809139.1,   514.8,   1482.1,   0.0);
     (371345.4, 3809173.6,   514.9,   1482.1,   0.0);   (371026.7,
3808924.8,   518.7,   1482.1,   0.0);
     (370989.2, 3808920.7,   516.6,   1482.1,   0.0);   (371072.7,
3808835.7,   519.9,   1482.1,   0.0);
     (371105.6, 3808852.2,   519.3,   1482.1,   0.0);   (371171.5,
3808885.4,   519.7,   1482.1,   0.0);
     (371204.5, 3808901.9,   519.8,   1482.1,   0.0);   (371237.4,
3808918.5,   520.1,   1482.1,   0.0);
     (371270.3, 3808935.0,   520.0,   1482.1,   0.0);   (371303.2,
3808951.6,   520.9,   1482.1,   0.0);
     (371336.2, 3808968.2,   526.3,   1482.1,   0.0);   (371376.1,
3809001.8,   533.1,   1482.1,   0.0);
     (371404.1, 3809070.0,   528.1,   1482.1,   0.0);   (371418.1,
3809104.1,   517.9,   1482.1,   0.0);
     (371037.5, 3808825.4,   518.7,   1482.1,   0.0);   (371000.0,
3808821.3,   518.4,   1482.1,   0.0);
     (371083.4, 3808736.2,   523.6,   1482.1,   0.0);   (371181.3,
3808785.4,   523.5,   1482.1,   0.0);
     (371214.0, 3808801.9,   522.6,   1482.1,   0.0);   (371246.6,

3808818.3,   522.9,   1482.1,   0.0);
     (371279.2, 3808834.7,   523.2,   1482.1,   0.0);   (371311.9,
3808851.1,   523.1,   1482.1,   0.0);
     (371344.5, 3808867.5,   527.8,   1482.1,   0.0);   (371377.2,
3808884.0,   534.8,   1482.1,   0.0);
     (371409.8, 3808900.4,   539.8,   1482.1,   0.0);   (371449.4,
3808933.7,   529.8,   1482.1,   0.0);
     (371477.2, 3809001.3,   520.5,   1482.1,   0.0);   (371491.0,
3809035.1,   521.7,   1482.1,   0.0);
     (371504.9, 3809068.9,   519.7,   1482.1,   0.0);   (371048.3,
3808725.9,   523.7,   1482.1,   0.0);
     (371010.8, 3808721.9,   527.3,   1482.1,   0.0);   (371130.6,
3809235.7,   522.6,   1482.1,   0.0);
     (371235.1, 3809238.1,   514.6,   1482.1,   0.0);   (371227.0,
3809208.9,   513.8,   1482.1,   0.0);
     (371323.3, 3809182.2,   514.9,   1482.1,   0.0);   (371427.8,
3809184.6,   517.2,   1482.1,   0.0);
     (371524.1, 3809157.8,   519.0,   1482.1,   0.0);   (370932.6,
3809258.3,   515.0,   1482.1,   0.0);
     (370899.1, 3809241.0,   510.7,   1482.1,   0.0);   (370927.3,
3809227.5,   514.4,   1482.1,   0.0);
     (370938.8, 3809205.3,   510.4,   1482.1,   0.0);   (370983.8,
3809200.3,   511.7,   1482.1,   0.0);
     (370950.3, 3809183.0,   508.4,   1482.1,   0.0);   (371097.0,
3809194.3,   514.5,   1482.1,   0.0);
     (371029.6, 3809111.5,   512.5,   1482.1,   0.0);   (370996.1,
3809094.2,   511.6,   1482.1,   0.0);
     (371087.1, 3809036.9,   513.7,   1482.1,   0.0);   (371133.8,
3809094.3,   515.4,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371157.0, 3809122.9,   514.0,   1482.1,   0.0);   (371180.4,
3809151.6,   513.1,   1482.1,   0.0);
     (371042.0, 3809005.3,   514.9,   1482.1,   0.0);   (371204.5,
3809036.0,   517.1,   1482.1,   0.0);
     (371252.0, 3809094.5,   514.9,   1482.1,   0.0);   (371275.8,
3809123.7,   515.3,   1482.1,   0.0);
     (371299.6, 3809152.9,   514.4,   1482.1,   0.0);   (371121.3,
3808933.7,   517.6,   1482.1,   0.0);
     (371087.8, 3808916.4,   517.9,   1482.1,   0.0);   (371247.5,

3808943.7,   519.3,   1482.1,   0.0);
     (371327.9, 3809042.5,   517.9,   1482.1,   0.0);   (371350.8,
3809070.7,   518.6,   1482.1,   0.0);
     (371373.8, 3809099.0,   519.8,   1482.1,   0.0);   (371167.2,
3808844.9,   520.7,   1482.1,   0.0);
     (371133.7, 3808827.6,   520.6,   1482.1,   0.0);   (371317.9,
3808885.0,   521.4,   1482.1,   0.0);
     (371387.8, 3808971.0,   532.0,   1482.1,   0.0);   (371411.2,
3808999.7,   532.6,   1482.1,   0.0);
     (371434.5, 3809028.3,   523.4,   1482.1,   0.0);   (371457.8,
3809057.0,   518.9,   1482.1,   0.0);
     (371179.5, 3808738.7,   523.8,   1482.1,   0.0);   (370867.5,
3809234.6,   506.9,   1482.1,   0.0);
     (370843.1, 3809230.5,   505.7,   1482.1,   0.0);   (370895.9,
3809213.9,   508.4,   1482.1,   0.0);
     (370871.6, 3809209.9,   506.0,   1482.1,   0.0);   (370900.0,
3809189.3,   508.3,   1482.1,   0.0);
     (370875.7, 3809185.2,   507.2,   1482.1,   0.0);   (370918.8,
3809169.5,   507.6,   1482.1,   0.0);
     (370879.8, 3809160.6,   508.4,   1482.1,   0.0);   (370940.2,
3809072.5,   513.3,   1482.1,   0.0);
     (370896.3, 3809061.9,   514.2,   1482.1,   0.0);   (370959.1,
3808974.7,   514.1,   1482.1,   0.0);
     (370937.0, 3808967.4,   515.1,   1482.1,   0.0);   (371012.3,
3808888.3,   518.3,   1482.1,   0.0);
     (371051.5, 3808901.3,   517.9,   1482.1,   0.0);   (371011.9,
3808784.0,   518.3,   1482.1,   0.0);
     (371053.9, 3808798.0,   519.7,   1482.1,   0.0);   (371095.9,
3808812.0,   520.6,   1482.1,   0.0);
     (370945.6, 3808766.0,   521.0,   1482.1,   0.0);   (370921.3,
3808762.0,   524.9,   1482.1,   0.0);
     (371008.4, 3808678.8,   533.3,   1482.1,   0.0);   (371030.5,
3808686.1,   530.4,   1482.1,   0.0);
     (371052.5, 3808693.4,   525.2,   1482.1,   0.0);   (371074.6,
3808700.8,   523.7,   1482.1,   0.0);
     (371096.6, 3808708.1,   522.5,   1482.1,   0.0);   (371118.7,
3808715.4,   522.3,   1482.1,   0.0);
     (371140.8, 3808722.8,   523.2,   1482.1,   0.0);   (370986.4,
3808671.4,   528.6,   1482.1,   0.0);
     (370962.1, 3808667.4,   527.9,   1482.1,   0.0);   (370937.8,
3808663.3,   530.1,   1482.1,   0.0);
     (371339.0, 3809255.2,   514.6,   1482.1,   0.0);   (371439.0,
3809255.2,   515.9,   1482.1,   0.0);
     (370908.9, 3809261.4,   513.4,   1482.1,   0.0);   (371333.8,
3809341.7,   538.6,   1482.1,   0.0);
     (371397.8, 3809452.7,   529.9,   1482.1,   0.0);   (370889.7,
3809134.2,   511.2,   1482.1,   0.0);
     (370883.2, 3809091.0,   514.2,   1482.1,   0.0);   (370876.7,
3809047.8,   513.0,   1482.1,   0.0);
     (370914.4, 3809130.5,   511.7,   1482.1,   0.0);   (370907.9,

3809087.3,   515.1,   1482.1,   0.0);
     (370898.2, 3809022.4,   514.5,   1482.1,   0.0);   (370942.4,
3809148.4,   509.4,   1482.1,   0.0);
     (370935.9, 3809105.2,   512.7,   1482.1,   0.0);   (370926.2,
3809040.3,   515.5,   1482.1,   0.0);
     (370965.2, 3809161.8,   508.3,   1482.1,   0.0);   (370950.9,
3809036.6,   512.4,   1482.1,   0.0);
     (371059.1, 3809191.4,   512.4,   1482.1,   0.0);   (371062.8,
3809108.2,   512.8,   1482.1,   0.0);
     (371151.9, 3809028.6,   515.8,   1482.1,   0.0);   (371259.2,
3809141.2,   514.6,   1482.1,   0.0);
     (371257.3, 3809057.0,   515.9,   1482.1,   0.0);   (371355.5,
3809149.4,   515.1,   1482.1,   0.0);
     (371338.6, 3809299.0,   521.4,   1482.1,   0.0);   (371349.7,
3808998.9,   526.3,   1482.1,   0.0);
     (371457.0, 3809111.5,   517.6,   1482.1,   0.0);   (371445.4,
3809214.1,   516.5,   1482.1,   0.0);
     (371436.2, 3809296.1,   515.4,   1482.1,   0.0);   (371431.6,
3809337.1,   516.2,   1482.1,   0.0);
     (371451.8, 3809005.7,   520.7,   1482.1,   0.0);   (370877.6,
3809012.0,   513.9,   1482.1,   0.0);
     (370881.8, 3808989.5,   513.8,   1482.1,   0.0);   (370890.3,
3808944.6,   516.2,   1482.1,   0.0);
     (370894.6, 3808922.1,   518.2,   1482.1,   0.0);   (370898.8,
3808899.6,   520.2,   1482.1,   0.0);
     (370914.9, 3808949.2,   518.5,   1482.1,   0.0);   (370919.2,
3808926.7,   518.3,   1482.1,   0.0);
     (370923.4, 3808904.2,   518.9,   1482.1,   0.0);   (370931.9,
3808859.3,   523.5,   1482.1,   0.0);
     (370931.0, 3808998.8,   515.4,   1482.1,   0.0);   (370943.7,
3808931.4,   515.2,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370948.0, 3808908.9,   516.8,   1482.1,   0.0);   (370956.5,
3808863.9,   521.9,   1482.1,   0.0);
     (370955.5, 3809003.5,   513.3,   1482.1,   0.0);   (370968.3,
3808936.0,   514.9,   1482.1,   0.0);
     (370976.8, 3808891.0,   517.0,   1482.1,   0.0);   (371173.3,
3808928.2,   518.4,   1482.1,   0.0);
     (371267.3, 3808969.3,   521.6,   1482.1,   0.0);   (371344.3,

3809100.3,   517.7,   1482.1,   0.0);
     (371459.6, 3809029.0,   519.3,   1482.1,   0.0);   (370904.5,
3808837.5,   524.4,   1482.1,   0.0);
     (370892.3, 3808816.4,   526.1,   1482.1,   0.0);   (370880.1,
3808795.3,   527.1,   1482.1,   0.0);
     (370926.1, 3808825.0,   524.2,   1482.1,   0.0);   (370914.0,
3808803.9,   525.4,   1482.1,   0.0);
     (370901.8, 3808782.8,   526.2,   1482.1,   0.0);   (370950.7,
3808829.6,   523.0,   1482.1,   0.0);
     (370935.6, 3808791.4,   522.5,   1482.1,   0.0);   (370973.3,
3808822.8,   520.0,   1482.1,   0.0);
     (370977.2, 3808845.7,   520.2,   1482.1,   0.0);   (370969.4,
3808800.0,   519.0,   1482.1,   0.0);
     (371056.0, 3808750.0,   522.2,   1482.1,   0.0);   (371158.2,
3808791.5,   522.7,   1482.1,   0.0);
     (371162.0, 3808814.3,   521.8,   1482.1,   0.0);   (371142.7,
3808700.0,   523.0,   1482.1,   0.0);
     (371130.5, 3808679.0,   522.8,   1482.1,   0.0);   (371118.3,
3808657.9,   523.9,   1482.1,   0.0);
     (371233.2, 3808672.9,   526.9,   1482.1,   0.0);   (371237.0,
3808695.8,   526.1,   1482.1,   0.0);
     (371240.9, 3808718.6,   525.4,   1482.1,   0.0);   (371244.8,
3808741.5,   524.9,   1482.1,   0.0);
     (371264.2, 3808855.8,   521.8,   1482.1,   0.0);   (371229.3,
3808650.1,   527.4,   1482.1,   0.0);
     (371217.1, 3808629.0,   527.2,   1482.1,   0.0);   (371205.0,
3808607.9,   526.6,   1482.1,   0.0);
     (371319.8, 3808623.0,   529.5,   1482.1,   0.0);   (371323.7,
3808645.8,   529.1,   1482.1,   0.0);
     (371327.5, 3808668.7,   528.4,   1482.1,   0.0);   (371331.4,
3808691.5,   527.7,   1482.1,   0.0);
     (371335.3, 3808714.4,   527.1,   1482.1,   0.0);   (371339.2,
3808737.2,   526.5,   1482.1,   0.0);
     (371343.0, 3808760.1,   525.3,   1482.1,   0.0);   (371346.9,
3808782.9,   524.8,   1482.1,   0.0);
     (371315.9, 3808600.1,   529.7,   1482.1,   0.0);   (371303.7,
3808579.0,   530.2,   1482.1,   0.0);
     (371291.6, 3808558.0,   530.6,   1482.1,   0.0);   (371406.4,
3808573.0,   532.6,   1482.1,   0.0);
     (371410.3, 3808595.8,   531.6,   1482.1,   0.0);   (371414.2,
3808618.7,   530.7,   1482.1,   0.0);
     (371418.0, 3808641.5,   530.3,   1482.1,   0.0);   (371421.9,
3808664.4,   529.5,   1482.1,   0.0);
     (371425.8, 3808687.3,   528.9,   1482.1,   0.0);   (371429.7,
3808710.1,   528.4,   1482.1,   0.0);
     (371433.5, 3808733.0,   527.8,   1482.1,   0.0);   (371437.4,
3808755.8,   528.0,   1482.1,   0.0);
     (371441.3, 3808778.7,   531.5,   1482.1,   0.0);   (371445.2,
3808801.5,   536.3,   1482.1,   0.0);
     (371449.1, 3808824.4,   539.0,   1482.1,   0.0);   (371453.0,

3808847.2,   539.7,   1482.1,   0.0);
     (371464.6, 3808915.8,   535.9,   1482.1,   0.0);   (371402.5,
3808550.1,   533.3,   1482.1,   0.0);
     (371390.4, 3808529.1,   533.6,   1482.1,   0.0);   (371378.2,
3808508.0,   534.0,   1482.1,   0.0);
     (370877.6, 3808756.3,   527.6,   1482.1,   0.0);   (370874.8,
3808732.0,   528.8,   1482.1,   0.0);
     (370872.0, 3808707.7,   530.5,   1482.1,   0.0);   (370899.6,
3808729.1,   528.1,   1482.1,   0.0);
     (370896.8, 3808704.8,   530.3,   1482.1,   0.0);   (370924.5,
3808726.2,   526.3,   1482.1,   0.0);
     (370921.6, 3808701.9,   529.0,   1482.1,   0.0);   (370949.3,
3808723.3,   522.8,   1482.1,   0.0);
     (370946.5, 3808699.0,   524.9,   1482.1,   0.0);   (371255.8,
3808761.4,   524.6,   1482.1,   0.0);
     (371448.8, 3808689.6,   529.1,   1482.1,   0.0);   (371445.9,
3808665.3,   529.7,   1482.1,   0.0);
     (371443.1, 3808641.0,   530.4,   1482.1,   0.0);   (370845.5,
3808685.6,   531.6,   1482.1,   0.0);
     (370821.2, 3808687.2,   532.1,   1482.1,   0.0);   (370861.5,
3808666.4,   534.0,   1482.1,   0.0);
     (370859.8, 3808641.5,   535.2,   1482.1,   0.0);   (370904.0,
3808669.2,   531.9,   1482.1,   0.0);
     (370858.1, 3808616.5,   537.4,   1482.1,   0.0);   (370893.5,
3808628.0,   533.6,   1482.1,   0.0);
     (370874.2, 3808524.1,   543.2,   1482.1,   0.0);   (370914.5,
3808537.2,   539.9,   1482.1,   0.0);
     (370954.9, 3808550.3,   538.1,   1482.1,   0.0);   (370985.2,
3808575.5,   538.4,   1482.1,   0.0);
     (371005.4, 3808612.8,   533.4,   1482.1,   0.0);   (371025.6,
3808650.1,   533.3,   1482.1,   0.0);
     (370890.7, 3808431.8,   563.8,   1482.1,   0.0);   (370933.1,
3808445.6,   552.2,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (370975.5, 3808459.3,   543.9,   1482.1,   0.0);   (371017.8,
3808473.1,   538.2,   1482.1,   0.0);
     (371049.6, 3808499.5,   537.3,   1482.1,   0.0);   (371070.9,
3808538.7,   536.8,   1482.1,   0.0);
     (371092.1, 3808577.9,   531.1,   1482.1,   0.0);   (371113.3,

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3808617.0,     529.0,    1482.1,       0.0);
     ( 370907.5, 3808339.6,     542.9,    1482.1,       0.0);         ( 370929.2,
3808346.7,     549.0,    1482.1,       0.0);
     ( 370950.9, 3808353.8,     552.7,    1482.1,       0.0);         ( 370972.6,
3808360.8,     550.4,    1482.1,       0.0);
     ( 370994.4, 3808367.8,     544.7,    1482.1,       0.0);         ( 371016.1,
3808374.9,     543.0,    1482.1,       0.0);
     ( 371037.8, 3808381.9,     542.4,    1482.1,       0.0);         ( 371059.5,
3808389.0,     541.7,    1482.1,       0.0);
     ( 371081.3, 3808396.0,     541.0,    1482.1,       0.0);         ( 371113.9,
3808423.2,     538.6,    1482.1,       0.0);
     ( 371124.8, 3808443.3,     537.9,    1482.1,       0.0);         ( 371135.6,
3808463.4,     538.3,    1482.1,       0.0);
     ( 371146.5, 3808483.4,     537.9,    1482.1,       0.0);         ( 371157.4,
3808503.5,     534.6,    1482.1,       0.0);
     ( 371168.3, 3808523.6,     531.1,    1482.1,       0.0);         ( 371179.2,
3808543.7,     530.1,    1482.1,       0.0);
     ( 371190.0, 3808563.8,     528.6,    1482.1,       0.0);         ( 371200.9,
3808583.9,     526.5,    1482.1,       0.0);
     ( 370924.2, 3808247.5,     543.6,    1482.1,       0.0);         ( 370946.3,
3808254.6,     547.3,    1482.1,       0.0);
     ( 370968.4, 3808261.8,     551.2,    1482.1,       0.0);         ( 370990.4,
3808269.0,     559.0,    1482.1,       0.0);
     ( 371012.5, 3808276.1,     561.0,    1482.1,       0.0);         ( 371034.6,
3808283.3,     554.5,    1482.1,       0.0);
     ( 371056.6, 3808290.4,     547.6,    1482.1,       0.0);         ( 371078.7,
3808297.6,     551.2,    1482.1,       0.0);
     ( 371100.8, 3808304.8,     555.9,    1482.1,       0.0);         ( 371122.8,
3808311.9,     556.8,    1482.1,       0.0);
     ( 371144.9, 3808319.1,     552.0,    1482.1,       0.0);         ( 371178.0,
3808346.6,     541.7,    1482.1,       0.0);
     ( 371189.1, 3808367.0,     540.5,    1482.1,       0.0);         ( 371200.1,
3808387.4,     540.7,    1482.1,       0.0);
     ( 371211.2, 3808407.8,     540.0,    1482.1,       0.0);         ( 371222.2,
3808428.2,     535.8,    1482.1,       0.0);
     ( 371233.3, 3808448.6,     534.2,    1482.1,       0.0);         ( 371244.3,
3808469.0,     533.1,    1482.1,       0.0);
     ( 371255.4, 3808489.4,     532.7,    1482.1,       0.0);         ( 371266.4,
3808509.8,     531.2,    1482.1,       0.0);
     ( 371277.5, 3808530.2,     530.5,    1482.1,       0.0);         ( 370918.7,
3808148.1,     556.5,    1482.1,       0.0);
     ( 370941.0, 3808155.3,     559.3,    1482.1,       0.0);         ( 370963.3,
3808162.5,     555.4,    1482.1,       0.0);
     ( 370985.6, 3808169.8,     552.4,    1482.1,       0.0);         ( 371007.9,
3808177.0,     564.9,    1482.1,       0.0);
     ( 371030.2, 3808184.2,     572.2,    1482.1,       0.0);         ( 371052.5,
3808191.5,     571.4,    1482.1,       0.0);
     ( 371074.8, 3808198.7,     566.3,    1482.1,       0.0);         ( 371097.1,
3808206.0,     562.3,    1482.1,       0.0);
     ( 371119.4, 3808213.2,     560.6,    1482.1,       0.0);         ( 371141.7,
```

3808220.4,   560.1,   1482.1,   0.0);
     (371164.0, 3808227.7,   556.5,   1482.1,   0.0);   (371186.3,
3808234.9,   547.5,   1482.1,   0.0);
     (371208.6, 3808242.1,   546.1,   1482.1,   0.0);   (371242.1,
3808270.0,   545.0,   1482.1,   0.0);
     (371253.3, 3808290.6,   544.4,   1482.1,   0.0);   (371264.4,
3808311.2,   543.9,   1482.1,   0.0);
     (371275.6, 3808331.8,   542.0,   1482.1,   0.0);   (371286.8,
3808352.4,   538.6,   1482.1,   0.0);
     (371297.9, 3808373.0,   537.8,   1482.1,   0.0);   (371309.1,
3808393.7,   536.9,   1482.1,   0.0);
     (371320.3, 3808414.3,   536.0,   1482.1,   0.0);   (371331.4,
3808434.9,   535.8,   1482.1,   0.0);
     (371342.6, 3808455.5,   534.9,   1482.1,   0.0);   (371353.8,
3808476.1,   534.5,   1482.1,   0.0);
     (370807.2, 3808111.9,   547.3,   1482.1,   0.0);   (370782.9,
3808113.5,   540.9,   1482.1,   0.0);
     (370850.8, 3808734.6,   529.6,   1482.1,   0.0);   (370853.2,
3808759.5,   528.7,   1482.1,   0.0);
     (370861.0, 3809110.4,   514.7,   1482.1,   0.0);   (370826.6,
3808651.5,   534.9,   1482.1,   0.0);
     (370934.2, 3808562.5,   538.1,   1482.1,   0.0);   (370954.8,
3808592.6,   538.0,   1482.1,   0.0);
     (370975.4, 3808622.7,   534.8,   1482.1,   0.0);   (370903.3,
3808517.4,   542.8,   1482.1,   0.0);
     (370972.0, 3808481.4,   540.5,   1482.1,   0.0);   (370992.6,
3808511.5,   538.1,   1482.1,   0.0);
     (371013.2, 3808541.6,   538.0,   1482.1,   0.0);   (371033.8,
3808571.7,   536.8,   1482.1,   0.0);
     (371054.4, 3808601.7,   531.5,   1482.1,   0.0);   (371075.0,
3808631.8,   528.9,   1482.1,   0.0);
     (371095.6, 3808661.9,   525.4,   1482.1,   0.0);   (371095.7,
3808788.8,   521.1,   1482.1,   0.0);
     (370930.8, 3808421.3,   557.2,   1482.1,   0.0);   (371009.8,
3808400.3,   542.9,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371030.4, 3808430.4,   541.0,   1482.1,   0.0);   (371051.0,
3808460.5,   538.8,   1482.1,   0.0);
     (371071.6, 3808490.5,   537.4,   1482.1,   0.0);   (371092.2,

3808520.6,   537.8,   1482.1,   0.0);
     (371112.8, 3808550.7,   531.7,   1482.1,   0.0);   (371133.4,
3808580.8,   530.1,   1482.1,   0.0);
     (371154.0, 3808610.9,   527.1,   1482.1,   0.0);   (371174.6,
3808640.9,   525.2,   1482.1,   0.0);
     (371195.2, 3808671.0,   525.7,   1482.1,   0.0);   (371105.2,
3808888.3,   518.5,   1482.1,   0.0);
     (371015.2, 3808978.7,   516.5,   1482.1,   0.0);   (370958.2,
3808325.1,   551.7,   1482.1,   0.0);
     (370922.7, 3808315.0,   540.4,   1482.1,   0.0);   (370996.0,
3808244.0,   560.2,   1482.1,   0.0);
     (371047.5, 3808319.2,   544.3,   1482.1,   0.0);   (371068.1,
3808349.3,   543.3,   1482.1,   0.0);
     (371212.4, 3808559.8,   528.6,   1482.1,   0.0);   (371233.0,
3808589.9,   527.4,   1482.1,   0.0);
     (371253.6, 3808620.0,   528.5,   1482.1,   0.0);   (371274.2,
3808650.1,   528.0,   1482.1,   0.0);
     (371294.8, 3808680.1,   527.9,   1482.1,   0.0);   (371320.6,
3808781.2,   524.6,   1482.1,   0.0);
     (371114.8, 3808987.9,   515.7,   1482.1,   0.0);   (371089.0,
3809013.7,   514.3,   1482.1,   0.0);
     (370967.9, 3808223.9,   545.4,   1482.1,   0.0);   (371023.5,
3808147.8,   568.4,   1482.1,   0.0);
     (371075.0, 3808223.0,   569.6,   1482.1,   0.0);   (371095.6,
3808253.1,   563.4,   1482.1,   0.0);
     (371116.2, 3808283.2,   560.9,   1482.1,   0.0);   (371342.9,
3808614.1,   530.5,   1482.1,   0.0);
     (371363.5, 3808644.1,   529.3,   1482.1,   0.0);   (371384.1,
3808674.2,   528.3,   1482.1,   0.0);
     (371404.7, 3808704.3,   527.9,   1482.1,   0.0);   (371420.2,
3808790.3,   530.9,   1482.1,   0.0);
     (371394.4, 3808816.1,   526.4,   1482.1,   0.0);   (371291.5,
3808919.5,   520.3,   1482.1,   0.0);
     (371175.8, 3809035.7,   516.7,   1482.1,   0.0);   (371111.5,
3809100.3,   514.5,   1482.1,   0.0);
     (371085.7, 3809126.1,   512.9,   1482.1,   0.0);   (371021.4,
3809190.7,   511.2,   1482.1,   0.0);
     (370931.4, 3809281.2,   511.3,   1482.1,   0.0);   (370995.4,
3808127.7,   571.2,   1482.1,   0.0);
     (370822.8, 3808712.2,   530.9,   1482.1,   0.0);   (370847.1,
3808710.6,   530.5,   1482.1,   0.0);
     (370858.5, 3808807.8,   526.9,   1482.1,   0.0);   (370882.8,
3808850.0,   524.0,   1482.1,   0.0);
     (370848.8, 3809029.9,   512.4,   1482.1,   0.0);   (370868.2,
3809159.5,   508.1,   1482.1,   0.0);
     (370839.0, 3809234.1,   505.6,   1482.1,   0.0);   (370839.0,
3809255.2,   506.0,   1482.1,   0.0);
     (370887.7, 3809263.3,   511.1,   1482.1,   0.0);   (370937.9,
3809289.2,   509.6,   1482.1,   0.0);
     (370946.0, 3809318.4,   503.8,   1482.1,   0.0);   (371002.3,

3809324.5,   509.0,   1482.1,   0.0);
     (371003.7, 3809369.9,   500.0,   1482.1,   0.0);   (371137.8,
3809366.2,   499.3,   1482.1,   0.0);
     (371225.6, 3809364.7,   528.8,   1482.1,   0.0);   (371212.1,
3809444.2,   516.7,   1482.1,   0.0);
     (371189.7, 3809473.3,   508.4,   1482.1,   0.0);   (371178.5,
3809515.8,   496.6,   1482.1,   0.0);
     (371208.7, 3809569.0,   495.7,   1482.1,   0.0);   (371216.7,
3809697.1,   499.6,   1482.1,   0.0);
     (371211.6, 3809719.4,   500.9,   1482.1,   0.0);   (371195.1,
3809860.3,   503.2,   1482.1,   0.0);
     (371186.5, 3809871.8,   501.2,   1482.1,   0.0);   (371200.1,
3809894.8,   494.9,   1482.1,   0.0);
     (371192.9, 3810052.3,   510.7,   1482.1,   0.0);   (371165.6,
3810045.9,   506.9,   1482.1,   0.0);
     (371154.1, 3810042.3,   505.2,   1482.1,   0.0);   (371154.1,
3810059.5,   510.1,   1482.1,   0.0);
     (371146.2, 3810064.6,   510.8,   1482.1,   0.0);   (371023.9,
3810055.9,   495.5,   1482.1,   0.0);
     (371015.3, 3810023.6,   491.7,   1482.1,   0.0);   (370757.8,
3809977.5,   486.9,   1482.1,   0.0);
     (370666.5, 3810061.0,   481.7,   1482.1,   0.0);   (370592.0,
3810093.1,   481.1,   1482.1,   0.0);
     (370548.0, 3810094.0,   481.0,   1482.1,   0.0);   (370528.6,
3810117.7,   479.9,   1482.1,   0.0);
     (370503.2, 3810116.8,   479.9,   1482.1,   0.0);   (370485.4,
3810094.0,   480.9,   1482.1,   0.0);
     (370430.4, 3810099.9,   481.4,   1482.1,   0.0);   (370313.6,
3810112.6,   481.1,   1482.1,   0.0);
     (370298.4, 3810127.0,   481.4,   1482.1,   0.0);   (370224.0,
3810150.7,   487.0,   1482.1,   0.0);
     (370196.0, 3810182.0,   479.4,   1482.1,   0.0);   (370170.7,
3810183.7,   478.7,   1482.1,   0.0);
     (370135.1, 3810190.4,   482.0,   1482.1,   0.0);   (370108.0,
3810175.2,   491.4,   1482.1,   0.0);
     (370075.0, 3810182.8,   491.9,   1482.1,   0.0);   (369956.6,
3810155.7,   476.9,   1482.1,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (369907.5, 3810133.7,   476.8,   1482.1,   0.0);   (369878.8,

3810142.2,   476.2,   1482.1,   0.0);
     (369864.4, 3810132.9,   475.6,   1482.1,   0.0);   (369868.6,
3810116.0,   475.7,   1482.1,   0.0);
     (369829.7, 3810091.4,   476.1,   1482.1,   0.0);   (369822.1,
3810071.1,   476.6,   1482.1,   0.0);
     (369832.2, 3810050.0,   477.5,   1482.1,   0.0);   (369850.0,
3810046.6,   477.5,   1482.1,   0.0);
     (370020.0, 3810114.3,   477.2,   1482.1,   0.0);   (370020.0,
3810077.0,   478.0,   1482.1,   0.0);
     (370037.0, 3810070.3,   478.2,   1482.1,   0.0);   (370049.7,
3810076.2,   478.0,   1482.1,   0.0);
     (370079.3, 3810067.7,   478.0,   1482.1,   0.0);   (370097.0,
3810031.4,   483.0,   1482.1,   0.0);
     (370116.5, 3810027.1,   483.0,   1482.1,   0.0);   (370171.5,
3810050.8,   495.3,   1482.1,   0.0);
     (370186.7, 3810037.3,   503.4,   1482.1,   0.0);   (370218.0,
3810033.0,   492.7,   1482.1,   0.0);
     (370226.5, 3810041.5,   492.3,   1482.1,   0.0);   (370244.3,
3810028.0,   486.4,   1482.1,   0.0);
     (370289.1, 3810031.4,   483.3,   1482.1,   0.0);   (370324.6,
3810044.9,   482.5,   1482.1,   0.0);
     (370467.6, 3810030.5,   484.0,   1482.1,   0.0);   (370478.6,
3810028.0,   484.1,   1482.1,   0.0);
     (370489.6, 3810000.9,   485.2,   1482.1,   0.0);   (370531.1,
3809993.3,   485.2,   1482.1,   0.0);
     (370549.7, 3809988.2,   485.4,   1482.1,   0.0);   (370578.5,
3809984.0,   485.9,   1482.1,   0.0);
     (370638.6, 3809975.5,   499.1,   1482.1,   0.0);   (370652.9,
3809970.4,   499.8,   1482.1,   0.0);
     (370655.5, 3809958.6,   495.9,   1482.1,   0.0);   (370597.9,
3809958.6,   490.7,   1482.1,   0.0);
     (370524.3, 3809960.3,   487.4,   1482.1,   0.0);   (370494.7,
3809938.3,   486.8,   1482.1,   0.0);
     (370450.7, 3809941.7,   486.3,   1482.1,   0.0);   (370431.3,
3809942.5,   486.5,   1482.1,   0.0);
     (370427.0, 3809924.8,   486.3,   1482.1,   0.0);   (370430.4,
3809906.1,   486.6,   1482.1,   0.0);
     (370408.4, 3809902.8,   486.4,   1482.1,   0.0);   (370394.0,
3809710.7,   490.2,   1482.1,   0.0);
     (370394.9, 3809696.3,   490.6,   1482.1,   0.0);   (370402.5,
3809685.3,   491.2,   1482.1,   0.0);
     (370426.2, 3809701.4,   490.8,   1482.1,   0.0);   (370426.2,
3809625.2,   499.2,   1482.1,   0.0);
     (370439.7, 3809600.7,   501.9,   1482.1,   0.0);   (370503.2,
3809546.5,   499.4,   1482.1,   0.0);
     (370698.6, 3809431.5,   500.4,   1482.1,   0.0);   (370715.5,
3809438.2,   500.2,   1482.1,   0.0);
     (370766.3, 3809401.0,   502.0,   1482.1,   0.0);   (370767.2,
3809342.6,   503.3,   1482.1,   0.0);
     (370734.2, 3809307.1,   501.8,   1482.1,   0.0);   (370739.2,

3809271.5,   501.9,   1482.1,   0.0);
     (370795.9, 3809270.7,   503.6,   1482.1,   0.0);   (370795.9,
3809163.2,   508.6,   1482.1,   0.0);
     (370797.6, 3808929.7,   516.4,   1482.1,   0.0);   (370806.9,
3808880.6,   522.1,   1482.1,   0.0);
     (370809.5, 3808845.1,   524.5,   1482.1,   0.0);   (370813.7,
3808830.7,   525.4,   1482.1,   0.0);
     (370789.2, 3808796.9,   529.8,   1482.1,   0.0);   (370801.0,
3808766.4,   529.4,   1482.1,   0.0);
     (370809.5, 3808708.0,   531.5,   1482.1,   0.0);   (370812.8,
3808699.6,   532.0,   1482.1,   0.0);
     (370848.4, 3808709.7,   530.5,   1482.1,   0.0);

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
                Met Version: 22112
   Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23130   Upper air station no.:   3190
                  Name: UNKNOWN   Name: UNKNOWN

                  Year: 2018   Year: 2018

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -2.6 0.074 -9.000 -9.000 -999.   49.   13.5 0.09   2.01
1.00   0.88 144.   10.0 280.2   9.0
 18 01 01   1 02   -3.8 0.086 -9.000 -9.000 -999.   60.   14.4 0.09   2.01
1.00   1.10 130.   10.0 279.9   9.0
 18 01 01   1 03   -3.4 0.085 -9.000 -9.000 -999.   59.   15.4 0.17   2.01
1.00   0.91 163.   10.0 279.6   9.0
 18 01 01   1 04   -3.6 0.083 -9.000 -9.000 -999.   58.   14.1 0.09   2.01
1.00   1.06 130.   10.0 278.9   9.0
 18 01 01   1 05   -4.0 0.088 -9.000 -9.000 -999.   63.   14.6 0.09   2.01
1.00   1.14 141.   10.0 278.8   9.0
 18 01 01   1 06   -2.5 0.076 -9.000 -9.000 -999.   50.   15.2 0.17   2.01
1.00   0.73 173.   10.0 278.0   9.0
 18 01 01   1 07   -4.0 0.087 -9.000 -9.000 -999.   62.   14.5 0.09   2.01
1.00   1.13 136.   10.0 277.7   9.0
 18 01 01   1 08   -2.4 0.072 -9.000 -9.000 -999.   47.   13.7 0.09   2.01
0.59   0.89 133.   10.0 278.6   9.0
 18 01 01   1 09   24.8 0.157 0.329 0.017   50. 149.   -13.6 0.31   2.01
0.35   0.97 314.   7.9 282.4   9.0
 18 01 01   1 10   89.7 0.133 0.759 0.015 170. 117.   -2.3 0.03   2.01

```
0.27    1.33   19.    7.9  288.8    9.0
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370795.73   3808683.73        0.52028m (23013024)               370772.52
3808674.46        0.47434m (23013024)
        370799.76   3808653.91        0.46985m (23013024)               370749.30
3808665.18        0.43713m (23013024)
        370767.60   3808645.43        0.44734m (23013024)               370788.75
3808631.46        0.43851m (23013024)
        370815.57   3808629.07        0.42594  (23112624)               370726.09
3808655.91        0.40469m (23013024)
        370744.39   3808636.15        0.41281m (23013024)               370762.69
3808616.40        0.41233m (23013024)
        370786.67   3808608.22        0.40665m (23013024)               370813.49
3808605.83        0.39270m (23013024)
        370633.22   3808618.80        0.32024m (23013024)               370651.53
3808599.05        0.31610m (23013024)
        370669.83   3808579.30        0.31772m (23013024)               370688.13
3808559.55        0.32705m (23013024)
        370706.43   3808539.80        0.32208m (23013024)               370733.67
3808519.25        0.30668m (23013024)
        370760.49   3808516.86        0.30196m (23013024)               370787.31
3808514.46        0.30257m (23013024)
        370814.13   3808512.07        0.29765m (23013024)               370840.95
3808509.67        0.29344  (23112624)
        370540.36   3808581.70        0.27819  (18072124)               370558.66
3808561.95        0.27228  (18072124)
        370576.97   3808542.20        0.26934  (18072124)               370595.27
3808522.45        0.26479m (23013024)
        370613.57   3808502.70        0.25611m (23013024)               370631.87
3808482.95        0.26196m (23013024)
        370650.17   3808463.20        0.26750m (23013024)               370668.47
3808443.44        0.27304m (23013024)
        370689.61   3808429.48        0.27834m (23013024)               370716.43
3808427.09        0.28107m (23013024)
        370743.25   3808424.69        0.29952m (23013024)               370770.07
3808422.30        0.31024m (23013024)
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        370796.89   3808419.90        0.30915m (23013024)                370823.71
3808417.51        0.30778  (23112624)
        370850.53   3808415.11        0.28502  (23112624)                370877.35
3808412.72        0.24539  (23112624)
        370447.50   3808544.60        0.24309  (18072124)                370465.80
3808524.85        0.24097  (18072124)
        370484.10   3808505.10        0.24050  (18072124)                370502.40
3808485.35        0.23904  (18072124)
        370520.71   3808465.60        0.24787  (18072124)                370539.01
3808445.85        0.25079  (22012824)
        370557.31   3808426.09        0.27291  (22012824)                370575.61
3808406.34        0.27785  (22012824)
        370593.91   3808386.59        0.28189m (23013024)                370612.21
3808366.84        0.27966m (23013024)
        370630.51   3808347.09        0.27724m (23013024)                370654.49
3808338.91        0.28711m (23013024)
        370681.31   3808336.52        0.29003m (23013024)                370708.13
3808334.12        0.29499m (23013024)
        370734.95   3808331.73        0.29435m (23013024)                370761.77
3808329.33        0.29319m (23013024)
        370788.60   3808326.94        0.29260  (23112624)                370815.42
3808324.55        0.29147  (23112624)
        370842.24   3808322.15        0.28229  (23112624)                370869.06
3808319.76        0.27156  (23112624)
        370895.88   3808317.36        0.25951  (23112624)                370354.64
3808507.50        0.23924  (22012824)
        370372.94   3808487.75        0.24443  (22012824)                370391.24
3808468.00        0.24732  (22012824)
        370409.54   3808448.25        0.24553  (22012824)                370427.84
3808428.50        0.24996  (22012824)
        370446.14   3808408.74        0.26612  (22012824)                370464.45
3808388.99        0.25293  (22012824)
        370482.75   3808369.24        0.24609  (22012824)                370501.05
3808349.49        0.25670  (22012824)
        370519.35   3808329.74        0.26776  (22012824)                370537.65
3808309.99        0.26413  (22012824)
        370555.95   3808290.24        0.25891  (22012824)                370574.25
3808270.49        0.25407m (23013024)
        370601.50   3808249.94        0.24518m (23013024)                370628.32
3808247.54        0.25093m (23013024)
        370655.14   3808245.15        0.25474m (23013024)                370681.96
3808242.75        0.25760m (23013024)
        370708.78   3808240.36        0.26063m (23013024)                370735.60
3808237.97        0.26355m (23013024)
        370762.42   3808235.57        0.26806  (23112624)                370789.24
3808233.18        0.27140  (23112624)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370816.06	3808230.78	0.27510	(23112624)	370842.88	3808228.39	0.27021	(23112624)
370869.70	3808226.00	0.26399	(23112624)	370896.52	3808223.60	0.26531	(23112624)
370923.34	3808221.21	0.25738	(20012724)	370261.77	3808470.40	0.21859	(23021724)
370280.08	3808450.65	0.22822	(23021724)	370298.38	3808430.90	0.23108	(23021724)
370316.68	3808411.15	0.23452	(22012824)	370334.98	3808391.39	0.23891	(22012824)
370353.28	3808371.64	0.24188	(22012824)	370371.58	3808351.89	0.24521	(22012824)
370389.88	3808332.14	0.24201	(22012824)	370408.19	3808312.39	0.23555	(22012824)
370426.49	3808292.64	0.24094	(22012824)	370444.79	3808272.89	0.24660	(22012824)
370463.09	3808253.14	0.24587	(22012824)	370481.39	3808233.39	0.24157	(22012824)
370499.69	3808213.63	0.23682	(22012824)	370517.99	3808193.88	0.23085	(22012824)
370536.30	3808174.13	0.22557	(22012824)	370557.44	3808160.17	0.22132	(22012824)
370584.26	3808157.77	0.21957	(22012824)	370611.08	3808155.38	0.22249m	(23013024)
370637.90	3808152.98	0.22752m	(23013024)	370664.72			

3808150.59 0.23152m (23013024)
370691.54 3808148.20 0.23853m (23013024) 370718.36
3808145.80 0.24404m (23013024)
370745.18 3808143.41 0.24931m (23013024) 370772.00
3808141.01 0.23711m (23013024)
370798.82 3808138.62 0.21824m (23013024) 370825.64
3808136.22 0.20711 (23112624)
370852.46 3808133.83 0.21347 (23112624) 370879.28
3808131.44 0.21205 (23112624)
370906.10 3808129.04 0.18781 (23112624) 370932.92
3808126.65 0.16954 (23112624)
370959.74 3808124.25 0.17375 (20012724) 370784.73
3808704.46 0.53156m (23013024)
370779.09 3808743.38 0.54612m (23013024) 370759.99
3808700.88 0.46618m (23013024)
370754.35 3808739.80 0.48433m (23013024) 370735.25
3808697.29 0.44074m (23013024)
370729.61 3808736.21 0.46806m (23013024) 370713.56
3808682.33 0.40267m (23013024)
370707.68 3808713.17 0.43527m (23013024) 370702.04
3808752.09 0.45073m (23013024)
370615.61 3808664.19 0.32872 (18072124) 370608.72
3808698.83 0.34616 (18072124)
370603.08 3808737.75 0.36116 (18072124) 370517.15
3808647.96 0.28612 (18072124)
370526.30 3808613.82 0.28245 (18072124) 370509.75
3808684.49 0.29483 (18072124)
370504.11 3808723.41 0.29817 (18072124) 370418.49
3808632.48 0.24969 (18072124)
370428.25 3808596.06 0.25308 (22012824) 370410.78
3808670.14 0.24676 (18072124)
370405.14 3808709.06 0.24250 (18072124) 370319.72
3808617.38 0.22070 (21101524)
370329.90 3808579.44 0.22756 (21101524) 370340.07
3808541.51 0.22631 (21101524)
370311.82 3808655.80 0.23184 (21101524) 370306.18
3808694.72 0.24471 (18030524)
370220.25 3808604.93 0.23449 (18030524) 370229.41
3808570.79 0.22848 (21101524)
370238.56 3808536.65 0.22438 (21101524) 370247.72
3808502.51 0.21813 (21101524)
370212.85 3808641.46 0.24345 (18030524) 370207.21
3808680.38 0.25129 (18030524)
370771.79 3808772.60 0.54660m (23013024) 370748.49
3808763.53 0.49745m (23013024)
370719.26 3808769.70 0.47512m (23013024) 370768.92
3808811.57 0.57138m (23013024)
370793.46 3808845.41 0.70183 (23112524) 370744.13
3808814.76 0.55287m (23013024)
370741.07 3808791.02 0.51359m (23013024) 370760.95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370720.48	3808872.52	0.58448	(23112524)	370619.96	3808895.93	0.50606	(23021724)
370605.38	3808859.20	0.47185	(23021724)	370593.19	3808802.84	0.38258	(18072124)
370597.98	3808763.61	0.36950	(18072124)	370639.52	3808931.22	0.54514	(23021724)
370539.46	3808955.79	0.42413	(21101524)	370525.79	3808921.35	0.38830	(21101524)
370512.13	3808886.91	0.38554	(21101524)	370498.46	3808852.47	0.38183	(23021724)
370493.87	3808816.86	0.35548	(21101524)	370498.35	3808780.07	0.32237	(18072124)
370558.57	3808989.93	0.51049	(23021724)	370458.05	3809013.35	0.43207	(22012224)
370443.47	3808976.61	0.40881	(23021724)	370428.89	3808939.87	0.37948	(21101524)

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        370414.31   3808903.14        0.33932  (21101524)               370399.73
3808866.40        0.30217  (21101524)
        370394.84   3808828.41        0.29984  (21101524)               370399.62
3808789.18        0.27092  (18072124)
        370404.41   3808749.95        0.25724  (18072124)               370477.61
3809048.63        0.45902  (22012224)
        370376.80   3809071.29        0.41641  (22012224)               370361.61
3809033.02        0.39341  (22012224)
        370346.42   3808994.75        0.35641  (22011524)               370331.23
3808956.48        0.33535  (18030524)
        370316.04   3808918.22        0.29330  (18030524)               370300.86
3808879.95        0.25498  (18030524)
        370295.76   3808840.38        0.24097  (18030524)               370300.74
3808799.51        0.22999  (18030524)
        370305.73   3808758.65        0.24823  (18030524)               370310.72
3808717.78        0.25365  (18030524)
        370396.66   3809107.34        0.45312m (22120324)               370296.14
3809130.76        0.41997  (22011524)
        370281.56   3809094.02        0.40122  (22011524)               370266.98
3809057.29        0.34803  (21012824)
        370252.40   3809020.55        0.33182  (22011524)               370237.82
3808983.81        0.30408  (21012824)
        370223.24   3808947.07        0.28935  (22011524)               370208.66
3808910.34        0.28357  (22011524)
        370196.48   3808853.98        0.27654  (18030524)               370201.26
3808814.75        0.26172  (18030524)
        370206.05   3808775.52        0.26557  (18030524)               370210.84
3808736.28        0.26036  (18030524)
        370315.70   3809166.05        0.44485m (22120324)               370621.82
3808774.33        0.39470m (23013024)
        370525.88   3808746.12        0.32328  (18072124)               370429.94
3808717.92        0.26710  (18072124)
        370334.00   3808689.72        0.23674  (21101524)               370238.06
3808661.52        0.24704  (18030524)
        370781.99   3808878.87        0.69708  (23112524)               370757.06
3808877.08        0.64184m (23013024)
        370612.52   3808816.81        0.41498  (22012824)               370316.18
3808779.36        0.23146  (18030524)
        370228.12   3808707.51        0.25533  (18030524)               370773.06
3808925.07        0.77075  (23112524)
        370748.50   3808920.41        0.67982  (23112524)               370723.93
3808915.75        0.62566  (23112524)
        370699.37   3808911.09        0.58632  (20120824)               370772.45
3808952.90        0.81317  (23112524)
        370772.28   3808976.25        0.84164  (23112524)               370772.11
3808999.61        0.87103  (23112524)
        370771.94   3809022.96        0.90931m (22120324)               370771.78
3809046.31        0.95303m (22120324)
        370771.61   3809069.66        1.00168m (22120324)               370771.44
3809093.01        1.05608m (22120324)
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        370771.27   3809116.37        1.11789m (22120324)               370771.10
3809139.72        1.19082m (22120324)
        370770.93   3809163.07        1.27358m (22120324)               370747.45
3808952.72        0.72636  (23112524)
        370747.28   3808976.07        0.75364  (23112524)               370747.11
3808999.42        0.78123  (20120824)
        370746.95   3809022.78        0.81900  (20120824)               370746.78
3809046.13        0.85803  (20120824)
        370746.61   3809069.48        0.90052  (20120824)               370746.44
3809092.83        0.94690  (20120824)
        370746.27   3809116.18        0.99887  (20120824)               370746.10
3809139.54        1.05394  (20120824)
        370745.93   3809162.89        1.12548m (22120324)               370722.45
3808952.54        0.66562  (23112524)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        370722.28   3808975.89        0.69576  (20120824)               370722.11
3808999.24        0.72624  (20120824)
        370721.95   3809022.60        0.75983  (20120824)               370721.78
3809045.95        0.79526  (20120824)
        370721.61   3809069.30        0.83383  (20120824)               370721.44
3809092.65        0.87584  (20120824)
        370721.27   3809116.00        0.92120  (20120824)               370721.10
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3809139.36 0.96932 (20120824)
370720.93 3809162.71 1.02309m (22120324) 370697.45
3808952.36 0.62640 (20120824)
370697.28 3808975.71 0.65309 (20120824) 370697.12
3808999.06 0.68022 (20120824)
370696.95 3809022.41 0.70944 (20120824) 370696.78
3809045.77 0.74076 (20120824)
370696.61 3809069.12 0.77464 (20120824) 370696.44
3809092.47 0.81156 (20120824)
370696.27 3809115.82 0.84837 (20120824) 370696.10
3809139.17 0.89292 (20120824)
370695.93 3809162.53 0.94361m (22120324) 370599.37
3808910.37 0.50527 (23021724)
370597.46 3808951.63 0.52819 (23021724) 370597.29
3808974.99 0.54441 (23021724)
370597.12 3808998.34 0.56122 (23021724) 370596.95
3809021.69 0.57832 (23021724)
370596.78 3809045.04 0.59506 (23021724) 370596.61
3809068.39 0.61122 (23021724)
370596.44 3809091.75 0.62712 (23021724) 370596.27
3809115.10 0.65646m (22120324)
370596.10 3809138.45 0.69196m (22120324) 370595.94
3809161.80 0.73011m (22120324)
370499.38 3808909.65 0.38116 (21101524) 370497.46
3808950.91 0.41675 (21101524)
370497.29 3808974.26 0.43578 (23021724) 370497.12
3808997.61 0.44389 (23021724)
370496.95 3809020.97 0.46029 (23021724) 370496.61
3809067.67 0.48566 (22012224)
370496.44 3809091.02 0.50508m (22120324) 370496.28
3809114.37 0.52663m (22120324)
370496.11 3809137.73 0.56211m (22120324) 370495.94
3809161.08 0.59359m (22120324)
370397.63 3808926.84 0.31910 (18030524) 370397.46
3808950.19 0.35208 (21101524)
370397.29 3808973.54 0.37987 (22012224) 370397.12
3808996.89 0.39438 (22012224)
370396.95 3809020.24 0.40529 (22012224) 370396.79
3809043.60 0.41519 (22012224)
370396.11 3809137.00 0.46333m (22120324) 370395.94
3809160.36 0.45845m (22120324)
370297.46 3808949.46 0.28692 (18030524) 370297.30
3808972.82 0.29110 (18030524)
370297.13 3808996.17 0.29698 (21012824) 370296.96
3809019.52 0.32873 (22011524)
370296.79 3809042.87 0.35888 (22011524) 370296.62
3809066.22 0.38167 (22011524)
370201.83 3808882.40 0.28442 (22011524) 370197.47
3808948.74 0.30296 (22011524)
370197.30 3808972.09 0.30645 (22011524) 370197.13

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3808995.44        0.33014  (22011524)
        370196.96   3809018.80        0.35036  (22011524)                370196.79
3809042.15        0.35545  (22011524)
        370196.62   3809065.50        0.34499  (22011524)                370196.45
3809088.85        0.37082  (22011524)
        370196.28   3809112.20        0.37741  (22011524)                370196.11
3809135.56        0.38122  (22011524)
        370195.95   3809158.91        0.38595  (22011524)                370770.93
3809206.23        1.48399m (22120324)
        370770.93   3809249.22        1.89023m (22120324)                370745.93
3809206.23        1.31069m (22120324)
        370745.93   3809249.22        1.62108m (22120324)                370720.93
3809206.23        1.18025m (22120324)
        370720.93   3809249.22        1.40570m (22120324)                370695.93
3809206.23        1.07737m (22120324)
        370695.93   3809249.22        1.24797m (22120324)                370595.93
3809184.74        0.77060m (22120324)
        370595.93   3809227.73        0.85544m (22120324)                370595.93
3809270.71        0.95363m (22120324)
        370495.93   3809184.74        0.62065m (22120324)                370495.93
3809227.73        0.66518m (22120324)
        370495.93   3809270.71        0.71087m (22120324)                370395.93
3809184.74        0.45487  (21012824)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        370521.90   3808852.62        0.37551  (23021724)                370554.20
3808840.16        0.37000  (18072124)
        370586.50   3808827.69        0.39234m (23013024)                370634.94
3808809.00        0.41693m (23013024)
        370667.24   3808796.53        0.44406m (23013024)                370241.73
3809218.57        0.43420  (22011524)
        370153.51   3809171.42        0.35177  (22011524)                370169.97
3809140.97        0.36633  (22011524)
        370219.34   3809049.60        0.34443  (22011524)                370260.49
3808973.46        0.29176  (21012824)
        370285.18   3808927.78        0.27594  (18030524)                370326.33
3808851.64        0.24740  (18072124)
        370358.94   3808814.95        0.26370  (18030524)                370423.53
3808790.03        0.28041  (18072124)
        370455.83   3808777.56        0.29612  (18072124)                370552.72
3808740.17        0.33643  (18072124)
        370633.46   3808709.01        0.37048m (23013024)                370665.76
3808696.54        0.38191m (23013024)
        370142.74   3809204.42        0.35861m (22120324)                370715.84
3809324.10        1.78556m (22120324)
        370732.34   3809341.87        2.07649m (22120324)                370748.84
3809359.64        2.44658m (22120324)
        370691.09   3809320.56        1.53130m (22120324)                370714.02
3809358.88        1.92038m (22120324)
        370730.52   3809376.65        2.24203m (22120324)                370672.77
3809337.57        1.48007m (22120324)
        370695.70   3809375.89        1.85087m (22120324)                370712.20
3809393.66        2.16364m (22120324)
        370654.45   3809354.59        1.45215m (22120324)                370641.59
3809313.49        1.22765m (22120324)
        370677.38   3809392.90        1.82446m (22120324)                370693.88
3809410.67        2.14795m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
370581.17	3809422.63	1.44035m (22120324)	370568.31	3809381.53	1.19881m (22120324)
370555.46	3809340.44	1.02699m (22120324)	370542.60	3809299.34	0.89399m (22120324)
370604.10	3809460.95	1.88551m (22120324)	370507.30	3809488.80	1.45421m (22120324)
370500.29	3809466.39	1.29460m (22120324)	370493.28	3809443.97	1.16972m (22120324)
370486.27	3809421.55	1.06813m (22120324)	370479.25	3809399.14	0.98295m (22120324)
370472.24	3809376.72	0.91026m (22120324)	370465.23	3809354.31	0.84720m (22120324)
370458.22	3809331.89	0.79169m (22120324)	370451.20	3809309.47	0.74207m (22120324)
370444.19	3809287.06	0.69573m (22120324)	370514.32	3809511.22	1.67134m (22120324)
370530.82	3809528.99	2.04084m (22120324)	370434.18	3809557.35	1.42940m (22120324)
370427.32	3809535.43	1.26578m (22120324)	370420.47	3809513.51	1.14210m (22120324)
370413.61	3809491.59	1.04219m (22120324)	370406.75	3809469.67	0.96136m (22120324)
370399.90	3809447.75	0.89215m (22120324)	370393.04	3809425.84	0.83213m (22120324)
370386.18	3809403.92	0.77930m (22120324)	370379.33	3809382.00	0.73163m (22120324)
370372.47	3809360.08	0.68037m (22120324)	370365.61	3809338.16	0.62837m (22120324)
370358.76	3809316.25	0.58624m (22120324)	370351.90	3809294.33	0.55522m (22120324)
370345.04	3809272.41	0.53057m (22120324)	370441.04	3809579.26	1.62561m (22120324)
370360.61	3809624.48	1.18374m (22120324)	370353.47	3809601.64	1.08862m (22120324)
370346.33	3809578.81	1.00584m (22120324)	370339.19	3809555.98	0.93262m (22120324)
370332.04	3809533.15	0.86978m (22120324)	370324.90	3809510.32	0.81406m (22120324)
370317.76	3809487.49	0.76430m (22120324)	370310.62		

3809464.66 0.71993m (22120324)
370303.47 3809441.82 0.67559m (22120324) 370296.33
3809418.99 0.62128m (22120324)
370289.19 3809396.16 0.58406 (21012824) 370282.05
3809373.33 0.55094 (21012824)
370274.90 3809350.50 0.53233m (22120324) 370267.76
3809327.67 0.52275m (22120324)
370260.62 3809304.83 0.49996m (22120324) 370253.48
3809282.00 0.47755m (22120324)
370246.33 3809259.17 0.45640m (22120324) 370367.76
3809647.31 1.29221m (22120324)
370384.26 3809665.08 1.49049m (22120324) 370400.76
3809682.85 1.77015m (22120324)
370287.46 3809692.93 0.92672m (22120324) 370280.45
3809670.52 0.88341m (22120324)
370273.44 3809648.10 0.84138m (22120324) 370266.42
3809625.69 0.80092m (22120324)
370259.41 3809603.27 0.76240m (22120324) 370252.40
3809580.85 0.72602m (22120324)
370245.39 3809558.44 0.69231m (22120324) 370238.37
3809536.02 0.65727m (22120324)
370231.36 3809513.60 0.61324m (22120324) 370224.35
3809491.19 0.57943m (22120324)
370217.34 3809468.77 0.56949m (22120324) 370210.32
3809446.35 0.54344m (22120324)
370203.31 3809423.94 0.50882m (22120324) 370196.30
3809401.52 0.49700m (22120324)
370189.29 3809379.11 0.48177m (22120324) 370182.27
3809356.69 0.46114m (22120324)
370175.26 3809334.27 0.44277m (22120324) 370168.25
3809311.86 0.42537m (22120324)
370161.23 3809289.44 0.40885m (22120324) 370154.22
3809267.02 0.39335m (22120324)
370147.21 3809244.61 0.37873m (22120324) 370294.48
3809715.35 0.97059m (22120324)
370310.98 3809733.12 1.05537m (22120324) 370327.48
3809750.89 1.15413m (22120324)
370741.32 3809400.65 2.70368m (22120324) 370266.37
3809393.82 0.58381 (21012824)
370166.66 3809372.92 0.45647m (22120324) 370571.99
3809171.50 0.70852m (22120324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370538.15   3809196.32   0.69621m (22120324)   370436.80
3809022.62   0.42573 (22012224)
        370864.14   3809066.86   1.19323m (22120324)   370901.29
3808974.02   0.92593 (20012724)
        370938.44   3808881.18   0.73788 (20012724)   370666.40
3809421.43   1.99583m (22120324)
        370646.86   3809432.94   1.94637m (22120324)   370627.31
3809444.45   1.90288m (22120324)
        370568.68   3809478.97   1.78412m (22120324)   370549.13
3809490.48   1.74433m (22120324)
        370490.50   3809525.00   1.60863m (22120324)   370653.72
3809399.89   1.70578m (22120324)
        370634.17   3809411.40   1.66199m (22120324)   370614.63
3809422.90   1.62403m (22120324)
        370575.54   3809445.92   1.55577m (22120324)   370555.99
3809457.42   1.52306m (22120324)
        370536.45   3809468.93   1.48972m (22120324)   370477.81
3809503.45   1.37835m (22120324)
        370676.77   3809361.76   1.62159m (22120324)   370641.03
3809378.35   1.49801m (22120324)
        370621.49   3809389.85   1.45870m (22120324)   370601.94
3809401.36   1.42449m (22120324)
        370543.31   3809435.88   1.33506m (22120324)   370523.76
3809447.39   1.30626m (22120324)
        370465.13   3809481.91   1.21088m (22120324)   370628.35
3809356.80   1.33554m (22120324)
        370608.81   3809368.31   1.30053m (22120324)   370550.17
3809402.83   1.21616m (22120324)
        370530.63   3809414.34   1.19062m (22120324)   370511.08
3809425.84   1.16467m (22120324)

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        370452.45   3809460.37        1.08171m (22120324)               370618.74
3809252.35        0.96809m (22120324)
        370558.07   3809282.14        0.89013m (22120324)               370518.98
3809305.15        0.83885m (22120324)
        370499.44   3809316.66        0.82500m (22120324)               370440.80
3809351.18        0.79367m (22120324)
        370421.26   3809362.68        0.77729m (22120324)               370401.71
3809374.19        0.76040m (22120324)
        370632.76   3809145.87        0.76434m (22120324)               370654.34
3809139.10        0.79178m (22120324)
        370546.43   3809172.95        0.67346m (22120324)               370370.52
3809276.51        0.55505m (22120324)
        370560.44   3809066.46        0.56432  (23021724)               370625.19
3809046.16        0.62991  (23021724)
        370646.78   3809039.39        0.65000  (23021724)               370456.60
3809109.79        0.49192m (22120324)
        370437.06   3809121.29        0.46355  (22012224)               370339.33
3809178.83        0.47082m (22120324)
        370319.79   3809190.34        0.46562m (22120324)               370574.46
3808959.98        0.51125  (23021724)
        370794.94   3808953.51        0.97931m (22120324)               370862.01
3808963.82        1.09411m (22120324)
        370347.23   3809058.13        0.40210  (22011524)               370249.51
3809115.67        0.37968  (21012824)
        370545.31   3808867.04        0.37682  (18072124)               370566.89
3808860.27        0.38781  (18072124)
        370631.64   3808839.96        0.46668  (23021724)               370675.58
3808836.63        0.50206  (22012824)
        370899.16   3808870.97        0.74744  (20012724)               370374.68
3808925.93        0.30646  (18030524)
        370355.13   3808937.44        0.32067  (18030524)               370471.09
3809541.06        1.56858m (22120324)
        370454.86   3809522.04        1.35417m (22120324)               370407.26
3809562.65        1.27063m (22120324)
        370391.04   3809543.64        1.11209m (22120324)               370390.67
3809511.08        1.01479m (22120324)
        370357.49   3809407.94        0.73124m (22120324)               370325.76
3809435.01        0.71024m (22120324)
        370322.63   3809308.23        0.56175m (22120324)               370292.58
3809331.87        0.54137m (22120324)
        370244.99   3809372.48        0.51594m (22120324)               370271.89
3809222.05        0.45033m (22120324)
        370221.16   3809135.88        0.37890  (22011524)               370115.17
3809220.34        0.34996m (22120324)
        370127.89   3809080.01        0.32731  (22011524)               370156.25
3809059.81        0.33842  (22011524)
        370097.85   3809103.66        0.33333  (22011524)               370066.12
3809130.73        0.31334  (22011524)
        370417.83   3809588.61        1.49407m (22120324)               370404.29
3809613.15        1.50239m (22120324)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370389.17	3809588.81	1.26036m	(22120324)	370374.05	3809564.46	1.09516m	(22120324)
370359.71	3809543.13	0.98104m	(22120324)	370272.16	3809494.82	0.68208m	(22120324)
370287.25	3809476.31	0.68882m	(22120324)	370257.84	3809516.34	0.67734m	(22120324)
370185.54	3809445.35	0.51900m	(22120324)	370219.51	3809403.71	0.54852	(21012824)
370170.28	3809468.03	0.51355m	(22120324)	370097.73	3809397.36	0.41087m	(22120324)
370114.20	3809377.17	0.41479m	(22120324)	370130.67	3809356.98	0.41847m	(22120324)
370147.14	3809336.79	0.42165m	(22120324)	370082.72	3809419.72	0.40845m	(22120324)
370010.65	3809348.46	0.33732m	(22120324)	370028.07	3809327.11	0.34024m	(22120324)
370045.49	3809305.76	0.34258m	(22120324)	370062.91	3809284.40	0.34060m	(22120324)
370080.33	3809263.05	0.34185	(18123124)	370097.75	3809241.69	0.34806m	(22120324)
369995.17	3809371.41	0.33546m	(22120324)	369922.87			

3809300.42 0.28083m (22120324)
369939.86 3809279.60 0.30369 (21012824) 369956.84
3809258.78 0.34751 (21012824)
369973.83 3809237.96 0.33992 (21012824) 369990.81
3809217.14 0.36081 (21012824)
370007.80 3809196.32 0.35839 (21012824) 370024.78
3809175.50 0.30815 (21012824)
370041.77 3809154.68 0.31007 (22011524) 369907.61
3809323.10 0.28031m (22120324)
370401.18 3809644.27 1.61473m (22120324) 370376.18
3809701.38 1.49022m (22120324)
370351.18 3809663.31 1.20589m (22120324) 370351.18
3809701.38 1.26708m (22120324)
370330.33 3809609.13 0.99641m (22120324) 370326.18
3809644.27 1.03493m (22120324)
370326.18 3809682.34 1.08648m (22120324) 370230.33
3809609.13 0.70205m (22120324)
370226.18 3809644.27 0.71763m (22120324) 370226.18
3809682.34 0.74113m (22120324)
370130.85 3809607.11 0.53848m (22120324) 370140.18
3809570.88 0.53365m (22120324)
370149.51 3809534.65 0.52804m (22120324) 370158.84
3809498.42 0.51849m (22120324)
370126.18 3809644.27 0.54892m (22120324) 370126.18
3809682.34 0.56520m (22120324)
370030.70 3809607.66 0.43343m (22120324) 370039.75
3809572.53 0.43075m (22120324)
370048.80 3809537.39 0.42649m (22120324) 370057.85
3809502.26 0.42072m (22120324)
370066.90 3809467.13 0.41487m (22120324) 370026.18
3809644.27 0.44023m (22120324)
370026.18 3809682.34 0.45264m (22120324) 369930.62
3809607.98 0.35747m (22120324)
369939.51 3809573.47 0.35485m (22120324) 369948.40
3809538.96 0.35202m (22120324)
369957.29 3809504.46 0.34874m (22120324) 369966.18
3809469.95 0.34504m (22120324)
369975.06 3809435.44 0.34180m (22120324) 369983.95
3809400.94 0.33791m (22120324)
369926.18 3809644.27 0.36350m (22120324) 369926.18
3809682.34 0.37310m (22120324)
369830.85 3809607.11 0.30193m (22120324) 369840.18
3809570.88 0.29987m (22120324)
369849.51 3809534.65 0.29788m (22120324) 369858.84
3809498.42 0.29556m (22120324)
369868.18 3809462.19 0.29278m (22120324) 369877.51
3809425.95 0.28969m (22120324)
369886.84 3809389.72 0.28643m (22120324) 369896.17
3809353.49 0.28259m (22120324)
369826.18 3809644.27 0.30631m (22120324) 369826.18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370326.12	3809404.20	0.66695m	(22120324)	370409.52	3809403.37	0.82615m	(22120324)
370434.36	3809408.55	0.89261m	(22120324)	370459.20	3809413.74	0.96770m	(22120324)
370084.65	3809450.52	0.42328m	(22120324)	370106.87	3809436.12	0.43625m	(22120324)
370129.09	3809421.72	0.44933m	(22120324)	370151.31	3809407.32	0.46195m	(22120324)
370217.96	3809364.11	0.49821m	(22120324)	370240.18	3809349.71	0.51074m	(22120324)
370380.90	3809302.92	0.62432m	(22120324)	370406.82	3809308.33	0.67283m	(22120324)

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        370523.46   3809332.69        0.92565m (22120324)               370588.26
3809346.22        1.14241m (22120324)
        370013.33   3809386.55        0.35028m (22120324)               370035.36
3809372.27        0.35872m (22120324)
        370057.38   3809358.00        0.36757m (22120324)               370079.41
3809343.72        0.37638m (22120324)
        370101.44   3809329.44        0.38551m (22120324)               370123.47
3809315.16        0.39435m (22120324)
        370222.59   3809250.91        0.43214m (22120324)               370374.94
3809207.21        0.47482m (22120324)
        370426.33   3809217.94        0.55961m (22120324)               370529.12
3809239.41        0.75116m (22120324)
        370567.66   3809247.45        0.83694m (22120324)               369930.96
3809329.74        0.29121m (22120324)
        369952.87   3809315.54        0.32082  (21012824)               369974.77
3809301.35        0.29937m (22120324)
        369996.67   3809287.15        0.30789m (22120324)               370018.57
3809272.95        0.34107  (21012824)
        370040.47   3809258.76        0.37884  (21012824)               370062.37
3809244.56        0.36878  (21012824)
        370305.12   3809098.16        0.40843  (22011524)               370330.67
3809103.50        0.41091  (22011524)
        370356.22   3809108.83        0.43010m (22120324)               370471.19
3809132.84        0.52633m (22120324)
        370522.29   3809143.51        0.60316m (22120324)               370547.84
3809148.85        0.64119m (22120324)
        370650.03   3809170.19        0.84820m (22120324)               370675.58
3809175.52        0.92234m (22120324)
        370319.16   3809706.25        1.07535m (22120324)               370303.85
3809664.90        0.96395m (22120324)
        370199.63   3809671.75        0.67922m (22120324)               370194.38
3809698.88        0.68261m (22120324)
        370099.80   3809665.85        0.52479m (22120324)               370094.55
3809692.98        0.52891m (22120324)
        370000.27   3809659.10        0.42246m (22120324)               369994.73
3809687.08        0.42636m (22120324)
        369900.38   3809653.38        0.34934m (22120324)               369909.64
3809626.54        0.34879m (22120324)
        369894.90   3809681.18        0.35244m (22120324)               369800.51
3809647.59        0.28853m (22120324)
        369809.69   3809620.99        0.29419m (22120324)               369795.08
3809675.28        0.29372m (22120324)
        370370.90   3809736.56        1.48759m (22120324)               370372.69
3809760.56        1.52796m (22120324)
        370374.49   3809784.57        1.55160m (22120324)               370376.29
3809808.58        1.54921m (22120324)
        370378.09   3809832.59        1.51624m (22120324)               370379.88
3809856.60        1.46749m (22120324)
        370381.68   3809880.61        1.42359m (22120324)               370383.48
3809904.62        1.39354m (22120324)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370306.89	3809886.21	1.05852m	(22120324)	370308.69	3809910.22	1.07243m	(22120324)
370194.59	3809725.61	0.69516m	(22120324)	370196.39			

3809749.62 0.70934m (22120324)
370198.18 3809773.63 0.72437m (22120324) 370199.98
3809797.64 0.73156m (22120324)
370201.78 3809821.65 1.07511m (20112124) 370203.58
3809845.66 1.22434m (20112124)
370205.37 3809869.66 1.14621m (20122124) 370207.17
3809893.67 0.83123m (20122124)
370208.97 3809917.68 0.82797m (22120324) 370094.87
3809733.08 0.54411m (22120324)
370096.66 3809757.09 0.55539m (22120324) 370098.46
3809781.10 0.56725m (22120324)
370100.26 3809805.10 0.58001m (22120324) 370102.06
3809829.11 0.59371m (22120324)
370103.85 3809853.12 0.61330m (22120324) 370105.65
3809877.13 0.62617m (22120324)
370107.45 3809901.14 0.64638m (22120324) 370109.25
3809925.15 0.67753m (22120324)
369995.01 3809722.72 0.43760m (22120324) 369996.94
3809764.55 0.45350m (22120324)
369998.74 3809788.56 0.46440m (22120324) 370000.54
3809812.57 0.47647m (22120324)
370002.34 3809836.58 0.49012m (22120324) 370004.13
3809860.59 0.50576m (22120324)
370005.93 3809884.60 0.52433m (22120324) 370007.73
3809908.61 0.54656m (22120324)
370009.53 3809932.61 0.57387m (22120324) 369895.25
3809725.73 0.36381m (22120324)
369897.22 3809772.02 0.37924m (22120324) 369899.02
3809796.03 0.38780m (22120324)
369900.82 3809820.04 0.39794m (22120324) 369902.62
3809844.04 0.40992m (22120324)
369904.41 3809868.05 0.42412m (22120324) 369906.21
3809892.06 0.44158m (22120324)
369908.01 3809916.07 0.46366m (22120324) 369909.81
3809940.08 0.49263m (22120324)
369795.55 3809735.43 0.30717m (22120324) 369797.50
3809779.48 0.31230m (22120324)
369799.30 3809803.49 0.31893m (22120324) 369801.10
3809827.50 0.32426m (22120324)
369802.89 3809851.51 0.36023m (20112424) 369804.69
3809875.52 0.38031m (20112424)
369806.49 3809899.53 0.35065m (22120324) 369808.29
3809923.54 0.37555m (22120324)
369810.08 3809947.55 0.38797m (22120324) 370404.61
3809927.46 1.48740m (22120324)
370386.26 3809944.44 1.38666m (22120324) 370422.82
3809955.55 1.57767m (22120324)
370382.47 3809969.15 1.40467m (22120324) 370346.78
3809938.57 1.22109m (22120324)
370419.02 3809980.26 1.59427m (22120324) 370373.82

3809991.28   1.45270m (22120324)
        370326.23   3809950.51   1.16554m (22120324)   370415.22
3810004.97   1.71249m (22120324)
        370252.83   3810018.42   1.21375m (22120324)   370235.28
3809978.13   0.99072m (22120324)
        370400.04   3810103.81   1.89467m (22120324)   370343.45
3810188.96   0.92980m (22120324)
        370304.63   3810168.34   1.07396m (22120324)   370265.82
3810147.72   1.19708m (23122624)
        370161.88   3810046.04   1.12315m (22120324)   370144.34
3810005.74   0.88383m (22120324)
        370126.79   3809965.44   0.75844m (22120324)   370384.85
3810202.65   0.88604m (22120324)
        370328.26   3810287.80   0.63037m (22120324)   370289.45
3810267.18   0.66176m (22120324)
        370250.64   3810246.56   0.70237m (22120324)   370211.82
3810225.94   0.76378m (22120324)
        370173.01   3810205.32   0.87388m (22120324)   370062.16
3810053.50   0.93454m (22120324)
        370044.62   3810013.21   0.76019m (22120324)   370027.07
3809972.91   0.65061m (22120324)
        370369.67   3810301.49   0.61838m (22120324)   370313.08
3810386.64   0.50246 (23122024)
        370274.26   3810366.02   0.51298 (23122024)   370235.45
3810345.40   0.51874 (23122024)
        370196.64   3810324.78   0.52437m (22120324)   370157.83
3810304.16   0.54892m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370119.01	3810283.54	0.58260m	(22120324)	370080.20	3810262.92	0.62678m	(22120324)
370032.62	3810222.15	0.78896m	(22120324)	370015.07	3810181.86	1.26820m	(22120324)
369971.21	3810081.12	1.32470m	(22120324)	369953.67	3810040.82	0.86766m	(22120324)
369936.12	3810000.52	0.64967m	(22120324)	370354.48	3810400.33	0.48807	(23122024)
370297.89	3810485.48	0.42263	(23122024)	370259.08	3810464.86	0.44251	(23122024)
370220.27	3810444.24	0.44973	(23122024)	370181.45	3810423.62	0.45071	(23122024)
370142.64	3810403.00	0.44522	(23122024)	370103.83	3810382.38	0.43438	(23122024)
370065.02	3810361.76	0.42649	(23122024)	370026.20	3810341.14	0.43438m	(22120324)
369987.39	3810320.52	0.44233m	(22120324)	369959.21	3810290.06	0.46979m	(22120324)
369941.67	3810249.77	0.54006m	(22120324)	369924.12	3810209.47	0.64271m	(22120324)
369906.58	3810169.18	0.82599m	(22120324)	369845.17	3810028.14	0.61144m	(22120324)
369827.63	3809987.84	0.45423m	(22120324)	370339.30	3810499.17	0.39889	(23122024)
370405.81	3809901.66	1.54315m	(22120324)	370233.63	3809870.41	1.00644m	(20122124)
370135.23	3809852.55	0.65007m	(22120324)	370036.84	3809834.69	0.52261m	(22120324)
369938.45	3809816.83	0.42546m	(22120324)	369840.06	3809798.97	0.34829m	(22120324)
370358.30	3809959.89	1.29307m	(22120324)	370232.02	3809954.66	0.92599m	(22120324)
370231.13	3809921.84	0.87729m	(22120324)	370133.76	3809941.48	0.73147m	(22120324)
370132.81	3809906.33	0.68233m	(22120324)	370035.93	3809944.46	0.61459m	(22120324)
370034.94	3809908.00	0.57238m	(22120324)	370033.96	3809871.54	0.54213m	(22120324)
369938.77	3809972.17	0.57500m	(22120324)	369937.85	3809937.99	0.51616m	(22120324)
369936.92	3809903.81	0.47798m	(22120324)	369935.99	3809869.63	0.45145m	(22120324)
369840.48	3809958.22	0.43268m	(22120324)	369839.53	3809923.06	0.40446m	(22120324)

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        369838.58   3809887.90        0.38316m (22120324)                369837.63
3809852.74        0.36613m (22120324)
        370451.81   3809966.65        1.74896m (22120324)                370452.90
3809991.62        1.80615m (22120324)
        370434.53   3810017.45        1.94890m (22120324)                370403.31
3810032.38        2.10261m (22120324)
        370343.23   3809979.84        1.29769m (22120324)                370421.52
3810136.59        1.32062m (22120324)
        370384.60   3810125.10        1.46293m (22120324)                370347.67
3810113.62        1.70765m (22120324)
        370459.45   3810141.48        1.28780m (22120324)                370426.73
3810236.75        0.79231m (22120324)
        370391.48   3810225.79        0.81028m (22120324)                370356.23
3810214.83        0.83083m (22120324)
        370320.98   3810203.86        0.86291m (22120324)                370285.74
3810192.90        0.93046m (22120324)
        370240.39   3810166.49        1.09209m (22120324)                370463.81
3810241.38        0.79351m (22120324)
        370430.25   3810336.40        0.57590m (22120324)                370393.33
3810324.91        0.58403m (22120324)
        370301.01   3810296.20        0.60432m (22120324)                370264.08
3810284.71        0.61601m (22120324)
        370227.16   3810273.23        0.63164m (22120324)                370179.65
3810245.56        0.69650m (22120324)
        370147.92   3810197.00        0.95841m (22120324)                370468.18
3810341.29        0.57869m (22120324)
        370435.13   3810436.46        0.45028m (22120324)                370399.23
3810425.29        0.45376  (23122024)
        370255.62   3810380.63        0.49606  (23122024)                370219.72
3810369.47        0.49355  (23122024)
        370183.82   3810358.30        0.48626  (23122024)                370147.92
3810347.13        0.47581  (23122024)
        370119.69   3810325.81        0.49848m (22120324)                370099.12
3810294.34        0.55088m (22120324)
        370057.98   3810231.40        0.74918m (22120324)                370037.41
3810199.93        1.01887m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370472.54   3810441.19        0.45247m (22120324)               370438.98
3810536.21        0.36354m (22120324)
        370402.05   3810524.72        0.36694  (21020824)               370365.13
3810513.24        0.37924  (23122024)
        370272.81   3810484.52        0.42618  (23122024)               370235.88
3810473.04        0.43567  (23122024)
        370198.96   3810461.55        0.43668  (23122024)               370162.03
3810450.07        0.43215  (23122024)
        370125.10   3810438.58        0.42491  (23122024)               370088.18
3810427.10        0.41465  (23122024)
        370059.14   3810405.17        0.40831  (23122024)               370037.98
3810372.80        0.40741  (23122024)
        369985.09   3810291.87        0.48935m (22120324)               369963.93
3810259.50        0.54121m (22120324)
        369942.77   3810227.13        0.61431m (22120324)               369889.88
3810146.20        0.95047m (22120324)
        370476.90   3810541.10        0.36524m (22120324)               370474.63
3809964.91        1.90791m (22120324)
        370476.55   3809989.83        1.93404m (22120324)               370478.46
3810014.76        2.13705m (22120324)
        370488.04   3810139.39        1.32292m (22120324)               370495.70
3810239.10        0.81167m (22120324)
        370503.36   3810338.80        0.59157m (22120324)               370511.02
3810438.51        0.46091m (22120324)
        370518.68   3810538.22        0.37220m (22120324)               370509.42
3809980.35        2.16661m (22120324)
        370549.44   3809984.71        2.74055m (22120324)               370573.98
3809984.15        3.22453m (22120324)
        370508.28   3810153.66        1.21567m (22120324)               370553.46
3810159.66        1.19274m (22120324)
        370577.99   3810159.10        1.20259m (22120324)               370602.53
3810158.54        1.20389m (22120324)
        370531.22   3810260.20        0.76382m (22120324)               370555.75
3810259.64        0.77158m (22120324)
        370580.29   3810259.07        0.77840m (22120324)               370604.83
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3810258.51        0.78298m (22120324)
        370533.51   3810360.17        0.56364m (22120324)                370558.05
3810359.61        0.56819m (22120324)
        370582.58   3810359.05        0.57295m (22120324)                370607.12
3810358.48        0.57666m (22120324)
        370381.01   3810410.92        0.47104  (23122024)                370535.81
3810460.15        0.44264m (22120324)
        370560.34   3810459.58        0.44613m (22120324)                370584.88
3810459.02        0.44928m (22120324)
        370609.42   3810458.46        0.45201m (22120324)                370538.10
3810560.12        0.35815m (22120324)
        370562.64   3810559.56        0.36067m (22120324)                370587.18
3810559.00        0.36297m (22120324)
        370611.71   3810558.43        0.36497m (22120324)                370636.30
3810158.59        1.19080m (22120324)
        370636.30   3810258.59        0.78440m (22120324)                370636.30
3810358.59        0.57898m (22120324)
        370636.30   3810458.59        0.45379m (22120324)                370636.30
3810558.59        0.36607m (22120324)
        370628.50   3809965.20        3.18855m (22120324)                370604.05
3809959.96        3.11720m (22120324)
        370264.36   3809874.76        1.04730m (20122124)                370166.58
3809853.80        1.01864m (20112124)
        370068.81   3809832.84        0.55594m (22120324)                370574.99
3809959.21        2.92588m (22120324)
        370534.87   3809384.19        1.09830m (22120324)                370447.55
3809499.67        1.20840m (22120324)
        370501.33   3809947.91        2.25755m (22120324)                370438.06
3809603.68        1.74470m (22120324)
        370401.99   3809827.97        1.87469m (22120324)                370298.85
3809939.14        1.06737m (22120324)
        370243.90   3809844.43        1.35762m (20112124)                370260.00
3809822.67        1.45517m (20112124)
        370276.09   3809800.90        1.11001m (20112124)                370135.93
3809827.51        0.64255m (22120324)
        370152.79   3809804.71        0.65631m (22120324)                370169.65
3809781.91        0.67404m (22120324)
        370220.24   3809713.50        0.74398m (22120324)                370249.97
3809684.76        0.80220m (22120324)
        370035.10   3809800.93        0.50431m (22120324)                370052.46
3809777.46        0.51241m (22120324)
        370069.82   3809753.99        0.52228m (22120324)                370156.61
3809636.62        0.58798m (22120324)
        370187.22   3809607.03        0.62068m (22120324)                369942.21
3809763.62        0.40810m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369959.07	3809740.82	0.41367m	(22120324)	370043.38	3809626.81	0.45031m	(22120324)
370060.24	3809604.01	0.45847m	(22120324)	370077.11	3809581.21	0.46696m	(22120324)
370093.97	3809558.40	0.47546m	(22120324)	370123.70	3809529.66	0.49277m	(22120324)
369928.28	3809788.56	0.40622m	(22120324)	370369.81	3810015.22	1.62196m	(22120324)
370345.98	3810017.62	1.54977m	(22120324)	370322.15	3810020.02	1.47911m	(22120324)
370319.65	3809995.14	1.28861m	(22120324)	370359.94	3809438.31	0.78173m	(22120324)
370298.00	3810008.00	1.29406m	(22120324)	370395.85	3809750.99	1.86327m	(22120324)
370467.00	3809564.08	1.65639m	(22120324)	370292.88	3809981.50	1.14661m	(22120324)
370272.34	3809954.88	1.02108m	(22120324)	370274.23	3809929.95	0.98898m	(22120324)
370281.77	3809830.23	1.47616m	(20112124)	370266.89	3809728.82	0.87857m	(22120324)
370296.84	3809630.80	0.89933m	(22120324)	370229.12	3810008.08	1.08674m	(22120324)
370213.97	3809988.20	0.97122m	(22120324)	370198.81	3809968.31	0.88499m	(22120324)
370200.70	3809943.39	0.84145m	(22120324)	370165.89	3809961.97	0.84379m	(20122124)

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        370123.78   3809771.19        0.59691m (22120324)               370164.67
3809759.09        0.65460m (22120324)
        370226.00   3809740.93        0.77042m (22120324)               370043.78
3809697.39        0.47454m (22120324)
        370148.62   3809666.35        0.59013m (22120324)               369962.53
3809623.96        0.38333m (22120324)
        370005.12   3809611.35        0.41266m (22120324)               370111.60
3809579.83        0.50329m (22120324)
        370175.49   3809560.92        0.57725m (22120324)               370218.08
3809548.31        0.62148m (22120324)
        369901.07   3809544.67        0.32589m (22120324)               369982.85
3809520.46        0.36971m (22120324)
        370023.73   3809508.36        0.39504m (22120324)               370085.07
3809490.20        0.43969m (22120324)
        370125.95   3809478.10        0.47170m (22120324)               369862.86
3809564.26        0.30984m (22120324)
        370199.04   3810010.39        1.03729m (20122124)               370180.04
3809987.73        0.89640m (22120324)
        370173.34   3809938.18        0.94096m (20122124)               370283.74
3809745.91        0.94608m (22120324)
        370146.56   3809739.98        0.61782m (22120324)               370179.61
3809638.10        0.62503m (22120324)
        370152.83   3809439.90        0.48100m (22120324)               370334.32
3809457.31        0.75718m (22120324)
        370379.69   3809461.66        0.86887m (22120324)               370435.76
3809480.59        1.08863m (22120324)
        370170.12   3810018.60        1.00483m (20122124)               370121.67
3809994.77        0.81391m (22120324)
        370105.06   3809976.08        0.74650m (22120324)               370071.53
3809879.69        0.59072m (22120324)
        369972.17   3809826.61        0.45798m (22120324)               369938.64
3809730.22        0.39497m (22120324)
        369974.01   3809713.97        0.41731m (22120324)               370062.44
3809673.37        0.48537m (22120324)
        369872.20   3809655.48        0.33316m (22120324)               369978.31
3809606.75        0.39008m (22120324)
        369805.76   3809580.75        0.28553m (22120324)               369929.55
3809523.90        0.33713m (22120324)
        370000.29   3809491.41        0.37291m (22120324)               370035.66
3809475.17        0.39277m (22120324)
        369772.85   3809602.41        0.33992  (23121424)               370271.87
3809767.40        0.91330m (22120324)
        370314.34   3809567.93        0.87171m (22120324)               370091.74
3810006.93        0.80211m (22120324)
        370100.58   3809953.84        0.70156m (22120324)               370075.81
3809933.64        0.64493m (22120324)
        370052.79   3809733.98        0.49638m (22120324)               370068.97
3809639.87        0.48016m (22120324)
        370010.31   3809538.54        0.39481m (22120324)               370008.27
3809442.68        0.36351m (22120324)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370065.94	3809965.21	0.67817m	(22120324)	370020.77	3810016.63	0.75280m	(22120324)
370007.20	3809987.47	0.66428m	(22120324)	369989.43	3810023.85	0.76601m	(22120324)
369962.35	3809887.92	0.48716m	(22120324)	369899.57	3809979.96	0.55392m	(22120324)
369863.66	3809854.96	0.38547m	(22120324)	369963.93	3809770.85	0.42778m	(22120324)
370015.98	3809746.37	0.46421m	(22120324)	369750.14	3809840.34	0.38753m	(20112124)
369775.14	3809809.42	0.43653m	(20112124)	369825.15	3809747.57	0.32694m	(22120324)
369868.15	3809708.19	0.34268m	(22120324)	369958.11	3809665.88	0.39133m	(22120324)
369728.75	3809873.99	0.29958m	(22120324)	369659.50	3809797.42	0.25071m	(22120324)
369682.94	3809768.43	0.25752m	(22120324)	369706.38			

3809739.44 0.26396m (22120324)
369729.83 3809710.45 0.61544m (20112124) 369753.27
3809681.46 0.55067m (20112124)
369776.71 3809652.47 0.54354 (23121424) 369855.90
3809606.24 0.31425m (22120324)
369889.64 3809590.37 0.32904m (22120324) 369973.98
3809550.70 0.37177m (22120324)
369638.90 3809830.10 0.24295m (22120324) 369569.98
3809753.11 0.21113m (22120324)
369594.09 3809723.30 0.21907m (22120324) 369618.20
3809693.48 0.22591m (22120324)
369642.32 3809663.66 0.22987m (22120324) 369666.43
3809633.84 0.23560m (22120324)
369690.54 3809604.02 0.23994m (22120324) 369714.65
3809574.21 0.44398 (23121424)
369744.05 3809551.14 0.48421 (23121424) 369778.75
3809534.82 0.26392m (22120324)
369813.45 3809518.49 0.27673m (22120324) 369882.85
3809485.85 0.30441m (22120324)
369917.55 3809469.53 0.31834m (22120324) 369549.04
3809786.21 0.20671m (22120324)
370070.79 3810030.88 0.84756m (22120324) 370176.42
3809804.29 0.69521m (22120324)
370010.76 3810053.84 0.92126m (22120324) 369982.90
3809984.21 0.63878m (22120324)
369976.57 3809793.17 0.44679m (22120324) 370078.65
3809796.01 0.54941m (22120324)
370129.69 3809797.42 0.61627m (22120324) 369941.31
3809700.38 0.38847m (22120324)
370011.88 3809702.34 0.44624m (22120324) 370117.75
3809705.28 0.56303m (22120324)
370153.04 3809706.26 0.61437m (22120324) 370085.81
3809612.58 0.48800m (22120324)
369884.65 3809515.18 0.31136m (22120324) 370078.74
3809520.57 0.44533m (22120324)
370184.60 3809523.52 0.56807 (23121424) 369995.05
3810077.05 1.15031m (22120324)
369949.35 3810063.04 1.11319m (22120324) 369924.35
3810063.04 1.20906m (22120324)
369960.07 3810002.60 0.67316m (22120324) 369824.96
3810061.03 0.63900m (22120324)
369849.52 3809980.95 0.48171m (22120324) 369867.48
3809954.42 0.46768m (22120324)
369820.05 3810095.66 0.64236m (22120324) 369725.21
3810060.23 0.33820m (22120324)
369735.52 3810026.60 0.34535m (22120324) 369745.84
3809992.96 0.34854m (22120324)
369756.15 3809959.33 0.34040m (22120324) 369766.46
3809925.69 0.33040m (22120324)
369867.51 3809831.63 0.37867m (22120324) 369720.05

3810095.66   0.33197m (22120324)
        369625.34   3810059.80   0.25290m (22120324)   369635.92
3810025.30   0.25858m (22120324)
        369646.50   3809990.81   0.26339m (22120324)   369657.08
3809956.31   0.26639m (22120324)
        369667.65   3809921.81   0.26818m (22120324)   369678.23
3809887.31   0.26942m (22120324)
        369702.86   3809841.50   0.27855m (22120324)   369730.96
3809818.86   0.28899m (22120324)
        369773.11   3809784.90   0.44478m (20112124)   369843.36
3809728.31   0.33304m (22120324)
        369620.05   3810095.66   0.24891m (22120324)   369525.42
3810059.53   0.20593m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369536.17   3810024.50   0.21059m (22120324)   369546.91
3809989.46   0.21475m (22120324)
        369557.65   3809954.42   0.21823m (22120324)   369568.40
3809919.39   0.22100m (22120324)
        369579.14   3809884.35   0.22312m (22120324)   369589.89
3809849.31   0.22475m (22120324)
        369600.63   3809814.28   0.22610m (22120324)   369620.27
3809785.26   0.23164m (22120324)

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        369648.81   3809762.27        0.24286m (22120324)               369677.35
3809739.28        0.25215m (22120324)
        369705.89   3809716.29        0.25837m (22120324)               369520.05
3810095.66        0.20212m (22120324)
        369425.48   3810059.35        0.17401m (22120324)               369436.34
3810023.94        0.17815m (22120324)
        369447.19   3809988.54        0.18155m (22120324)               369458.05
3809953.13        0.18463m (22120324)
        369468.91   3809917.73        0.18737m (22120324)               369479.76
3809882.32        0.18975m (22120324)
        369490.62   3809846.91        0.19186m (22120324)               369501.48
3809811.51        0.19371m (22120324)
        369512.34   3809776.10        0.19503m (22120324)               369537.61
3809729.08        0.19974m (22120324)
        369566.45   3809705.85        0.20818m (22120324)               369595.29
3809682.62        0.21730m (22120324)
        369420.05   3810095.66        0.17174m (22120324)               369901.74
3810040.28        0.88290m (22120324)
        369880.48   3810031.82        0.76163m (22120324)               369932.24
3810025.51        0.76475m (22120324)
        369910.99   3810017.05        0.70373m (22120324)               369889.73
3810008.59        0.63385m (22120324)
        369868.47   3810000.13        0.56502m (22120324)               370114.35
3809506.03        0.47205m (22120324)
        369860.70   3809758.27        0.35114m (22120324)               369776.13
3809755.26        0.35002  (23121424)
        369843.71   3809660.20        0.31909m (22120324)               369773.90
3809557.07        0.26565m (22120324)
        369913.08   3809570.38        0.33814m (22120324)               369965.27
3809575.37        0.37232m (22120324)
        370000.06   3809578.70        0.39959m (22120324)               369755.38
3809458.85        0.24328m (22120324)
        369790.55   3809462.21        0.25807m (22120324)               369825.71
3809465.58        0.27447m (22120324)
        369720.04   3809460.55        0.25501  (23121424)               369809.69
3810039.14        0.50763m (22120324)
        369799.53   3810060.29        0.50064m (22120324)               369787.15
3810028.32        0.43209m (22120324)
        369776.99   3810049.47        0.42491m (22120324)               369775.56
3810004.00        0.39257m (22120324)
        369802.35   3809983.40        0.41477m (22120324)               369754.46
3810038.64        0.37624m (22120324)
        369695.72   3809909.41        0.28328m (22120324)               369752.57
3809872.46        0.30895m (22120324)
        369773.70   3809862.98        0.60772m (20112124)               369605.58
3809866.11        0.23226m (22120324)
        369620.17   3809848.12        0.23663m (22120324)               369691.61
3809793.19        0.26532m (22120324)
        369712.74   3809783.70        0.27458m (22120324)               369733.87
3809774.22        0.27996m (22120324)
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3809978.45        0.16114m (22120324)
        369367.69   3809937.17        0.16174m (22120324)                369369.53
3809895.89        0.16194m (22120324)
        369361.54   3810267.07        0.15110m (22120324)                369261.25
3810260.50        0.13338m (22120324)
        369263.15   3810217.72        0.13588m (22120324)                369265.05
3810174.94        0.13815m (22120324)
        369266.96   3810132.16        0.13988m (22120324)                369268.86
3810089.38        0.14135m (22120324)
        369270.76   3810046.60        0.14139m (22120324)                369272.66
3810003.82        0.14183m (22120324)
        369274.57   3809961.04        0.14266m (22120324)                369276.47
3809918.26        0.14317m (22120324)
        369278.37   3809875.48        0.14370m (22120324)                369267.92
3810302.19        0.13257m (22120324)
        369835.81   3810124.85        0.68586m (22120324)                369855.27
3810137.12        0.76508m (22120324)
        369792.94   3810121.36        0.47362m (22120324)                369822.47
3810145.99        0.54271m (22120324)
        369841.93   3810158.26        0.58580m (22120324)                369779.61
3810142.51        0.41979m (22120324)
        369809.14   3810167.14        0.46159m (22120324)                369828.60
3810179.41        0.48851m (22120324)
        369762.91   3810159.53        0.37582m (22120324)                369795.80
3810188.29        0.40714m (22120324)
        369815.26   3810200.56        0.42659m (22120324)                369709.58
3810244.12        0.27939m (22120324)
        369682.72   3810211.15        0.27068m (22120324)                369742.47
3810272.88        0.29102m (22120324)
        369761.93   3810285.15        0.29887m (22120324)                369656.24
3810328.71        0.22704m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                   PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
369629.38	3810295.74	0.22319m (22120324)	369602.52	3810262.76	0.21811m (22120324)
369575.66	3810229.79	0.21207m (22120324)	369689.13	3810357.47	0.23343m (22120324)
369708.59	3810369.74	0.23807m (22120324)	369602.91	3810413.30	0.19265m (22120324)
369576.05	3810380.32	0.19011m (22120324)	369549.19	3810347.35	0.18717m (22120324)
369522.32	3810314.38	0.18380m (22120324)	369495.46	3810281.40	0.17985m (22120324)
369635.80	3810442.06	0.19641m (22120324)	369655.26	3810454.33	0.19969m (22120324)
369548.61	3810496.71	0.21489 (18013024)	369534.22	3810479.05	0.18446 (23042924)
369519.83	3810461.38	0.17520 (23042924)	369505.44	3810443.72	0.16562m (22120324)
369491.05	3810426.05	0.16455m (22120324)	369476.66	3810408.39	0.16311m (22120324)
369462.27	3810390.72	0.16149m (22120324)	369447.88	3810373.06	0.16031m (22120324)
369433.49	3810355.39	0.15887m (22120324)	369419.10	3810337.73	0.15740m (22120324)
369404.71	3810320.06	0.15616m (22120324)	369390.32	3810302.40	0.15445m (22120324)
369375.93	3810284.73	0.15239m (22120324)	369563.00	3810514.38	0.38027 (18012424)
369582.46	3810526.65	0.36852 (18012424)	369601.92	3810538.92	0.35468 (18012424)
369495.45	3810581.51	0.58477 (18120824)	369481.23	3810564.05	0.59395m (23110224)
369467.01	3810546.59	0.60079m (23110224)	369438.56	3810511.68	0.60017 (21112724)
369424.34	3810494.22	0.57695 (21112724)	369410.12	3810476.77	0.50536c (22122624)
369395.90	3810459.31	0.40098c (22122624)	369381.68	3810441.85	0.18773m (20122124)
369353.24	3810406.94	0.14010m (22120324)	369339.02	3810389.48	0.13905m (22120324)
369324.80	3810372.02	0.13786m (22120324)	369310.58	3810354.57	0.13667m (22120324)

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        369296.36   3810337.11        0.13542m (22120324)               369509.67
3810598.96        0.58592  (18120824)
        369529.13   3810611.23        0.57174  (18120824)               369548.59
3810623.50        0.56258  (18012424)
        369674.57   3810067.46        0.28685m (22120324)               369577.56
3810043.21        0.22793m (22120324)
        369480.54   3810018.96        0.19127m (22120324)               369383.53
3809994.70        0.16505m (22120324)
        369865.16   3810163.19        0.66975m (22120324)               369851.58
3810184.17        0.54094m (22120324)
        369837.99   3810205.16        0.46201m (22120324)               369824.40
3810226.14        0.40866m (22120324)
        369676.32   3810175.79        0.27524m (22120324)               369674.33
3810145.32        0.28078m (22120324)
        369672.33   3810114.85        0.28310m (22120324)               369770.06
3810310.09        0.29197m (22120324)
        369582.02   3810193.09        0.21929m (22120324)               369579.85
3810159.85        0.22183m (22120324)
        369577.68   3810126.61        0.22412m (22120324)               369575.50
3810093.37        0.22560m (22120324)
        369715.71   3810394.03        0.23387m (22120324)               369490.13
3810247.13        0.18151m (22120324)
        369488.01   3810214.63        0.18377m (22120324)               369485.88
3810182.13        0.18567m (22120324)
        369483.75   3810149.63        0.18726m (22120324)               369481.63
3810117.13        0.18836m (22120324)
        369479.50   3810084.63        0.18889m (22120324)               369477.38
3810052.13        0.18987m (22120324)
        369661.36   3810477.97        0.19693c (22101324)               369395.91
3810265.54        0.15708m (22120324)
        369393.69   3810231.68        0.15858m (22120324)               369391.48
3810197.83        0.16006m (22120324)
        369389.26   3810163.97        0.16122m (22120324)               369387.05
3810130.11        0.16223m (22120324)
        369384.84   3810096.26        0.16299m (22120324)               369381.51
3810045.48        0.16348m (22120324)
        369607.02   3810561.91        0.26179  (18013024)               369302.94
3810303.14        0.13799m (22120324)
        369300.77   3810269.90        0.13947m (22120324)               369298.59
3810236.67        0.14099m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
369296.42	3810203.43	0.14247m (22120324)	369294.24	3810170.19	0.14347m (22120324)
369292.07	3810136.95	0.14390m (22120324)	369289.90	3810103.71	0.14395m (22120324)
369287.72	3810070.47	0.14402m (22120324)	369552.67	3810645.86	0.56475 (18012424)
369879.10	3810188.17	0.60979m (22120324)	369887.52	3810212.35	0.54810m (22120324)
369862.76	3810208.76	0.50460m (22120324)	369893.20	3810236.14	0.49938m (22120324)
369865.68	3810232.14	0.46306m (22120324)	369921.41	3810332.08	0.38067m (22120324)
369893.89	3810328.08	0.36496m (22120324)	369866.37	3810324.08	0.34840m (22120324)
369838.85	3810320.08	0.33205m (22120324)	369811.34	3810316.08	0.31588m (22120324)
369949.56	3810329.85	0.40338m (22120324)	369948.81	3810427.90	0.35230 (23122024)
369919.68	3810423.66	0.33982 (23122024)	369890.54	3810419.43	0.32524 (23122024)
369861.40	3810415.20	0.30896 (23122024)	369832.26	3810410.96	0.29156 (23122024)
369803.12	3810406.73	0.27308 (23122024)	369773.99	3810402.50	0.25442m (22120324)
369744.85	3810398.26	0.24401m (22120324)	369977.77	3810425.78	0.36579 (23122024)
369977.24	3810523.87	0.34276 (23122024)	369948.52	3810519.69	0.33636 (23122024)
369919.81	3810515.52	0.32775 (23122024)	369891.09	3810511.35	0.31705 (23122024)
369862.37	3810507.18	0.30499 (23122024)	369833.66		

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3810503.01        0.29195  (23122024)
        369804.94   3810498.83        0.27788  (23122024)                369776.23
3810494.66        0.26247  (23122024)
        369747.51   3810490.49        0.24630  (23122024)                369718.79
3810486.32        0.23001  (23122024)
        369690.08   3810482.14        0.21312  (23122024)                370005.98
3810521.72        0.35554  (23122024)
        370005.06   3810619.75        0.32344  (23122024)                369975.58
3810615.46        0.31677  (23122024)
        369946.09   3810611.18        0.31171  (23122024)                369916.61
3810606.90        0.30734  (23122024)
        369887.12   3810602.61        0.29922  (23122024)                369857.64
3810598.33        0.28991  (23122024)
        369828.15   3810594.04        0.28037  (23122024)                369798.67
3810589.76        0.27011  (23122024)
        369769.18   3810585.48        0.25671  (23122024)                369739.70
3810581.19        0.24418  (23122024)
        369710.21   3810576.91        0.23142  (23122024)                369680.73
3810572.62        0.22032  (23122024)
        369651.24   3810568.34        0.21305  (23122024)                370034.19
3810617.66        0.33009  (23122024)
        370033.45   3810715.71        0.29683  (23122024)                370004.31
3810711.48        0.29617  (23122024)
        369975.17   3810707.24        0.29388  (23122024)                369946.03
3810703.01        0.29156  (23122024)
        369916.90   3810698.78        0.28893  (23122024)                369887.76
3810694.54        0.28496  (23122024)
        369858.62   3810690.31        0.29576  (23122024)                369829.48
3810686.08        0.30099  (23122024)
        369800.34   3810681.84        0.26569  (23122024)                369771.20
3810677.61        0.25411  (23122024)
        369742.07   3810673.38        0.25829  (23122024)                369712.93
3810669.14        0.40258  (18111024)
        369683.79   3810664.91        0.45647  (18111024)                369654.65
3810660.68        0.32312  (18020824)
        369625.51   3810656.44        0.23259  (18013024)                369596.38
3810652.21        0.33979  (18020824)
        370062.40   3810713.60        0.29882  (23122024)                369930.01
3810171.21        0.92520m (22120324)
        369915.70   3810246.99        0.50950m (22120324)                369793.01
3810520.75        0.27051  (23122024)
        369735.76   3810604.68        0.24552  (23122024)                369678.51
3810688.60        0.55191c (18121524)
        369711.22   3810703.26        0.48752  (18111024)                369951.02
3810180.10        0.93646m (22120324)
        369974.71   3810185.52        0.98501m (22120324)                370069.48
3810207.18        0.95514m (22120324)
        369969.14   3810209.89        0.75878m (22120324)                369992.83
3810215.30        0.77763m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369987.26	3810239.68	0.63809m	(22120324)	370010.95	3810245.09	0.64464m	(22120324)
370034.64	3810250.51	0.64469m	(22120324)	370058.34	3810255.92	0.64037m	(22120324)
370005.38	3810269.46	0.55923m	(22120324)	370029.07	3810274.88	0.56344m	(22120324)
370052.76	3810280.30	0.56365m	(22120324)	369935.71	3810356.12	0.36489m	(22120324)
369959.40	3810361.53	0.37293m	(22120324)	369983.10	3810366.95	0.38241	(23122024)
370006.79	3810372.36	0.39225	(23122024)	369871.12	3810441.96	0.31089	(23122024)
369913.43	3810453.60	0.33053	(23122024)	369937.12	3810459.02	0.34213	(23122024)
369960.81	3810464.43	0.35063	(23122024)	369984.50	3810469.85	0.36166	(23122024)
370008.19	3810475.27	0.37241	(23122024)	369848.84	3810539.44	0.28979	(23122024)
369891.14	3810551.09	0.30523	(23122024)	369914.83	3810556.50	0.31410	(23122024)
369938.53	3810561.92	0.32027	(23122024)	369962.22	3810567.33	0.32530	(23122024)

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        369985.91   3810572.75        0.33077  (23122024)              369826.55
3810636.93        0.27533  (23122024)
        369789.33   3810624.47        0.26381  (23122024)              369868.86
3810648.57        0.28732  (23122024)
        369892.55   3810653.99        0.29267  (23122024)              369916.24
3810659.40        0.29727  (23122024)
        369939.93   3810664.82        0.29957  (23122024)              369963.62
3810670.24        0.30165  (23122024)
        369800.55   3810733.17        0.29163  (23122024)              369778.22
3810725.69        0.26015  (23122024)
        369755.88   3810718.22        0.25361  (23122024)              369733.55
3810710.74        0.27339  (23122024)
        369822.88   3810740.64        0.43460  (18020924)              369846.57
3810746.06        0.39221  (18020924)
        369870.26   3810751.47        0.28302  (23122024)              369893.96
3810756.89        0.27906  (23122024)
        369917.65   3810762.31        0.27990  (23122024)              369941.34
3810767.72        0.28201  (23122024)
        370097.17   3810203.36        0.97477m (22120324)              370086.30
3810231.53        0.75456m (22120324)
        370119.30   3810223.91        0.79407m (22120324)              370108.42
3810252.08        0.67060m (22120324)
        370136.55   3810373.87        0.45443  (23122024)              370125.75
3810475.14        0.41345  (23122024)
        370092.16   3810475.17        0.40296  (23122024)              370058.58
3810475.21        0.39132  (23122024)
        370148.76   3810572.57        0.36218  (23122024)              370116.19
3810572.61        0.35867  (23122024)
        370083.62   3810572.64        0.35423  (23122024)              370051.05
3810572.68        0.34878  (23122024)
        370018.48   3810572.72        0.34157  (23122024)              370181.55
3810568.74        0.36559  (23122024)
        370171.55   3810670.01        0.31545  (23122024)              370139.56
3810670.04        0.31751  (23122024)
        370107.57   3810670.08        0.31795  (23122024)              370075.58
3810670.11        0.31609  (23122024)
        370043.60   3810670.15        0.31335  (23122024)              370011.61
3810670.18        0.30988  (23122024)
        370204.04   3810666.18        0.31375  (23122024)              370193.25
3810767.45        0.27101  (23122024)
        370159.66   3810767.48        0.32334  (23122024)              370126.07
3810767.52        0.31995  (23122024)
        370092.49   3810767.56        0.28814  (23122024)              370058.90
3810767.59        0.27924  (23122024)
        370025.31   3810767.63        0.27943  (23122024)              369991.72
3810767.67        0.27806  (23122024)
        370226.54   3810763.62        0.26231  (23122024)              369889.95
3810626.19        0.29676  (23122024)
        369840.92   3810713.34        0.36726  (18020924)              370144.46
3810239.54        0.71785m (22120324)
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370132.20 3810261.33 0.64541m (22120324) 370171.58
3810285.28 0.59134m (22120324)
370172.49 3810386.90 0.46337 (23122024) 370174.25
3810482.36 0.42104 (23122024)
370038.81 3810460.19 0.38573 (23122024) 370208.95
3810481.76 0.42673 (23122024)
370006.70 3810550.12 0.34317 (23122024) 369955.91
3810541.80 0.32935 (23122024)
*** AERMOD - VERSION 24142 *** *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I *** 08/05/25
*** AERMET - VERSION 22112 *** ***
*** 07:57:22

PAGE 114
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

```
3810779.85        0.24871  (21020824)
        370282.77   3810773.09        0.24853  (21020824)                370197.71
3810206.90        0.85478m (22120324)
        370201.05   3810256.79        0.66687m (22120324)                370202.72
3810281.74        0.60705m (22120324)
        370196.72   3810382.36        0.47547  (23122024)                370210.76
3810782.32        0.25808  (23122024)
        370233.35   3810215.24        0.81678m (22120324)                370261.27
3810183.94        0.98502m (22120324)
        370265.97   3810216.23        0.80996m (22120324)                370284.63
3810232.88        0.74761m (22120324)
        370328.30   3810323.40        0.57638  (23122024)                370294.33
3810340.00        0.54580  (23122024)
        370401.39   3810390.72        0.49351m (22120324)                370327.27
3810426.95        0.46905  (23122024)
        370290.21   3810445.06        0.45843  (23122024)                370433.88
3810366.01        0.53323m (22120324)
        370458.30   3810465.94        0.42571m (22120324)                370422.07
3810483.65        0.40315m (22120324)
        370385.83   3810501.36        0.38532  (21020824)                370331.48
3810527.93        0.37612  (23122024)
        370295.24   3810545.64        0.37127  (23122024)                370522.46
3810416.93        0.48625m (22120324)
        370551.29   3810523.53        0.38689m (22120324)                370497.65
3810549.75        0.36143m (22120324)
        370461.89   3810567.23        0.34495m (22120324)                370426.13
3810584.71        0.32910m (22120324)
        370390.37   3810602.19        0.31954  (21020824)                370354.61
3810619.67        0.31088  (21020824)
        370318.85   3810637.14        0.30434  (23122024)                370283.09
3810654.62        0.30461  (23122024)
        370583.13   3810499.14        0.41100m (22120324)                370625.26
3810590.42        0.34326m (22120324)
        370588.20   3810608.53        0.32946m (22120324)                370551.14
3810626.65        0.31513m (22120324)
        370514.08   3810644.76        0.30330m (22120324)                370477.02
3810662.87        0.29063m (22120324)
        370439.96   3810680.99        0.27837m (22120324)                370402.91
3810699.10        0.26793  (21020824)
        370365.85   3810717.22        0.26430  (21020824)                370328.79
3810735.33        0.25975  (21020824)
        370657.75   3810565.71        0.36161m (22120324)                370310.12
3810228.19        0.77057m (22120324)
        370352.14   3810424.69        0.46697  (23122024)                370419.69
3810508.14        0.38135m (22120324)
        370412.78   3810615.28        0.31056  (21020824)                370450.01
3810603.44        0.32066m (22120324)
        370405.87   3810722.42        0.25678m (22120324)                370443.10
3810710.57        0.26515m (22120324)
        370480.33   3810698.73        0.27355m (22120324)                370315.59
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3810145.14   1.24038m (22120324)
        370332.76   3810163.31   1.07603m (22120324)   370365.16
3810167.10   1.05648m (22120324)
        370420.43   3810281.39   0.67631m (22120324)   370471.57
3810364.41   0.54485m (22120324)
        370556.08   3810427.76   0.47844m (22120324)   370487.89
3810467.95   0.42862m (22120324)
        370588.36   3810403.33   0.51212m (22120324)   370624.37
3810500.68   0.41263m (22120324)
        370589.50   3810521.23   0.39230m (22120324)   370502.32
3810572.61   0.34604m (22120324)
        370657.04   3810476.01   0.43730m (22120324)   370692.78
3810573.52   0.35664m (22120324)
        370657.37   3810594.39   0.34179m (22120324)   370621.96
3810615.26   0.32677m (22120324)
        370586.56   3810636.13   0.31185m (22120324)   370551.15
3810656.99   0.29854m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370515.74   3810677.86   0.28620m (22120324)   370725.72
3810548.70   0.37485m (22120324)
        370339.70   3810134.90   1.34507m (22120324)   370363.06
3810132.36   1.36962m (22120324)

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        370389.11   3810154.67        1.15207m (22120324)               370391.81
3810179.53        0.99500m (22120324)
        370415.16   3810176.99        1.01863m (22120324)               370438.51
3810174.45        1.04504m (22120324)
        370417.86   3810201.84        0.90467m (22120324)               370441.21
3810199.30        0.92692m (22120324)
        370405.32   3810303.80        0.62535m (22120324)               370452.02
3810298.72        0.65049m (22120324)
        370439.47   3810400.67        0.48965m (22120324)               370462.82
3810398.13        0.49802m (22120324)
        370450.28   3810500.09        0.39311m (22120324)               370473.63
3810497.55        0.39893m (22120324)
        370484.43   3810596.96        0.32848m (22120324)               370469.75
3810120.80        1.51962m (22120324)
        370475.10   3810170.51        1.08662m (22120324)               370477.78
3810195.37        0.96299m (22120324)
        370488.48   3810294.79        0.66946m (22120324)               370499.18
3810394.22        0.50975m (22120324)
        370509.88   3810493.65        0.40760m (22120324)               370520.59
3810593.07        0.33438m (22120324)
        370549.62   3810690.52        0.28159m (22120324)               370336.44
3810228.20        0.77969m (22120324)
        370169.71   3810339.59        0.49313m (22120324)               370090.78
3810401.00        0.42300  (23122024)
        370029.62   3810485.25        0.37783  (23122024)               370526.89
3810167.63        1.13121m (22120324)
        370500.67   3810191.77        0.99067m (22120324)               370526.05
3810192.62        0.99727m (22120324)
        370499.83   3810216.75        0.88711m (22120324)               370525.21
3810217.60        0.89239m (22120324)
        370399.31   3810267.15        0.70105m (22120324)               370377.72
3810256.14        0.71902m (22120324)
        370356.13   3810245.13        0.73943m (22120324)               370496.49
3810316.70        0.62821m (22120324)
        370521.87   3810317.55        0.63310m (22120324)               370482.34
3810411.14        0.48580m (22120324)
        370395.97   3810367.09        0.52232m (22120324)               370374.37
3810356.08        0.53654  (23122024)
        370352.78   3810345.07        0.55185  (23122024)               370277.20
3810306.53        0.57795m (22120324)
        370400.22   3810470.91        0.41405  (21020824)               370377.82
3810459.49        0.43087  (23122024)
        370355.43   3810448.07        0.44837  (23122024)               370299.44
3810419.53        0.47435  (23122024)
        370277.05   3810408.11        0.48080  (23122024)               370489.79
3810516.59        0.38540m (22120324)
        370397.53   3810571.19        0.33774  (21020824)               370375.30
3810559.86        0.34569  (21020824)
        370353.07   3810548.52        0.35556  (23122024)               370308.61
3810525.85        0.38263  (23122024)
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        370286.38   3810514.52        0.39477  (23122024)                370253.04
3810497.52        0.41382  (23122024)
        370499.13   3810616.95        0.31782m (22120324)                370394.61
3810671.36        0.28254  (21020824)
        370372.49   3810660.08        0.29062  (21020824)                370350.37
3810648.80        0.29761  (21020824)
        370295.07   3810620.60        0.32136  (23122024)                370272.95
3810609.32        0.33353  (23122024)
        370162.35   3810552.92        0.37246  (23122024)                370140.23
3810541.64        0.37509  (23122024)
        370118.11   3810530.36        0.37814  (23122024)                370095.99
3810519.08        0.38038  (23122024)
        370073.87   3810507.80        0.38153  (23122024)                370495.79
3810716.90        0.26643m (22120324)
        370547.88   3810133.53        1.40669m (22120324)                370567.34
3810109.84        1.72632m (22120324)
        370586.66   3810125.71        1.50106m (22120324)                370548.33
3810188.20        1.02539m (22120324)
        370593.81   3810190.35        1.02356m (22120324)                370554.92
3810211.72        0.92342m (22120324)
        370671.09   3810253.82        0.79663m (22120324)                370635.03
3810281.46        0.72608m (22120324)
        370596.14   3810302.83        0.67555m (22120324)                370566.43
3810308.72        0.65928m (22120324)
        370692.83   3810232.76        0.85521m (22120324)                370748.36
3810317.30        0.65012m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370724.32	3810335.72	0.61819m	(22120324)	370700.28	3810354.15	0.58833m	(22120324)
370676.24	3810372.57	0.56037m	(22120324)	370637.35	3810393.94	0.52869m	(22120324)
370770.11	3810296.24	0.68871m	(22120324)	370825.63	3810380.77	0.54047m	(22120324)
370801.59	3810399.20	0.51841m	(22120324)	370777.55	3810417.62	0.49933m	(22120324)
370753.52	3810436.04	0.47935m	(22120324)	370729.48	3810454.47	0.45995m	(22120324)
370705.44	3810472.89	0.44146m	(22120324)	370678.57	3810485.05	0.42913m	(22120324)
370530.03	3810514.49	0.39205m	(22120324)	370847.38	3810359.71	0.56754m	(22120324)
370902.90	3810444.25	0.45404m	(22120324)	370878.86	3810462.67	0.43962m	(22120324)
370854.83	3810481.09	0.42579m	(22120324)	370830.79	3810499.52	0.41017m	(22120324)
370806.75	3810517.94	0.39635m	(22120324)	370782.71	3810536.37	0.38283m	(22120324)
370758.68	3810554.79	0.36972m	(22120324)	370719.78	3810576.16	0.35460m	(22120324)
370924.65	3810423.19	0.47271m	(22120324)	370980.17	3810507.72	0.38480m	(22120324)
370956.14	3810526.14	0.37393m	(22120324)	370932.10	3810544.57	0.36235m	(22120324)
370908.06	3810562.99	0.35207m	(22120324)	370884.02	3810581.42	0.34031m	(22120324)
370859.99	3810599.84	0.33062m	(22120324)	370835.95	3810618.27	0.32209m	(22120324)
370811.91	3810636.69	0.31321m	(22120324)	370787.87	3810655.12	0.30391m	(22120324)
370761.00	3810667.27	0.29812m	(22120324)	370731.29	3810673.16	0.29511m	(22120324)
370701.58	3810679.05	0.29245m	(22120324)	370671.87	3810684.94	0.28918m	(22120324)
370642.17	3810690.83	0.28497m	(22120324)	370612.46	3810696.71	0.28111m	(22120324)
370582.75	3810702.60	0.27712m	(22120324)	370538.19	3810711.44	0.27144m	(22120324)
371001.92	3810486.66	0.39713m	(22120324)	370553.81	3810393.91	0.51939m	(22120324)
370555.75	3810493.90	0.41297m	(22120324)	370557.68	3810593.88	0.33690m	(22120324)
370620.55	3810108.03	1.71399m	(22120324)	370657.78			

3810091.96   1.82467m (22120324)
        370630.46   3810130.99   1.40801m (22120324)   370667.69
3810114.91   1.49259m (22120324)
        370658.98   3810145.90   1.25644m (22120324)   370696.21
3810129.83   1.31333m (22120324)
        370631.66   3810184.93   1.04275m (22120324)   370668.89
3810168.85   1.11068m (22120324)
        370706.12   3810152.78   1.16774m (22120324)   370671.30
3810276.74   0.73845m (22120324)
        370708.53   3810260.66   0.77577m (22120324)   370745.76
3810244.59   0.81236m (22120324)
        370729.56   3810360.51   0.57716m (22120324)   370766.79
3810344.43   0.60093m (22120324)
        370769.20   3810452.31   0.46132m (22120324)   370806.43
3810436.24   0.47574m (22120324)
        370808.84   3810544.12   0.37520m (22120324)   370846.07
3810528.05   0.38504m (22120324)
        370867.09   3810627.89   0.31325m (22120324)   370904.32
3810611.82   0.31843m (20031424)
        370683.34   3810079.43   1.83251m (22120324)   370701.61
3810062.74   1.94427m (22120324)
        370719.87   3810046.06   2.06614m (22120324)   370738.14
3810029.37   2.17588m (22120324)
        370756.41   3810012.68   2.31766m (22120324)   370774.67
3809996.00   2.56522m (22120324)
        370700.20   3810097.89   1.55146m (22120324)   370718.47
3810081.20   1.64933m (22120324)
        370736.73   3810064.51   1.75790m (22120324)   370755.00
3810047.83   1.87145m (22120324)
        370773.27   3810031.14   2.01431m (22120324)   370791.53
3810014.46   2.21170m (22120324)
        370717.06   3810116.34   1.36955m (22120324)   370735.33
3810099.66   1.45123m (22120324)
        370753.60   3810082.97   1.54780m (22120324)   370771.86
3810066.29   1.66046m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018

, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370790.13   3810049.60   1.79087m (22120324)   370808.39
3810032.91   1.96016m (22120324)
        370733.93   3810134.80   1.23581m (22120324)   370752.19
3810118.12   1.30814m (22120324)
        370770.46   3810101.43   1.39008m (22120324)   370788.72
3810084.74   1.49393m (22120324)
        370806.99   3810068.06   1.61252m (22120324)   370825.26
3810051.37   1.75648m (22120324)
        370782.83   3810220.62   0.87213m (22120324)   370819.64
3810191.95   0.94914m (22120324)
        370837.90   3810175.26   1.00088m (22120324)   370856.17
3810158.58   1.06238m (22120324)
        370874.43   3810141.89   1.13200m (22120324)   370892.70
3810125.20   1.21091m (22120324)
        370852.13   3810293.25   0.68075m (22120324)   370818.77
3810314.82   0.64637m (22120324)
        370887.08   3810265.78   0.73052m (22120324)   370905.35
3810249.09   0.76142m (22120324)
        370923.61   3810232.41   0.79542m (22120324)   370941.88
3810215.72   0.83367m (22120324)
        370960.15   3810199.04   0.87994m (22120324)   370917.72
3810368.28   0.54217m (22120324)
        370880.65   3810392.25   0.51752m (22120324)   370843.58
3810416.22   0.49343m (22120324)
        370954.53   3810339.61   0.57446m (22120324)   370972.79
3810322.92   0.59478m (22120324)
        370991.06   3810306.24   0.61595m (22120324)   371009.33
3810289.55   0.63695m (22120324)
        371027.59   3810272.87   0.65769m (22120324)   370983.85
3810442.97   0.44018m (22120324)
        370963.99   3810455.81   0.43202m (22120324)   370944.12
3810468.65   0.42385m (22120324)
        370924.26   3810481.49   0.41563m (22120324)   370904.40
3810494.33   0.40781m (22120324)
        370884.54   3810507.17   0.39893m (22120324)   371003.71
3810430.13   0.44813m (22120324)

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        371021.97   3810413.44        0.46033m (22120324)                371040.24
3810396.76        0.47317m (22120324)
        371058.50   3810380.07        0.48618m (22120324)                371076.77
3810363.38        0.49894m (22120324)
        371095.04   3810346.70        0.51164m (22120324)                371052.62
3810515.94        0.36439m (22120324)
        371015.54   3810539.91        0.35465m (22120324)                370978.47
3810563.88        0.34139m (22120324)
        370941.40   3810587.85        0.34523m (20031424)                371089.42
3810487.27        0.37651m (22120324)
        371107.68   3810470.59        0.38443m (22120324)                371125.95
3810453.90        0.39236m (22120324)
        371144.22   3810437.22        0.39975m (22120324)                371162.48
3810420.53        0.40670m (22120324)
        370823.63   3810014.70        2.21544m (22120324)                370847.04
3810018.89        2.17532m (22120324)
        370870.44   3810023.07        2.16069m (22120324)                370893.85
3810027.26        2.12645m (22120324)
        370917.25   3810031.44        2.10222m (22120324)                370940.66
3810035.63        2.08866m (22120324)
        370964.07   3810039.81        2.03296m (22120324)                370987.47
3810044.00        1.95559m (22120324)
        371010.88   3810048.18        1.90781m (22120324)                370866.04
3810047.68        1.80090m (22120324)
        370889.45   3810051.87        1.76375m (22120324)                370912.86
3810056.05        1.73339m (22120324)
        370936.26   3810060.24        1.71324m (22120324)                370959.67
3810064.42        1.69050m (22120324)
        370983.07   3810068.61        1.64561m (22120324)                371006.48
3810072.79        1.59703m (22120324)
        370861.64   3810072.29        1.56507m (22120324)                370885.05
3810076.48        1.52982m (22120324)
        370908.46   3810080.66        1.49654m (22120324)                370931.86
3810084.85        1.46286m (22120324)
        370955.27   3810089.03        1.43694m (22120324)                370978.67
3810093.21        1.40954m (22120324)
        371002.08   3810097.40        1.37396m (22120324)                370833.84
3810092.72        1.41822m (22120324)
        370857.24   3810096.90        1.38640m (22120324)                370880.65
3810101.09        1.35103m (22120324)
        370904.06   3810105.27        1.32227m (22120324)                370927.46
3810109.46        1.29103m (22120324)
        370950.87   3810113.64        1.25888m (22120324)                370974.27
3810117.82        1.23039m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370997.68	3810122.01	1.20340m	(22120324)	370722.61	3810174.42	1.04905m	(22120324)
370746.02	3810178.60	1.01929m	(22120324)	370769.43	3810182.79	0.99441m	(22120324)
370792.83	3810186.97	0.97283m	(22120324)	370863.05	3810199.53	0.90910m	(22120324)
370886.46	3810203.71	0.88765m	(22120324)	370909.86	3810207.89	0.86793m	(22120324)
370980.08	3810220.45	0.80279m	(22120324)	370728.42	3810277.04	0.73491m	(22120324)
370751.83	3810281.23	0.72281m	(22120324)	370798.64	3810289.60	0.69808m	(22120324)
370892.26	3810306.33	0.64708m	(22120324)	370915.67	3810310.52	0.63342m	(22120324)
370939.08	3810314.70	0.61941m	(22120324)	370710.82	3810375.48	0.55541m	(22120324)
370757.63	3810383.85	0.54259m	(22120324)	370781.04	3810388.04	0.53509m	(22120324)
370898.07	3810408.96	0.49403m	(22120324)	370740.04	3810482.29	0.43199m	(22120324)
370763.44	3810486.47	0.42723m	(22120324)	370786.85	3810490.66	0.42197m	(22120324)
370927.29	3810515.77	0.38656m	(22120324)	370745.84	3810584.91	0.34826m	(22120324)
370769.25	3810589.10	0.34497m	(22120324)	370792.66	3810593.28	0.34105m	(22120324)
370816.06	3810597.47	0.33624m	(22120324)	371046.60			

3810082.60 1.40485m (22120324)
371071.06 3810084.32 1.19057m (22120324) 371095.51
3810086.05 1.07279m (20031424)
371119.96 3810087.78 0.98428m (20031424) 371144.42
3810089.51 0.93908m (20031424)
371044.84 3810107.53 1.22506m (22120324) 371069.29
3810109.26 1.11660m (20031424)
371093.75 3810110.99 0.98210m (20031424) 371118.20
3810112.72 0.87816m (20031424)
371142.66 3810114.45 0.82755m (20031424) 371018.62
3810130.74 1.14277m (22120324)
371043.08 3810132.47 1.09220m (22120324) 371067.53
3810134.20 1.05281m (20031424)
371091.99 3810135.93 0.94844m (20031424) 371116.44
3810137.66 0.82544m (20031424)
371140.89 3810139.38 0.76915m (20031424) 370997.98
3810148.13 1.06536m (22120324)
371041.32 3810157.41 0.98552m (22120324) 371065.77
3810159.14 0.94438m (22120324)
371090.22 3810160.87 0.99202m (20031424) 371114.68
3810162.59 0.84225m (20031424)
371139.13 3810164.32 0.76904m (20031424) 370987.16
3810246.37 0.73418m (22120324)
370964.51 3810237.31 0.76526m (22120324) 370843.84
3810128.00 1.21097m (22120324)
371009.81 3810255.43 0.70261m (22120324) 371058.72
3810258.89 0.66805m (22120324)
371083.17 3810260.62 0.65408m (22120324) 371107.63
3810262.34 0.63619m (22120324)
371132.08 3810264.07 0.61589m (22120324) 370981.53
3810346.69 0.55523m (22120324)
370820.51 3810267.98 0.74114m (22120324) 370808.16
3810248.73 0.79036m (22120324)
371002.76 3810355.18 0.53649m (22120324) 371027.22
3810356.91 0.52588m (22120324)
371125.03 3810363.82 0.47737m (22120324) 370950.41
3810436.82 0.45331m (22120324)
370729.65 3810302.74 0.67974m (22120324) 370663.77
3810200.07 0.96772m (22120324)
371020.17 3810456.66 0.41886m (22120324) 371044.62
3810458.39 0.41128m (22120324)
371069.08 3810460.12 0.40351m (22120324) 370692.83
3810421.69 0.49600m (22120324)
370680.16 3810401.95 0.51997m (22120324) 370629.48
3810322.98 0.63876m (22120324)
371037.57 3810558.14 0.33636m (22120324) 371062.03
3810559.87 0.33272m (22120324)
371086.48 3810561.60 0.32722m (22120324) 371110.94
3810563.33 0.32169m (22120324)
370958.96 3810645.38 0.36677m (20031424) 370936.31

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370589.11   3810436.41   0.47245m (22120324)   370483.70
3810272.14   0.71886m (22120324)
        370981.62   3810654.44   0.48424m (20031424)   371006.07
3810656.17   0.52465m (20031424)
        371030.53   3810657.89   0.51746m (20031424)   371054.98
3810659.62   0.48531m (20031424)
        371079.43   3810661.35   0.44539m (20031424)   371103.89
3810663.08   0.43271m (20031424)
        371167.52   3810080.61   0.94157m (20031424)   371165.45
3810108.66   0.81317m (20031424)
        371178.88   3810129.75   0.69459m (20031424)   371191.23
3810151.11   0.60189m (20031424)
        371165.18   3810157.71   0.67392m (20031424)   371244.97
3810235.44   0.42526m (20031424)
        371218.92   3810242.05   0.55075m (20031424)   371192.87
3810248.66   0.69387m (20031424)
        371166.82   3810255.26   0.60458m (20031424)   371298.70
3810319.78   0.41049m (22120324)

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        371272.65   3810326.39        0.43021m (22120324)               371246.60
3810332.99        0.44815m (22120324)
        371220.55   3810339.60        0.45475m (22120324)               371194.50
3810346.21        0.46108m (22120324)
        371168.45   3810352.81        0.46728m (22120324)               371352.12
3810404.20        0.34178m (22120324)
        371325.10   3810411.05        0.34888m (22120324)               371298.09
3810417.90        0.35545m (22120324)
        371271.07   3810424.75        0.36141m (22120324)               371244.06
3810431.60        0.36728m (22120324)
        371217.04   3810438.45        0.37257m (22120324)               371190.03
3810445.30        0.37707m (22120324)
        371163.01   3810452.16        0.38160m (22120324)               371405.92
3810488.51        0.28203m (22120324)
        371379.10   3810495.32        0.28709m (22120324)               371352.29
3810502.12        0.29197m (22120324)
        371325.47   3810508.92        0.29665m (22120324)               371298.65
3810515.72        0.30091m (22120324)
        371271.84   3810522.52        0.30508m (22120324)               371245.02
3810529.32        0.30886m (22120324)
        371218.20   3810536.12        0.31223m (22120324)               371191.39
3810542.92        0.31549m (22120324)
        371164.57   3810549.72        0.31806m (22120324)               371137.75
3810556.53        0.32028m (22120324)
        371459.70   3810572.84        0.23794m (22120324)               371433.01
3810579.61        0.24204m (22120324)
        371406.33   3810586.37        0.24591m (22120324)               371379.64
3810593.14        0.24931m (22120324)
        371352.96   3810599.91        0.25275m (22120324)               371326.27
3810606.68        0.25562m (22120324)
        371299.58   3810613.45        0.25888m (22120324)               371272.90
3810620.21        0.26169m (22120324)
        371246.21   3810626.98        0.26375m (22120324)               371219.53
3810633.75        0.26420m (22120324)
        371192.84   3810640.52        0.26238m (22120324)               371166.15
3810647.29        0.28573m (20031424)
        371139.47   3810654.05        0.33434m (20031424)               371179.09
3810059.53        0.98761m (20031424)
        371201.01   3810071.55        0.82396m (20031524)               371189.44
3810092.64        0.76013m (20031424)
        371204.09   3810042.27        1.21043m (22120324)               371226.01
3810071.55        0.80711m (22120324)
        371211.36   3810104.66        0.65280m (20031524)               371229.09
3810042.27        1.05566m (22120324)
        371249.98   3810075.56        0.75469m (22120324)               371230.45
3810119.71        0.59339m (20031524)
        371254.09   3810042.27        0.95235m (22120324)               371349.98
3810075.56        0.52629  (21123024)
        371341.76   3810107.63        0.48355  (21123024)               371333.55
3810139.69        0.46918m (20031524)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371454.09   3810042.27   0.49045m (22120324)   371549.98
3810075.56   0.37594m (23110324)
        371541.76   3810107.63   0.36102m (23110324)   371533.55
3810139.69   0.34443 (21123024)
        371525.33   3810171.75   0.29808 (21123024)   371517.11
3810203.82   0.24475m (21040324)
        371508.90   3810235.88   0.25754m (21040324)   371493.47
3810263.99   0.28855m (20031524)
        371470.85   3810288.15   0.30694m (20040724)   371448.22

3810312.31 0.34424m (22120324)
371425.60 3810336.47 0.34495m (22120324) 371402.97
3810360.63 0.34009m (22120324)
371380.35 3810384.79 0.34165m (22120324) 371554.09
3810042.27 0.38130m (22120324)
371649.98 3810075.56 0.31101 (21123024) 371641.76
3810107.63 0.30756m (23110324)
371633.55 3810139.69 0.30751 (21123024) 371625.33
3810171.75 0.29016 (21123024)
371617.11 3810203.82 0.22700 (21123024) 371608.90
3810235.88 0.20996 (22091224)
371600.68 3810267.95 0.25517 (22091224) 371581.15
3810312.09 0.24772 (22091224)
371558.52 3810336.25 0.25237 (22091224) 371535.90
3810360.41 0.27240m (20111824)
371513.27 3810384.57 0.28531m (22120324) 371490.65
3810408.73 0.28649m (22120324)
371468.02 3810432.89 0.28442m (22120324) 371445.39
3810457.05 0.28243m (22120324)
371654.09 3810042.27 0.32183 (21123024) 371749.98
3810075.56 0.27186 (21123024)
371741.76 3810107.63 0.27659 (21123024) 371733.55
3810139.69 0.27102 (21123024)
371725.33 3810171.75 0.26646 (21123024) 371717.11
3810203.82 0.22476 (21123024)
371708.90 3810235.88 0.21769 (21123024) 371700.68
3810267.95 0.24020m (23110324)
371692.46 3810300.01 0.25149m (23110324) 371684.24
3810332.07 0.23846m (22120324)
371668.82 3810360.18 0.23362m (23110324) 371646.20
3810384.34 0.24024m (22120324)
371623.57 3810408.50 0.24264m (22120324) 371600.95
3810432.66 0.24282m (22120324)
371578.32 3810456.82 0.24241m (22120324) 371555.69
3810480.98 0.24168m (22120324)
371533.07 3810505.14 0.24065m (22120324) 371510.44
3810529.30 0.23923m (22120324)
371487.82 3810553.46 0.23735m (22120324) 371754.09
3810042.27 0.27566 (21123024)
371146.62 3810066.13 1.12261m (20031424) 371094.34
3810233.14 0.70688m (22120324)
371064.47 3810328.57 0.54973m (22120324) 371046.09
3810427.60 0.43938m (22120324)
371004.72 3810519.44 0.37147m (22120324) 370974.84
3810614.87 0.36858m (20031424)
371119.52 3810240.49 0.66761m (22120324) 371073.44
3810435.11 0.42439m (22120324)
371100.77 3810441.58 0.41035m (22120324) 371064.07
3810535.66 0.34861m (22120324)
371017.11 3810626.92 0.44162m (20031424) 371041.03

3810632.97   0.44120m (20031424)
        371219.95   3810008.48   1.37342m (22120324)   371220.98
3809985.98   1.46772m (22120324)
        371222.00   3809963.48   1.53643m (22120324)   371223.03
3809940.98   1.58603m (22120324)
        371224.06   3809918.48   1.62045m (22120324)   371225.08
3809895.98   1.64470m (22120324)
        371244.92   3810009.62   1.14325m (22120324)   371245.95
3809987.12   1.21488m (22120324)
        371246.98   3809964.62   1.26990m (22120324)   371248.00
3809942.12   1.31334m (22120324)
        371249.03   3809919.62   1.34696m (22120324)   371250.06
3809897.12   1.37266m (22120324)
        371269.90   3810010.76   0.99413m (22120324)   371270.92
3809988.26   1.04620m (22120324)
        371271.95   3809965.76   1.09019m (22120324)   371272.98
3809943.26   1.12649m (22120324)
        371274.00   3809920.76   1.15694m (22120324)   371275.03
3809898.26   1.18133m (22120324)
        371282.90   3810075.72   0.75432m (22120324)   371263.07
3810113.35   0.62992m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -

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        371211.52   3810140.91        0.56496m (20031424)               371293.84
3810034.40        0.83458m (22120324)
        371294.87   3810011.90        0.88207m (22120324)               371295.90
3809989.40        0.92317m (22120324)
        371296.92   3809966.90        0.95827m (22120324)               371297.95
3809944.40        0.98825m (22120324)
        371298.98   3809921.90        1.01451m (22120324)               371300.01
3809899.40        1.03564m (22120324)
        371382.80   3810080.28        0.49311  (21123024)               371362.96
3810117.91        0.40792m (20031524)
        371323.29   3810193.18        0.36127m (20031524)               371393.74
3810038.96        0.57788m (22120324)
        371394.77   3810016.46        0.60889m (22120324)               371395.79
3809993.96        0.62728m (22120324)
        371396.82   3809971.46        0.64390m (22120324)               371397.85
3809948.96        0.65575m (22120324)
        371398.87   3809926.46        0.66489m (22120324)               371399.90
3809903.96        0.67462m (22120324)
        371482.69   3810084.84        0.41417m (23110324)               371462.86
3810122.47        0.39545  (21123024)
        371423.19   3810197.74        0.32742m (20031524)               371383.52
3810273.01        0.35049m (20031524)
        371144.63   3810339.90        0.49384m (22120324)               371493.64
3810043.52        0.44317m (22120324)
        371494.66   3810021.02        0.45583m (22120324)               371495.69
3809998.52        0.46594m (22120324)
        371496.72   3809976.02        0.47181m (22120324)               371497.74
3809953.52        0.47181m (22120324)
        371498.77   3809931.02        0.46208m (22120324)               371499.80
3809908.52        0.49579m (21011024)
        371582.59   3810089.40        0.35063m (23110324)               371562.75
3810127.03        0.34352  (21123024)
        371443.75   3810352.84        0.32662m (22120324)               371225.67
3810415.36        0.38611m (22120324)
        371593.53   3810048.08        0.34733  (21123024)               371594.56
3810025.58        0.35787  (21123024)
        371595.59   3810003.08        0.35916m (21011024)               371596.61
3809980.58        0.37466m (21011024)
        371597.64   3809958.08        0.38942m (21011024)               371598.67
3809935.58        0.40160m (21011024)
        371599.69   3809913.08        0.41095m (21011024)               371681.96
3810094.95        0.28835  (21123024)
        371661.08   3810134.56        0.30088  (21123024)               371514.94
3810411.87        0.27674m (22120324)
        371504.50   3810431.67        0.27281m (22120324)               371472.15
3810456.08        0.27426m (22120324)
        371362.59   3810479.08        0.29943m (22120324)               371296.85
3810492.89        0.31300m (22120324)
        371253.03   3810502.09        0.32108m (22120324)               371209.21
3810511.29        0.32834m (22120324)
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        371165.38   3810520.49        0.33470m (22120324)               371121.56
3810529.69        0.33969m (22120324)
        371693.43   3810052.64        0.29819  (21123024)               371694.45
3810030.14        0.30274  (21123024)
        371695.48   3810007.64        0.30550m (21011024)               371696.51
3809985.14        0.30169m (21011024)
        371697.54   3809962.64        0.28106m (21011024)               371698.56
3809940.14        0.26984m (21011024)
        371699.59   3809917.64        0.28152m (21011024)               371781.95
3810099.34        0.25865  (21123024)
        371761.25   3810138.61        0.26615  (21123024)               371668.12
3810315.32        0.24696m (22120324)
        371564.64   3810511.67        0.23082m (22120324)               371532.57
3810535.87        0.23194m (22120324)
        371445.68   3810554.11        0.24714m (22120324)               371402.24
3810563.23        0.25462m (22120324)
        371358.80   3810572.35        0.26179m (22120324)               371315.36
3810581.48        0.26815m (22120324)
        371271.91   3810590.60        0.27369m (22120324)               371228.47
3810599.72        0.27926m (22120324)
        371185.03   3810608.84        0.28181m (22120324)               371141.58
3810617.96        0.28565m (20031424)
        371098.14   3810627.08        0.30763m (20031424)               371793.32
3810057.20        0.26055  (21123024)
        371794.35   3810034.70        0.26160m (21011024)               371795.38
3810012.20        0.26885m (21011024)
        371796.40   3809989.70        0.26355m (21011024)               371797.43
3809967.20        0.25257m (21011024)
        371798.46   3809944.70        0.25476m (21011024)               371799.49
3809922.20        0.26284m (21011024)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371214.78	3809870.57	1.83721m	(22120324)	371243.11	3809869.32	1.47369m	(22120324)
371229.45	3809846.30	1.64213m	(22120324)	371267.21	3809866.99	1.27002m	(22120324)
371257.78	3809845.06	1.36159m	(22120324)	371288.89	3809854.93	1.12216m	(22120324)
371294.45	3809877.16	1.08718m	(22120324)	371279.28	3809832.30	1.16737m	(22120324)
371375.20	3809805.13	0.76204m	(21011024)	371381.37	3809829.84	0.71633m	(22120324)
371387.55	3809854.55	0.72133m	(22120324)	371393.73	3809879.25	0.70461m	(22120324)
371365.28	3809781.27	0.76434m	(21011024)	371461.31	3809754.57	0.52908m	(21011024)
371467.73	3809780.23	0.48343m	(21011024)	371474.14	3809805.89	0.51240m	(21011024)
371480.56	3809831.55	0.49205m	(21011024)	371486.97	3809857.21	0.48346m	(21011024)
371493.38	3809882.86	0.50401m	(21011024)	371451.28	3809730.24	0.60986m	(21011024)
371547.19	3809703.07	0.43755m	(21011024)	371553.37	3809727.78	0.46495m	(21011024)
371559.55	3809752.48	0.49346m	(21011024)	371565.72	3809777.19	0.49327m	(21011024)
371571.90	3809801.90	0.48048m	(21011024)	371578.08	3809826.61	0.46628m	(21011024)
371584.25	3809851.31	0.44688m	(21011024)	371590.43	3809876.02	0.43227m	(21011024)
371537.28	3809679.20	0.42051m	(21011024)	371633.26	3809652.32	0.32921m	(21011024)
371639.58	3809677.59	0.33090m	(21011024)	371645.90	3809702.86	0.33568m	(21011024)
371652.21	3809728.12	0.36378m	(21011024)	371658.53	3809753.39	0.38957m	(21011024)
371664.85	3809778.66	0.38879m	(21011024)	371671.16	3809803.93	0.34758m	(21011024)
371677.48	3809829.20	0.32624m	(21011024)	371683.80	3809854.47	0.33689m	(21011024)
371690.11	3809879.74	0.34028m	(21011024)	371623.27	3809628.17	0.33184m	(21011024)
371719.31	3809601.48	0.28837	(23121724)	371725.72			

3809627.14   0.29955m (21011024)
        371732.14   3809652.80   0.27877 (23121724)   371738.55
3809678.45   0.28740m (21011024)
        371744.97   3809704.11   0.28974m (21011024)   371751.38
3809729.77   0.28264m (21011024)
        371757.79   3809755.43   0.26798m (21011024)   371764.21
3809781.08   0.25335m (21011024)
        371770.62   3809806.74   0.24411m (21011024)   371777.04
3809832.40   0.24219m (21011024)
        371783.45   3809858.06   0.24559m (21011024)   371789.86
3809883.72   0.25467m (21011024)
        371709.27   3809577.14   0.29073 (23121724)   371346.42
3809991.86   0.74789m (22120324)
        371426.40   3810051.89   0.52630m (22120324)   371506.38
3810111.91   0.37946 (21123024)
        371586.37   3810171.93   0.28814 (21123024)   371666.35
3810231.95   0.22710 (21123024)
        371225.42   3809816.25   1.52605m (22120324)   371228.18
3809792.75   1.54478m (22120324)
        371230.94   3809769.26   1.51650m (22120324)   371233.69
3809745.77   1.44380m (22120324)
        371236.45   3809722.27   1.44122m (22120324)   371250.25
3809819.16   1.40356m (22120324)
        371253.01   3809795.67   1.35402m (22120324)   371255.77
3809772.17   1.24573m (21011024)
        371258.52   3809748.68   1.13339m (21011024)   371261.28
3809725.19   1.01324m (21011024)
        371277.84   3809798.58   1.15489m (22120324)   371280.60
3809775.09   1.12196m (21011024)
        371283.35   3809751.59   1.05938m (21011024)   371286.11
3809728.10   0.94168m (21011024)
        371302.67   3809801.49   0.96357m (21011024)   371305.43
3809778.00   0.95225m (21011024)
        371308.18   3809754.51   0.93322m (21011024)   371310.94
3809731.01   0.80348m (21011024)
        371370.51   3809941.67   0.73318m (22120324)   371401.99
3809813.15   0.68058m (22120324)
        371404.74   3809789.65   0.70454m (21011024)   371407.50
3809766.16   0.71642m (21011024)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371410.26   3809742.67        0.72233m (21011024)               371476.46
3809936.74        0.51010m (22120324)
        371459.89   3809978.20        0.52433m (22120324)               371443.32
3810019.66        0.52515m (22120324)
        371504.06   3809801.31        0.50340m (21011024)               371506.82
3809777.81        0.48281m (21011024)
        371509.58   3809754.32        0.43105m (21011024)               371575.17
3809949.93        0.40811m (21011024)
        371566.57   3809971.43        0.39575m (21011024)               371557.98
3809992.92        0.38464m (22120324)
        371549.39   3810014.42        0.39316m (22120324)               371532.20
3810057.41        0.39753m (22120324)
        371523.61   3810078.91        0.38984m (23110324)               371603.38
3809812.96        0.44174m (21011024)
        371606.14   3809789.47        0.44564m (21011024)               371608.89
3809765.98        0.41330m (21011024)
        371667.50   3809979.05        0.28404m (21011024)               371651.39
3810019.36        0.30835  (21123024)
        371627.22   3810079.82        0.32129m (23110324)               371611.11
3810120.12        0.31921m (23110324)
        371702.70   3809824.62        0.29103m (21011024)               371705.46
3809801.12        0.28263m (21011024)
        371708.21   3809777.63        0.28666m (21011024)               371774.42
3809971.70        0.24728m (21011024)
        371757.85   3810013.16        0.26316m (21011024)               371716.41
3810116.81        0.27698  (21123024)
        371699.84   3810158.27        0.26982  (21123024)               371683.27
3810199.72        0.22522  (21123024)
        371802.02   3809836.27        0.23732m (21011024)               371804.78
3809812.78        0.23331m (21011024)
        371807.53   3809789.28        0.23395m (21011024)               371241.61
3809695.52        1.39281m (21011024)
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        371238.97   3809652.85        1.58106m (22120324)                371236.33
3809610.18        1.59929m (22120324)
        371233.69   3809567.51        1.59572m (22120324)                371266.56
3809693.97        1.18436m (21011024)
        371263.92   3809651.30        1.34220m (22120324)                371261.28
3809608.63        1.36112m (22120324)
        371258.64   3809565.96        1.34032m (21011024)                371291.52
3809692.43        1.10753m (21011024)
        371288.88   3809649.76        1.16457m (21011024)                371286.24
3809607.09        1.18349m (21011024)
        371283.60   3809564.42        1.21887m (21011024)                371315.33
3809704.99        0.88789m (21011024)
        371315.15   3809669.55        0.94034m (21011024)                371312.51
3809626.88        1.04587m (21011024)
        371309.87   3809584.21        1.08787m (21011024)                371414.77
3809703.52        0.61128m (21011024)
        371414.96   3809663.37        0.53559m (21011024)                371412.32
3809620.70        0.57645m (21011024)
        371409.68   3809578.03        0.59530m (21011024)                371514.39
3809699.70        0.40869m (21011024)
        371514.77   3809657.20        0.40173m (21011024)                371512.13
3809614.53        0.40967m (21011024)
        371509.49   3809571.86        0.41557m (21011024)                371614.38
3809691.17        0.39154m (21011024)
        371611.36   3809728.80        0.37534m (21011024)                371611.94
3809608.35        0.33582m (21011024)
        371609.30   3809565.68        0.33833m (21011024)                371714.08
3809686.34        0.31863m (21011024)
        371710.84   3809726.66        0.30949m (21011024)                371707.79
3809538.17        0.29012  (23121724)
        371813.81   3809681.17        0.24037m (21011024)                371810.41
3809723.50        0.24095m (21011024)
        371807.01   3809765.83        0.23695m (21011024)                371814.19
3809638.67        0.24779  (23121724)
        371811.55   3809596.00        0.25482  (23121724)                371808.91
3809553.33        0.25920  (23121724)
        371220.42   3809538.97        1.73418m (22120324)                371200.28
3809503.49        2.03475m (22120324)
        371252.23   3809544.37        1.38119m (22120324)                371232.09
3809508.89        1.53654m (22120324)
        371273.97   3809532.04        1.25137m (21011024)                371253.84
3809496.56        1.36676m (21011024)
        371299.99   3809534.09        1.03539m (21011024)                371285.65
3809501.96        1.16740m (21011024)
        371265.51   3809466.48        1.15360m (21011024)                371387.82
3809487.61        0.59819m (21011024)
        371398.09   3809522.16        0.59550m (21011024)                371372.62
3809452.60        0.65822m (21011024)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
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                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3809439.47 0.25623 (23121724)
371791.09 3809476.48 0.25952 (23121724) 371802.09
3809513.49 0.26047 (23121724)
371720.51 3809255.19 0.41060 (23120524) 371700.38
3809219.71 0.48644 (23120524)
371213.90 3809479.62 1.69473m (21011024) 371371.98
3809566.64 0.74060m (21011024)
371468.70 3809592.05 0.45870m (21011024) 371479.88
3809549.49 0.44641m (21011024)
371565.41 3809617.46 0.38696m (21011024) 371576.59
3809574.90 0.35975m (21011024)
371662.13 3809642.86 0.31301m (21011024) 371673.31
3809600.30 0.30448 (23121724)
371758.85 3809668.27 0.26568m (21011024) 371770.03
3809625.71 0.26784 (23121724)
371231.90 3809459.40 1.34014m (21011024) 371348.34
3809595.09 0.93229m (21011024)
371438.82 3809641.46 0.54774m (21011024) 371240.09
3809428.48 1.00582m (21011024)
371246.85 3809388.73 0.85576m (21011024) 371264.74
3809432.67 0.93043m (21011024)
371271.50 3809392.92 0.76000m (21011024) 371286.01
3809456.74 0.97231m (21011024)
371292.76 3809416.99 0.76845m (21011024) 371299.52
3809377.24 0.66127m (21011024)
371304.23 3809475.64 0.99414m (21011024) 371314.03
3809441.05 0.77492m (21011024)
371320.79 3809401.30 0.66453m (21011024) 371409.24
3809477.68 0.57503m (21011024)
371416.00 3809437.93 0.67293m (21011024) 371422.75
3809398.18 0.70778 (23120524)
371511.21 3809474.56 0.50106m (21011024) 371517.96
3809434.81 0.42293m (21011024)
371598.70 3809528.85 0.34952m (21011024) 371544.72
3809652.49 0.40878m (21011024)
371613.17 3809471.43 0.37316m (21011024) 371619.93
3809431.68 0.37607m (21011024)
371688.94 3809564.74 0.29816 (23121724) 371708.38
3809508.06 0.28723 (23121724)
371715.14 3809468.31 0.28426m (21011024) 371788.17
3809580.02 0.26372 (23121724)
371813.72 3809485.07 0.25473 (23121724) 371225.14
3809339.67 0.90430 (23091724)
371181.23 3809340.45 1.50193 (18120624) 371137.32
3809341.23 1.69259m (22120324)
371244.09 3809323.38 0.79452 (23091724) 371269.18
3809352.56 0.69115m (21011024)
371202.74 3809315.07 1.05401 (23091724) 371158.83
3809315.85 1.45385 (18120624)
371243.65 3809298.38 0.83924 (23091724) 371288.14

3809336.26   0.66907 (23120524)
        371202.29   3809290.07   0.96702 (23091724)   371158.38
3809290.85   1.18103 (18120624)
        371243.21   3809273.38   0.90588 (23091724)   371282.01
3809290.78   0.78920 (23091724)
        371307.10   3809319.96   0.64534 (23120524)   371318.48
3809360.94   0.61907 (23120524)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371201.85   3809265.08   0.92015 (23091724)   371157.94
3809265.86   0.98964 (23091724)
        371241.43   3809173.40   0.84158 (22121624)   371280.23
3809190.80   0.85039 (22121624)
        371319.03   3809208.19   0.83912 (22121624)   371357.84
3809225.59   0.79919 (22121624)
        371382.93   3809254.77   0.75386 (23120524)   371394.31
3809295.75   0.77611 (23120524)
        371405.68   3809336.72   0.76993 (23120524)   371200.07
3809165.09   0.86053 (18120624)
        371156.16   3809165.87   0.90921 (18120624)   371239.65
3809073.42   0.69637 (21092724)
        371278.46   3809090.81   0.70762 (22121624)   371317.26
3809108.21   0.72841 (22121624)

371356.06 3809125.60 0.73387 (22121624) 371394.86
3809143.00 0.71589 (22121624)
371433.66 3809160.40 0.66488 (22121624) 371458.76
3809189.58 0.64526 (23120524)
371470.13 3809230.55 0.67314 (23120524) 371481.51
3809271.53 0.68149 (23120524)
371492.89 3809312.50 0.56984 (23120524) 371504.27
3809353.47 0.46995 (23120524)
371515.65 3809394.44 0.42775 (23120524) 371198.30
3809065.11 0.71189 (21092724)
371154.39 3809065.89 0.72207 (23091724) 371237.88
3808973.43 0.63929 (21092724)
371276.68 3808990.83 0.65034 (23091724) 371315.48
3809008.22 0.64192 (23091724)
371354.28 3809025.62 0.62541 (23091724) 371393.09
3809043.02 0.56898 (23091724)
371431.89 3809060.41 0.61068 (22121624) 371470.69
3809077.81 0.61727 (22121624)
371509.49 3809095.20 0.58258 (22121624) 371534.58
3809124.39 0.56330 (23120524)
371545.96 3809165.36 0.59230 (23120524) 371557.34
3809206.33 0.60629 (23120524)
371568.72 3809247.31 0.60515 (23120524) 371580.10
3809288.28 0.58716 (23120524)
371591.48 3809329.25 0.51871 (23120524) 371602.86
3809370.22 0.46442 (23120524)
371196.52 3808965.12 0.64009 (21092724) 371152.61
3808965.90 0.65619 (20012724)
371236.10 3808873.45 0.58407 (21092724) 371274.90
3808890.84 0.59271 (21092724)
371313.71 3808908.24 0.58880 (21092724) 371352.51
3808925.64 0.57890 (21092724)
371391.31 3808943.03 0.54751 (23091724) 371430.11
3808960.43 0.52414 (23091724)
371468.92 3808977.82 0.55221 (22121624) 371507.72
3808995.22 0.51348 (22121624)
371546.52 3809012.62 0.47927 (22121624) 371585.32
3809030.01 0.49273 (22121624)
371610.41 3809059.20 0.50026 (23120524) 371621.79
3809100.17 0.52731 (23120524)
371633.17 3809141.14 0.54336 (23120524) 371644.55
3809182.11 0.54633 (23120524)
371655.93 3809223.09 0.46454 (23120524) 371667.31
3809264.06 0.42321 (23120524)
371678.69 3809305.03 0.40731 (23120524) 371690.07
3809346.01 0.37084 (23120524)
371701.44 3809386.98 0.30048 (23120524) 371712.82
3809427.95 0.28623m (21011024)
371194.74 3808865.14 0.57667 (21092724) 371150.83
3808865.92 0.59170 (20012724)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371731.76	3809157.90	0.49351	(23120524)	371743.14	3809198.87	0.47648	(23120524)
371754.52	3809239.84	0.42514	(23120524)	371765.89	3809280.81	0.36490	(23120524)
371777.27	3809321.79	0.30750	(23120524)	371788.65			

3809362.76 0.25888 (23120524)
371800.03 3809403.73 0.24770 (23121724) 371811.41
3809444.70 0.24984 (23121724)
371192.97 3808765.15 0.51531 (21092724) 371149.06
3808765.93 0.53856 (20012724)
371114.74 3809341.85 1.81093m (22120324) 371070.05
3809343.06 2.07448m (22120324)
371025.36 3809344.27 2.41568m (22120324) 371114.06
3809316.86 1.50822m (22120324)
371069.37 3809318.07 1.70440m (22120324) 371024.69
3809319.28 1.74402m (22120324)
371135.72 3809291.26 1.31082 (18120624) 371091.04
3809292.47 1.44178 (18120624)
371046.35 3809293.68 1.20385 (18120624) 371001.66
3809294.90 1.33873m (22120324)
371135.05 3809266.27 1.01662 (23091724) 371090.36
3809267.48 1.07133 (23091724)
371045.67 3809268.69 1.11170 (23091724) 371000.99
3809269.91 1.31916 (18120624)
371132.33 3809166.30 0.93760 (18120624) 371087.64
3809167.52 0.99176 (18120624)
371042.96 3809168.73 1.04308 (18120624) 370998.27
3809169.94 1.15488 (20012724)
371129.62 3809066.34 0.74695 (20012724) 371084.93
3809067.55 0.83631 (20012724)
371040.24 3809068.77 0.91003 (20012724) 370995.56
3809069.98 0.97471 (20012724)
371126.90 3808966.38 0.69011 (20012724) 371082.22
3808967.59 0.74534 (20012724)
371037.53 3808968.80 0.78359 (20012724) 370992.84
3808970.02 0.84157 (20012724)
371124.19 3808866.41 0.62043 (20012724) 371079.50
3808867.63 0.66182 (20012724)
371034.82 3808868.84 0.69353 (20012724) 370990.13
3808870.05 0.72879 (20012724)
371121.47 3808766.45 0.55880 (20012724) 371076.79
3808767.66 0.59736 (20012724)
371032.10 3808768.88 0.62813 (20012724) 370987.41
3808770.09 0.66535 (20012724)
371028.69 3809369.08 3.12123m (22120324) 371053.68
3809368.30 2.88328m (22120324)
371078.66 3809367.51 2.68803m (22120324) 371103.65
3809366.72 2.51407m (22120324)
371203.60 3809363.57 1.24951m (21011024) 371601.97
3809305.59 0.55235 (23120524)
370967.46 3809295.55 1.90962m (22120324) 371023.31
3809282.64 1.17691 (23091724)
370970.16 3809270.70 1.49936m (22120324) 371026.01
3809257.79 1.23903 (18120624)
370991.61 3809247.88 1.35168 (18120624) 370954.11

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3809243.81        1.44576  (18120624)
        371028.71   3809232.93        1.21347  (18120624)                371060.00
3809248.67        1.07650  (18120624)
        370994.31   3809223.03        1.28138  (18120624)                370956.81
3809218.95        1.34281  (18120624)
        371039.51   3809133.52        1.01717  (20012724)                371070.79
3809149.25        0.96127  (20012724)
        371155.65   3809204.78        0.99864  (18120624)                371168.94
3809237.18        0.97852  (23091724)
        371005.11   3809123.61        1.03843  (20012724)                370967.60
3809119.54        1.09951  (20012724)
        371050.30   3809034.10        0.85732  (20012724)                371159.81
3809089.17        0.74615  (23091724)
        371191.09   3809104.90        0.75181  (18120624)                371229.02
3809136.84        0.78738  (22121624)
        371255.60   3809201.63        0.88387  (22121624)                371268.89
3809234.03        0.92444  (22121624)
        371282.19   3809266.43        0.85249  (22121624)                371015.91
3809024.20        0.87929  (20012724)
        370978.40   3809020.12        0.92834  (20012724)                371062.14
3808935.21        0.72581  (20012724)
        371178.95   3808993.95        0.65653  (21092724)                371212.32
3809010.73        0.66915  (21092724)
        371245.69   3809027.51        0.66969  (21092724)                371279.06
3809044.30        0.66595  (21092724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371302.84	3809069.97	0.68890	(22121624)	371331.19	3809139.09	0.76851	(22121624)
371345.37	3809173.65	0.78808	(22121624)	371026.70	3808924.78	0.73698	(20012724)
370989.20	3808920.71	0.78715	(20012724)	371072.72	3808835.68	0.64310	(20012724)
371105.65	3808852.25	0.63126	(20012724)	371171.52	3808885.37	0.58498	(21092724)
371204.45	3808901.93	0.59971	(21092724)	371237.38	3808918.49	0.61112	(21092724)
371270.32	3808935.05	0.61590	(21092724)	371303.25	3808951.62	0.61672	(21092724)
371336.18	3808968.18	0.61081	(23091724)	371376.11	3809001.79	0.56831	(23091724)
371404.09	3809070.00	0.57114	(23091724)	371418.08	3809104.11	0.66938	(22121624)
371037.50	3808825.37	0.67178	(20012724)	370999.99	3808821.29	0.69096	(20012724)
371083.37	3808736.20	0.55881	(20012724)	371181.31	3808785.45	0.52556	(21092724)
371213.96	3808801.87	0.54099	(21092724)	371246.61	3808818.28	0.55475	(21092724)
371279.25	3808834.70	0.56365	(21092724)	371311.90	3808851.12	0.56693	(21092724)
371344.55	3808867.54	0.55836	(21092724)	371377.19	3808883.96	0.52970	(23091724)
371409.84	3808900.37	0.49419	(23091724)	371449.42	3808933.70	0.51874	(23091724)
371477.16	3809001.31	0.57656	(22121624)	371491.03	3809035.12	0.57250	(22121624)
371504.89	3809068.93	0.58180	(22121624)	371048.30	3808725.95	0.56868	(20012724)
371010.79	3808721.88	0.54463	(20012724)	371130.62	3809235.69	0.97471	(23091724)
371235.07	3809238.10	0.94784	(18120624)	371226.97	3809208.93	0.91052	(18120624)
371323.33	3809182.18	0.81399	(22121624)	371427.78	3809184.59	0.67885	(22121624)
371524.13	3809157.83	0.59446	(23120524)	370932.62	3809258.34	1.61864m	(22120324)
370899.12	3809241.05	1.80413m	(22120324)	370927.34	3809227.48	1.40723m	(22120324)
370938.80	3809205.26	1.34095	(20012724)	370983.77	3809200.33	1.21878	(18120624)
370950.27	3809183.05	1.28044	(20012724)	371096.95	3809194.28	1.02771	(18120624)

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        371029.62   3809111.47        0.96553  (20012724)                370996.12
3809094.18        1.00787  (20012724)
        371087.13   3809036.94        0.81189  (20012724)                371133.75
3809094.27        0.77129  (20012724)
        371157.05   3809122.93        0.81398  (18120624)                371180.36
3809151.60        0.85521  (18120624)
        371041.98   3809005.32        0.82424  (20012724)                371204.51
3809036.03        0.69185  (21092724)
        371252.04   3809094.49        0.72071  (22121624)                371275.80
3809123.72        0.75793  (22121624)
        371299.56   3809152.95        0.79953  (22121624)                371121.34
3808933.74        0.67027  (20012724)
        371087.84   3808916.45        0.69088  (20012724)                371247.53
3808943.68        0.62356  (21092724)
        371327.87   3809042.49        0.64794  (22121624)                371350.82
3809070.73        0.66867  (22121624)
        371373.77   3809098.96        0.67454  (22121624)                371167.19
3808844.87        0.56169  (20012724)
        371133.69   3808827.58        0.58652  (20012724)                371317.93
3808885.00        0.57854  (21092724)
        371387.85   3808971.00        0.55968  (23091724)                371411.16
3808999.67        0.54237  (23091724)
        371434.46   3809028.33        0.58204  (22121624)                371457.77
3809057.00        0.61778  (22121624)
        371179.55   3808738.72        0.49826  (20012724)                370867.46
3809234.56        2.03693m (22120324)
        370843.15   3809230.50        2.32019m (22120324)                370895.89
3809213.95        1.55914m (22120324)
        370871.58   3809209.90        1.69285m (22120324)                370900.00
3809189.29        1.43353  (20012724)
        370875.69   3809185.24        1.47796m (22120324)                370918.81
3809169.52        1.31747  (20012724)
        370879.80   3809160.58        1.36929  (20012724)                370940.17
3809072.51        1.03486  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:57:22

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370896.26	3809061.94	1.06408	(20012724)	370959.07	3808974.69	0.88704	(20012724)
370937.02	3808967.36	0.88657	(20012724)	371012.28	3808888.26	0.72928	(20012724)
371051.48	3808901.29	0.71343	(20012724)	371011.93	3808784.04	0.66274	(20012724)
371053.94	3808798.00	0.63807	(20012724)	371095.94	3808811.96	0.60913	(20012724)
370945.62	3808766.03	0.65842	(20012724)	370921.31	3808761.97	0.64316	(20012724)
371008.43	3808678.78	0.47360	(20012724)	371030.48	3808686.10	0.49651	(20012724)
371052.54	3808693.43	0.54031	(20012724)	371074.59	3808700.76	0.54825	(20012724)
371096.64	3808708.09	0.55156	(20012724)	371118.69	3808715.42	0.54396	(20012724)
371140.75	3808722.75	0.52622	(20012724)	370986.38	3808671.45	0.52034	(20012724)
370962.07	3808667.39	0.53534	(20012724)	370937.76	3808663.34	0.52790	(20012724)
371339.04	3809255.16	0.83489	(22121624)	371439.04	3809255.16	0.71089	(23120524)
370908.89	3809261.42	1.92165m	(22120324)	371333.84	3809341.70	0.62558	(23120524)
371397.80	3809452.69	0.65430m	(21011024)	370889.69	3809134.21	1.25821	(20012724)
370883.21	3809090.99	1.12995	(20012724)	370876.73	3809047.77	1.10327	(20012724)
370914.42	3809130.50	1.19761	(20012724)	370907.93	3809087.28	1.06274	(20012724)
370898.21	3809022.45	1.00307	(20012724)	370942.38	3809148.40	1.20966	(20012724)
370935.90	3809105.18	1.09873	(20012724)	370926.17	3809040.35	0.97169	(20012724)
370965.18	3809161.78	1.19921	(20012724)	370950.90	3809036.65	0.98390	(20012724)
371059.08	3809191.38	1.09006	(18120624)	371062.76			

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3809108.25        0.91385  (20012724)
        371151.92   3809028.59        0.70282  (20012724)                371259.17
3809141.21        0.78733  (22121624)
        371257.30   3809056.97        0.67944  (21092724)                371355.47
3809149.44        0.76091  (22121624)
        371338.65   3809298.98        0.78266  (23120524)                371349.71
3808998.92        0.61561  (23091724)
        371456.96   3809111.54        0.64114  (22121624)                371445.42
3809214.07        0.67504  (23120524)
        371436.20   3809296.10        0.73274  (23120524)                371431.58
3809337.12        0.73993  (23120524)
        371451.85   3809005.69        0.58625  (22121624)                370877.58
3809012.03        1.04135  (20012724)
        370881.83   3808989.54        1.00199  (20012724)                370890.34
3808944.56        0.91026  (20012724)
        370894.60   3808922.07        0.85867  (20012724)                370898.85
3808899.59        0.80567  (20012724)
        370914.91   3808949.21        0.84258  (20012724)                370919.16
3808926.72        0.82440  (20012724)
        370923.42   3808904.23        0.79400  (20012724)                370931.93
3808859.26        0.69253  (20012724)
        370930.96   3808998.84        0.92233  (20012724)                370943.73
3808931.37        0.84405  (20012724)
        370947.98   3808908.88        0.80360  (20012724)                370956.49
3808863.90        0.69988  (20012724)
        370955.53   3809003.48        0.93027  (20012724)                370968.29
3808936.02        0.83399  (20012724)
        370976.80   3808891.04        0.76767  (20012724)                371173.32
3808928.22        0.61160  (21092724)
        371267.32   3808969.30        0.64191  (21092724)                371344.30
3809100.33        0.70411  (22121624)
        371459.58   3809028.97        0.60341  (22121624)                370904.45
3808837.47        0.70426  (20012724)
        370892.30   3808816.40        0.70751  (20012724)                370880.14
3808795.33        0.75135  (20012724)
        370926.11   3808824.98        0.67088  (20012724)                370913.95
3808803.91        0.66387  (20012724)
        370901.80   3808782.84        0.67519  (20012724)                370950.67
3808829.62        0.66997  (20012724)
        370935.61   3808791.41        0.66657  (20012724)                370973.30
3808822.84        0.68885  (20012724)
        370977.18   3808845.70        0.69873  (20012724)                370969.42
3808799.99        0.68522  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371056.04	3808750.02	0.59000	(20012724)	371158.18	3808791.46	0.53653	(20012724)
371162.05	3808814.32	0.54761	(20012724)	371142.66	3808700.05	0.52005	(20012724)
371130.50	3808678.98	0.52166	(20012724)	371118.35	3808657.91	0.51256	(20012724)
371233.16	3808672.93	0.47027	(21092724)	371237.04	3808695.79	0.48459	(21092724)
371240.92	3808718.64	0.49845	(21092724)	371244.80	3808741.49	0.51208	(21092724)
371264.19	3808855.76	0.57427	(21092724)	371229.28	3808650.08	0.45556	(21092724)
371217.12	3808629.01	0.43819	(21092724)	371204.97	3808607.94	0.43558	(20012724)
371319.78	3808622.96	0.46184	(21092724)	371323.66	3808645.82	0.47261	(21092724)
371327.54	3808668.67	0.48332	(21092724)	371331.42	3808691.52	0.49358	(21092724)
371335.29	3808714.38	0.50341	(21092724)	371339.17	3808737.23	0.51282	(21092724)
371343.05	3808760.09	0.52180	(21092724)	371346.93	3808782.94	0.53019	(21092724)
371315.90	3808600.11	0.45089	(21092724)	371303.74	3808579.04	0.43815	(21092724)
371291.59	3808557.97	0.42433	(21092724)	371406.40	3808572.99	0.44210	(21092724)
371410.28	3808595.85	0.45052	(21092724)	371414.16	3808618.70	0.45815	(21092724)

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        371418.04   3808641.55        0.46440  (21092724)              371421.91
3808664.41        0.47080  (21092724)
        371425.79   3808687.26        0.47619  (21092724)              371429.67
3808710.12        0.48078  (21092724)
        371433.55   3808732.97        0.48482  (21092724)              371437.43
3808755.82        0.48706  (21092724)
        371441.31   3808778.68        0.48584  (23091724)              371445.19
3808801.53        0.47521  (23091724)
        371449.07   3808824.38        0.46698  (23091724)              371452.95
3808847.24        0.46585  (23091724)
        371464.58   3808915.80        0.48229  (23091724)              371402.52
3808550.14        0.43371  (21092724)
        371390.36   3808529.07        0.42584  (21092724)              371378.21
3808508.00        0.41651  (21092724)
        370877.65   3808756.30        0.72936  (20012724)              370874.81
3808731.98        0.69120  (20012724)
        370871.97   3808707.67        0.64639  (20012724)              370899.64
3808729.09        0.63070  (20012724)
        370896.80   3808704.77        0.59582  (20012724)              370924.47
3808726.19        0.60713  (20012724)
        370921.63   3808701.88        0.57105  (20012724)              370949.30
3808723.29        0.61504  (20012724)
        370946.47   3808698.98        0.58524  (20012724)              371255.79
3808761.45        0.52453  (21092724)
        371448.77   3808689.64        0.46820  (21092724)              371445.93
3808665.33        0.46353  (21092724)
        371443.09   3808641.02        0.45814  (21092724)              370845.48
3808685.63        0.58667  (20012724)
        370821.17   3808687.25        0.55209  (23112624)              370861.47
3808666.41        0.53820  (20012724)
        370859.81   3808641.46        0.47465  (20012724)              370903.95
3808669.24        0.54302  (20012724)
        370858.14   3808616.52        0.41218  (20012724)              370893.45
3808627.98        0.49196  (20012724)
        370874.19   3808524.10        0.31324  (20012724)              370914.54
3808537.20        0.37518  (20012724)
        370954.89   3808550.29        0.40526  (20012724)              370985.17
3808575.49        0.41048  (20012724)
        371005.38   3808612.79        0.45441  (20012724)              371025.59
3808650.09        0.46149  (20012724)
        370890.74   3808431.85        0.23672  (20012724)              370933.11
3808445.60        0.28485  (20012724)
        370975.48   3808459.35        0.33665  (20012724)              371017.85
3808473.10        0.37645  (20012724)
        371049.64   3808499.55        0.38778  (20012724)              371070.86
3808538.72        0.39804  (20012724)
        371092.08   3808577.88        0.44320  (20012724)              371113.29
3808617.05        0.46280  (20012724)
        370907.45   3808339.65        0.25442  (20012724)              370929.18
3808346.70        0.25017  (20012724)
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                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370994.36   3808367.85   0.30325 (20012724)   371016.09
3808374.90   0.31871 (20012724)
        371037.82   3808381.95   0.32734 (20012724)   371059.54
3808389.00   0.33432 (20012724)
        371081.27   3808396.05   0.33969 (20012724)   371113.88
3808423.19   0.35500 (20012724)
        371124.76   3808443.27   0.36091 (20012724)   371135.64
3808463.36   0.36073 (20012724)
        371146.52   3808483.44   0.36451 (20012724)   371157.40
3808503.52   0.38439 (20012724)
        371168.28   3808523.61   0.40687 (20012724)   371179.16
3808543.69   0.41317 (20012724)
        371190.04   3808563.78   0.42202 (20012724)   371200.92
3808583.86   0.43473 (20012724)
        370924.23   3808247.48   0.23218 (20012724)   370946.29
3808254.64   0.23393 (20012724)
        370968.36   3808261.80   0.23604 (20012724)   370990.43
3808268.96   0.23322 (20012724)
        371012.49   3808276.12   0.24100 (20012724)   371034.56

3808283.28 0.25904 (20012724)
371056.63 3808290.44 0.28332 (20012724) 371078.70
3808297.60 0.27800 (20012724)
371100.76 3808304.75 0.27127 (20012724) 371122.83
3808311.91 0.27144 (20012724)
371144.90 3808319.07 0.28095 (20012724) 371178.01
3808346.63 0.31607 (20012724)
371189.06 3808367.03 0.32234 (20012724) 371200.11
3808387.43 0.32221 (20012724)
371211.16 3808407.83 0.32530 (20012724) 371222.21
3808428.23 0.34521 (20012724)
371233.26 3808448.62 0.35233 (20012724) 371244.32
3808469.02 0.35654 (20012724)
371255.37 3808489.42 0.37277 (21092724) 371266.42
3808509.82 0.39015 (21092724)
371277.47 3808530.22 0.40573 (21092724) 370918.74
3808148.07 0.18741 (23112624)
370941.04 3808155.31 0.18297 (20012724) 370963.34
3808162.54 0.19868 (20012724)
370985.64 3808169.78 0.21472 (20012724) 371007.94
3808177.02 0.20747 (20012724)
371030.24 3808184.25 0.21306 (20012724) 371052.53
3808191.49 0.22134 (20012724)
371074.83 3808198.72 0.23035 (20012724) 371097.13
3808205.96 0.23881 (20012724)
371119.43 3808213.19 0.24458 (20012724) 371141.73
3808220.43 0.24768 (20012724)
371164.03 3808227.66 0.25415 (20012724) 371186.33
3808234.90 0.27568 (20012724)
371208.63 3808242.13 0.27885 (20012724) 371242.09
3808269.98 0.28116 (20012724)
371253.26 3808290.59 0.28316 (20012724) 371264.43
3808311.21 0.28455 (20012724)
371275.59 3808331.82 0.29046 (20012724) 371286.76
3808352.43 0.31190 (21092724)
371297.93 3808373.05 0.32816 (21092724) 371309.09
3808393.66 0.34412 (21092724)
371320.26 3808414.27 0.35945 (21092724) 371331.43
3808434.89 0.37289 (21092724)
371342.59 3808455.50 0.38676 (21092724) 371353.76
3808476.11 0.39898 (21092724)
370807.24 3808111.90 0.20259m (23013024) 370782.93
3808113.52 0.22083m (23013024)
370850.78 3808734.63 0.79831 (20012724) 370853.16
3808759.51 1.00019m (22120324)
370861.00 3809110.37 1.27017m (22120324) 370826.58
3808651.51 0.45834 (23112624)
370934.22 3808562.55 0.41007 (20012724) 370954.83
3808592.62 0.42472 (20012724)
370975.43 3808622.70 0.45307 (20012724) 370903.31

3808517.43   0.33789 (20012724)
        370971.99   3808481.43   0.36201 (20012724)   370992.59
3808511.51   0.39034 (20012724)
        371013.20   3808541.59   0.39954 (20012724)   371033.81
3808571.67   0.41256 (20012724)
        371054.41   3808601.74   0.45578 (20012724)   371075.02
3808631.82   0.47989 (20012724)
        371095.62   3808661.90   0.51186 (20012724)   371095.69
3808788.77   0.59580 (20012724)
        370930.77   3808421.27   0.26345 (20012724)   371009.75
3808400.31   0.32681 (20012724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371030.36   3808430.39   0.34833 (20012724)   371050.96
3808460.47   0.36889 (20012724)
        371071.57   3808490.55   0.38250 (20012724)   371092.18
3808520.63   0.38433 (20012724)
        371112.78   3808550.71   0.42628 (20012724)   371133.39
3808580.78   0.43865 (20012724)
        371154.00   3808610.86   0.45901 (20012724)   371174.60
3808640.94   0.46897 (20012724)
        371195.21   3808671.02   0.45891 (20012724)   371105.23
3808888.31   0.65492 (20012724)

```
        371015.19   3808978.74        0.81183  (20012724)              370958.24
3808325.12        0.25075  (20012724)
        370922.70   3808314.97        0.26451  (20012724)              370996.00
3808244.00        0.22630  (20012724)
        371047.52   3808319.20        0.30175  (20012724)              371068.12
3808349.28        0.31681  (20012724)
        371212.37   3808559.82        0.41031  (20012724)              371232.97
3808589.90        0.42138  (21092724)
        371253.58   3808619.98        0.44618  (21092724)              371274.18
3808650.06        0.46799  (21092724)
        371294.79   3808680.14        0.48637  (21092724)              371320.58
3808781.17        0.53389  (21092724)
        371114.77   3808987.86        0.72532  (20012724)              371089.04
3809013.69        0.78577  (20012724)
        370967.93   3808223.89        0.24087  (20012724)              371023.46
3808147.85        0.20273  (20012724)
        371074.98   3808223.04        0.23525  (20012724)              371095.58
3808253.12        0.24931  (20012724)
        371116.19   3808283.20        0.25992  (20012724)              371342.86
3808614.06        0.45904  (21092724)
        371363.47   3808644.14        0.47285  (21092724)              371384.07
3808674.22        0.48271  (21092724)
        371404.68   3808704.30        0.48799  (21092724)              371420.16
3808790.29        0.49738  (23091724)
        371394.44   3808816.12        0.52376  (21092724)              371291.53
3808919.47        0.60168  (21092724)
        371175.76   3809035.73        0.69368  (21092724)              371111.45
3809100.32        0.81766  (20012724)
        371085.72   3809126.15        0.89994  (20012724)              371021.41
3809190.74        1.13873  (18120624)
        370931.37   3809281.17        2.06449m (22120324)              370995.39
3808127.73        0.18752  (20012724)
        370822.83   3808712.19        0.70560m (23013024)              370847.14
3808710.57        0.71936  (20012724)
        370858.49   3808807.82        1.20962m (22120324)              370882.80
3808849.96        0.80023m (22120324)
        370848.76   3809029.87        1.42288m (22120324)              370868.21
3809159.53        1.40681m (22120324)
        370839.04   3809234.09        2.48573m (22120324)              370839.04
3809255.16        3.04164m (22120324)
        370887.66   3809263.27        2.44994m (22120324)              370937.91
3809289.20        2.18020m (22120324)
        370946.01   3809318.37        2.98475m (22120324)              371002.27
3809324.48        2.21405m (22120324)
        371003.70   3809369.87        3.56425m (22120324)              371137.76
3809366.23        2.32182m (22120324)
        371225.58   3809364.67        0.92368m (21011024)              371212.07
3809444.17        1.36601m (21011024)
        371189.72   3809473.27        2.00149m (22120324)              371178.54
3809515.83        2.68866m (22120324)
```

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        371208.74   3809569.05        1.93516m (22120324)                371216.66
3809697.06        1.88356m (22120324)
        371211.62   3809719.36        1.95212m (22120324)                371195.08
3809860.32        2.15042m (22120324)
        371186.45   3809871.82        2.49559m (22120324)                371200.11
3809894.84        2.09134m (22120324)
        371192.92   3810052.34        1.03588m (22120324)                371165.59
3810045.87        1.38696m (22120324)
        371154.09   3810042.27        1.58903m (22120324)                371154.09
3810059.53        1.17895m (22120324)
        371146.18   3810064.57        1.14330m (22120324)                371023.91
3810055.93        1.80133m (22120324)
        371015.28   3810023.57        2.43563m (22120324)                370757.81
3809977.54        3.08597m (22120324)
        370666.48   3810060.97        2.43272m (22120324)                370592.02
3810093.12        2.10282m (22120324)
        370548.02   3810093.97        2.08951m (22120324)                370528.56
3810117.66        1.59138m (22120324)
        370503.18   3810116.81        1.59001m (22120324)                370485.41
3810093.97        2.08014m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/05/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:57:22

                                   PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370430.41   3810099.89        1.96174m (22120324)                370313.65
```

3810112.58 1.79355m (22120324)
370298.42 3810126.97 1.50290m (22120324) 370223.96
3810150.66 1.35169m (22120324)
370196.04 3810181.96 1.01535m (22120324) 370170.66
3810183.66 1.02887m (22120324)
370135.12 3810190.42 1.05215m (22120324) 370108.05
3810175.19 1.30023m (22120324)
370075.05 3810182.81 1.18139m (22120324) 369956.59
3810155.73 1.35705m (22120324)
369907.52 3810133.74 1.35007m (22120324) 369878.75
3810142.20 0.90719m (22120324)
369864.37 3810132.89 0.88000m (22120324) 369868.60
3810115.97 1.20238m (22120324)
369829.68 3810091.43 0.74571m (22120324) 369822.06
3810071.12 0.64386m (22120324)
369832.22 3810049.97 0.64735m (22120324) 369849.98
3810046.59 0.75473m (22120324)
370020.05 3810114.27 1.76597m (22120324) 370020.05
3810077.05 1.09752m (22120324)
370036.97 3810070.28 1.02857m (22120324) 370049.67
3810076.20 1.07812m (22120324)
370079.28 3810067.74 1.04352m (22120324) 370097.05
3810031.36 0.89285m (22120324)
370116.51 3810027.13 0.90732m (22120324) 370171.50
3810050.82 1.16849m (20112124)
370186.73 3810037.28 1.23833m (20122124) 370218.04
3810033.05 1.18490m (22120324)
370226.50 3810041.51 1.29474m (22120324) 370244.27
3810027.97 1.26500m (22120324)
370289.11 3810031.36 1.48284m (22120324) 370324.65
3810044.89 1.96543m (22120324)
370467.64 3810030.51 2.42377m (22120324) 370478.64
3810027.97 2.41082m (22120324)
370489.64 3810000.90 2.07070m (22120324) 370531.10
3809993.28 2.44405m (22120324)
370549.71 3809988.21 2.80997m (22120324) 370578.48
3809983.97 3.26835m (22120324)
370638.56 3809975.51 3.12584m (22120324) 370652.94
3809970.44 3.22146m (22120324)
370655.48 3809958.59 3.53563m (22120324) 370597.94
3809958.59 3.09275m (22120324)
370524.33 3809960.28 2.39218m (22120324) 370494.72
3809938.29 2.28527m (22120324)
370450.72 3809941.67 1.77445m (22120324) 370431.26
3809942.52 1.63449m (22120324)
370427.03 3809924.75 1.63805m (22120324) 370430.41
3809906.13 1.72501m (22120324)
370408.41 3809902.75 1.55907m (22120324) 370394.03
3809710.68 1.74415m (22120324)
370394.88 3809696.30 1.71827m (22120324) 370402.49

3809685.30   1.80867m (22120324)
        370426.18   3809701.38   2.51292m (22120324)   370426.18
3809625.23   1.84983m (22120324)
        370439.72   3809600.69   1.73544m (22120324)   370503.18
3809546.54   1.95262m (22120324)
        370698.63   3809431.47   2.55214m (22120324)   370715.55
3809438.24   3.15477m (22120324)
        370766.32   3809401.01   3.42751m (22120324)   370767.16
3809342.63   2.93733m (22120324)
        370734.16   3809307.09   2.04886m (22120324)   370739.24
3809271.55   1.80634m (22120324)
        370795.93   3809270.71   2.74965m (22120324)   370795.93
3809163.25   1.56254m (22120324)
        370797.62   3808929.73   0.95865m (22120324)   370806.93
3808880.65   0.90942m (22120324)
        370809.47   3808845.12   0.83961m (22120324)   370813.70
3808830.73   0.86952m (22120324)
        370789.16   3808796.89   0.61672m (23013024)   370801.01
3808766.43   0.67375m (23013024)
        370809.47   3808708.05   0.64289m (23013024)   370812.85
3808699.59   0.60988m (23013024)
        370848.39   3808709.74   0.71259 (20012724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
             **

                                                    DATE
                                        NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   3.56425m ON 22120324: AT (371003.70,
3809369.87,   500.00, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   74 Warning Message(s)
 A Total of   885 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   217 Calm Hours Identified

 A Total of   668 Missing Hours Identified (1.52 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   3146   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   3146   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732   1608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W732   3648   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W732   10512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
 CN W732   10536   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
 CN W732   10560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W732   10584   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2020031624
 CN W732   10992   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
 CN W732   11016   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
 CN W732   11112   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101624
 CN W732   15744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
 CN W732   16368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   16512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   16560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   16632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   16656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   16680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   17160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   17304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   17760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   17784   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   17808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   17832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   18096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   18120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   18144   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2021012524
 CN W732   19296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   19680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   19776   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   19872   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040724
 CN W732   21240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   23400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   24288   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
 CN W732   24312   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924
 CN W732   29520   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022051424
 CN W732   30240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022061324
 CN W732   31656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022081124
 CN W732   32352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022090924
 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111224
 CN W732   33912   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111324
 CN W732   33936   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111424
 CN W732   33960   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111524
 CN W732   34392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022120324
 CN W732   36120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021324
 CN W732   36192   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021624
 CN W732   36720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031024
 CN W732   36744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031124
 CN W732   36768   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031224
 CN W732   36864   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031624
 CN W732   37224   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023033124
 CN W732   37392   AVER: 24-hr avg, < 18 hours of data, calms policy used.

```
2023040724
 CN W732   37584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023041524
 CN W732   38400         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023051924
 CN W732   39744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023071424
 CN W732   41424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023092224
 CN W732   41976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023101524
 CN W732   42384         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110124
 CN W732   42408         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110224
 CN W732   42432         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110324
 CN W732   42456         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110424
 CN W732   42480         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110524
 CN W732   42504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110624
 CN W732   42528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110724
 CN W732   43248         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023120724
 CN W732   43704         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023122624

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.4 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCAROPM25-A.ERR

 **File for Summary of Results:   BELCAROPM25-A.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

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- - - -
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*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3
**

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.45438 AT (370655.48, 3809958.59, 495.91, 1482.08, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.43117 AT (370766.32, 3809401.01, 501.99, 1482.08, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.43070 AT (371003.70, 3809369.87, 500.00, 1482.08, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.41933 AT (370578.48, 3809983.97, 485.88, 1482.08, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.41362 AT (370573.98, 3809984.15, 485.46, 1482.08, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.41361 AT (370652.94, 3809970.44, 499.77, 1482.08, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.41068 AT (370628.50, 3809965.20, 495.27, 1482.08, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.40803 AT (370604.05, 3809959.96, 491.18, 1482.08, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.40573 AT (370597.94, 3809958.59, 490.68, 1482.08, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.39965 AT (370638.56, 3809975.51, 499.07, 1482.08, 0.00)	DC	

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   4 Warning Message(s)
A Total of   885 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   217 Calm Hours Identified

A Total of   668 Missing Hours Identified (1.52 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   3146   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   3146   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
20010101
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/6/2025
** FILE: C:BELCARO PM2.5-Annual\BELCAROPM25-A.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE PM2.5 Annual - DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID PM_2.5 Annual
   RUNORNOT RUN
   ERRORFIL BELCAROPM25-A.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0226796185
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
** 370830.422, 3808728.665, 529.89, 5.00, 4.65
** 370847.214, 3808830.193, 524.37, 5.00, 4.65
** 370831.913, 3808930.059, 515.94, 5.00, 4.65
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** 370830.165, 3808998.919, 513.74, 5.00, 4.65
** 370821.114, 3809267.159, 504.29, 5.00, 4.65
** 370880.927, 3809277.128, 508.42, 5.00, 4.65
** 370927.558, 3809336.314, 502.53, 5.00, 4.65
** 370986.745, 3809339.901, 504.54, 5.00, 4.65
** 370988.538, 3809384.740, 500.42, 5.00, 4.65
** 371162.511, 3809382.946, 501.79, 5.00, 4.65
** 371167.892, 3810017.857, 497.45, 5.00, 4.65
** 370748.205, 3809949.702, 493.47, 5.00, 4.65
** 370685.432, 3810021.444, 486.33, 5.00, 4.65
** 370631.626, 3810066.282, 482.61, 5.00, 4.65
** 370524.014, 3810066.282, 483.48, 5.00, 4.65
** 370260.364, 3810096.772, 486.06, 5.00, 4.65
** 370115.088, 3810141.610, 487.09, 5.00, 4.65
** 370028.999, 3810157.752, 483.28, 5.00, 4.65
** 369860.407, 3810087.804, 476.22, 5.00, 4.65
** 369869.374, 3810075.250, 476.34, 5.00, 4.65
** 370037.966, 3810139.817, 480.04, 5.00, 4.65
** 370222.700, 3810091.391, 499.32, 5.00, 4.65
** 370298.029, 3810069.869, 481.81, 5.00, 4.65
** 370425.369, 3810051.934, 482.82, 5.00, 4.65
** 370565.265, 3810046.553, 484.12, 5.00, 4.65
** 370559.884, 3809998.128, 485.47, 5.00, 4.65
** 370586.787, 3809994.541, 488.32, 5.00, 4.65
** 370593.961, 3810039.379, 484.02, 5.00, 4.65
** 370626.245, 3810035.792, 484.06, 5.00, 4.65
** 370620.864, 3809996.334, 493.27, 5.00, 4.65
** 370663.909, 3809994.541, 497.13, 5.00, 4.65
** 370681.844, 3809983.779, 499.84, 5.00, 4.65
** 370681.844, 3809933.561, 494.88, 5.00, 4.65
** 370507.872, 3809912.038, 486.77, 5.00, 4.65
** 370500.698, 3809856.439, 487.80, 5.00, 4.65
** 370428.956, 3809815.187, 488.34, 5.00, 4.65
** 370457.653, 3809626.867, 494.87, 5.00, 4.65
** 370667.496, 3809486.971, 499.03, 5.00, 4.65
** 370789.456, 3809406.262, 502.29, 5.00, 4.65
** 370787.663, 3809316.586, 503.57, 5.00, 4.65
** 370753.586, 3809298.650, 501.92, 5.00, 4.65
** 370766.140, 3809289.683, 502.30, 5.00, 4.65
** 370803.805, 3809291.476, 503.27, 5.00, 4.65
** 370852.230, 3809295.063, 505.40, 5.00, 4.65
** 370882.720, 3809305.824, 505.22, 5.00, 4.65
** 370907.830, 3809347.076, 502.83, 5.00, 4.65
** 370920.384, 3809366.804, 502.42, 5.00, 4.65
** 370954.461, 3809368.598, 501.45, 5.00, 4.65
** 370958.048, 3809413.436, 500.78, 5.00, 4.65
** 371130.228, 3809413.436, 499.93, 5.00, 4.65
** 371139.195, 3809989.160, 494.37, 5.00, 4.65
** 370749.999, 3809921.006, 498.94, 5.00, 4.65
** 370536.568, 3809892.309, 487.71, 5.00, 4.65

** 370534.775, 3809847.471, 489.08, 5.00, 4.65
** 370461.240, 3809797.252, 489.50, 5.00, 4.65
** 370479.175, 3809653.770, 493.03, 5.00, 4.65
** 370755.379, 3809467.242, 500.36, 5.00, 4.65
** 370805.598, 3809438.546, 502.21, 5.00, 4.65
** 370807.392, 3809345.282, 504.12, 5.00, 4.65
** 370818.153, 3809318.379, 504.37, 5.00, 4.65
** 370854.024, 3809323.760, 504.78, 5.00, 4.65
** 370895.275, 3809395.501, 502.95, 5.00, 4.65
** 370927.558, 3809443.926, 500.97, 5.00, 4.65
** 371090.770, 3809451.100, 497.60, 5.00, 4.65
** 371097.944, 3809958.670, 491.17, 5.00, 4.65
** 370581.407, 3809868.993, 488.64, 5.00, 4.65
** 370574.233, 3809825.949, 489.71, 5.00, 4.65
** 370506.078, 3809791.872, 489.93, 5.00, 4.65
** 370507.872, 3809687.847, 492.28, 5.00, 4.65
** 370520.427, 3809668.118, 492.61, 5.00, 4.65
** 370803.805, 3809492.352, 500.75, 5.00, 4.65
** 370841.469, 3809452.894, 501.45, 5.00, 4.65
** 370836.088, 3809382.946, 503.36, 5.00, 4.65
** 370862.991, 3809384.740, 503.24, 5.00, 4.65
** 370882.720, 3809456.481, 501.28, 5.00, 4.65
** 370920.384, 3809483.384, 499.58, 5.00, 4.65
** 371062.073, 3809483.384, 497.26, 5.00, 4.65
** 371047.725, 3809929.974, 489.71, 5.00, 4.65
** 370626.245, 3809849.265, 489.75, 5.00, 4.65
** 370610.103, 3809800.839, 490.45, 5.00, 4.65
** 370552.710, 3809770.349, 490.95, 5.00, 4.65
** 370549.123, 3809705.782, 491.62, 5.00, 4.65
** 370843.262, 3809521.048, 499.84, 5.00, 4.65
** 371022.616, 3809519.255, 497.20, 5.00, 4.65
** 371008.267, 3809886.929, 489.66, 5.00, 4.65
** 370685.432, 3809824.155, 490.58, 5.00, 4.65
** 370615.484, 3809759.588, 491.54, 5.00, 4.65
** 370595.755, 3809738.066, 492.11, 5.00, 4.65
** 370595.755, 3809718.337, 492.50, 5.00, 4.65
** 370846.849, 3809562.299, 498.22, 5.00, 4.65
** 370968.810, 3809562.299, 496.42, 5.00, 4.65
** 370967.016, 3809847.471, 489.75, 5.00, 4.65
** 370730.270, 3809800.839, 491.50, 5.00, 4.65
** 370660.322, 3809739.859, 492.81, 5.00, 4.65
** 370793.043, 3809643.008, 496.73, 5.00, 4.65
** 370888.101, 3809589.202, 497.29, 5.00, 4.65
** 370936.526, 3809589.202, 496.92, 5.00, 4.65
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** 370732.063, 3809747.033, 493.23, 5.00, 4.65
** 370735.650, 3809727.304, 493.24, 5.00, 4.65
** 370886.307, 3809628.660, 495.59, 5.00, 4.65
** 370902.449, 3809623.280, 496.61, 5.00, 4.65

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** 370902.449, 3809779.317, 491.67, 5.00, 4.65
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** 370875.546, 3809743.446, 493.05, 5.00, 4.65
** 370841.469, 3809743.446, 493.25, 5.00, 4.65
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   LOCATION L0000001     VOLUME   370831.238 3808733.598 529.62
   LOCATION L0000002     VOLUME   370832.869 3808743.464 529.09
   LOCATION L0000003     VOLUME   370834.501 3808753.330 528.55
   LOCATION L0000004     VOLUME   370836.133 3808763.196 528.01
   LOCATION L0000005     VOLUME   370837.765 3808773.062 527.48
   LOCATION L0000006     VOLUME   370839.396 3808782.927 526.94
   LOCATION L0000007     VOLUME   370841.028 3808792.793 526.40
   LOCATION L0000008     VOLUME   370842.660 3808802.659 525.87
   LOCATION L0000009     VOLUME   370844.291 3808812.525 525.33
   LOCATION L0000010     VOLUME   370845.923 3808822.391 524.79
   LOCATION L0000011     VOLUME   370846.897 3808832.261 524.20
   LOCATION L0000012     VOLUME   370845.382 3808842.146 523.36
   LOCATION L0000013     VOLUME   370843.868 3808852.031 522.53
   LOCATION L0000014     VOLUME   370842.353 3808861.915 521.69
   LOCATION L0000015     VOLUME   370840.839 3808871.800 520.86
   LOCATION L0000016     VOLUME   370839.325 3808881.685 520.02
   LOCATION L0000017     VOLUME   370837.810 3808891.569 519.19
   LOCATION L0000018     VOLUME   370836.296 3808901.454 518.35
   LOCATION L0000019     VOLUME   370834.781 3808911.339 517.52
   LOCATION L0000020     VOLUME   370833.267 3808921.223 516.69
   LOCATION L0000021     VOLUME   370831.886 3808931.120 515.91
   LOCATION L0000022     VOLUME   370831.632 3808941.117 515.59
   LOCATION L0000023     VOLUME   370831.379 3808951.113 515.27
   LOCATION L0000024     VOLUME   370831.125 3808961.110 514.95
   LOCATION L0000025     VOLUME   370830.871 3808971.107 514.63
   LOCATION L0000026     VOLUME   370830.617 3808981.104 514.31
   LOCATION L0000027     VOLUME   370830.364 3808991.100 513.99
   LOCATION L0000028     VOLUME   370830.092 3809001.097 513.66
   LOCATION L0000029     VOLUME   370829.755 3809011.091 513.31
   LOCATION L0000030     VOLUME   370829.417 3809021.085 512.96
   LOCATION L0000031     VOLUME   370829.080 3809031.080 512.61
   LOCATION L0000032     VOLUME   370828.743 3809041.074 512.25
   LOCATION L0000033     VOLUME   370828.406 3809051.068 511.90
   LOCATION L0000034     VOLUME   370828.068 3809061.063 511.55
   LOCATION L0000035     VOLUME   370827.731 3809071.057 511.20
   LOCATION L0000036     VOLUME   370827.394 3809081.051 510.85
   LOCATION L0000037     VOLUME   370827.057 3809091.045 510.49
   LOCATION L0000038     VOLUME   370826.720 3809101.040 510.14
   LOCATION L0000039     VOLUME   370826.382 3809111.034 509.79
   LOCATION L0000040     VOLUME   370826.045 3809121.028 509.44
   LOCATION L0000041     VOLUME   370825.708 3809131.023 509.09
   LOCATION L0000042     VOLUME   370825.371 3809141.017 508.73
   LOCATION L0000043     VOLUME   370825.033 3809151.011 508.38
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LOCATION L0000044 VOLUME 370824.696 3809161.006 508.03
LOCATION L0000045 VOLUME 370824.359 3809171.000 507.68
LOCATION L0000046 VOLUME 370824.022 3809180.994 507.33
LOCATION L0000047 VOLUME 370823.684 3809190.989 506.97
LOCATION L0000048 VOLUME 370823.347 3809200.983 506.62
LOCATION L0000049 VOLUME 370823.010 3809210.977 506.27
LOCATION L0000050 VOLUME 370822.673 3809220.972 505.92
LOCATION L0000051 VOLUME 370822.336 3809230.966 505.57
LOCATION L0000052 VOLUME 370821.998 3809240.960 505.21
LOCATION L0000053 VOLUME 370821.661 3809250.954 504.86
LOCATION L0000054 VOLUME 370821.324 3809260.949 504.51
LOCATION L0000055 VOLUME 370824.849 3809267.782 504.55
LOCATION L0000056 VOLUME 370834.713 3809269.426 505.23
LOCATION L0000057 VOLUME 370844.577 3809271.070 505.91
LOCATION L0000058 VOLUME 370854.441 3809272.714 506.59
LOCATION L0000059 VOLUME 370864.305 3809274.358 507.27
LOCATION L0000060 VOLUME 370874.169 3809276.002 507.95
LOCATION L0000061 VOLUME 370882.875 3809279.601 508.17
LOCATION L0000062 VOLUME 370889.064 3809287.456 507.39
LOCATION L0000063 VOLUME 370895.253 3809295.311 506.61
LOCATION L0000064 VOLUME 370901.441 3809303.166 505.83
LOCATION L0000065 VOLUME 370907.630 3809311.021 505.05
LOCATION L0000066 VOLUME 370913.819 3809318.876 504.27
LOCATION L0000067 VOLUME 370920.008 3809326.731 503.48
LOCATION L0000068 VOLUME 370926.196 3809334.586 502.70
LOCATION L0000069 VOLUME 370935.343 3809336.786 502.79
LOCATION L0000070 VOLUME 370945.325 3809337.391 503.13
LOCATION L0000071 VOLUME 370955.307 3809337.996 503.47
LOCATION L0000072 VOLUME 370965.288 3809338.601 503.81
LOCATION L0000073 VOLUME 370975.270 3809339.206 504.15
LOCATION L0000074 VOLUME 370985.252 3809339.811 504.49
LOCATION L0000075 VOLUME 370987.085 3809348.399 503.76
LOCATION L0000076 VOLUME 370987.485 3809358.391 502.84
LOCATION L0000077 VOLUME 370987.884 3809368.383 501.92
LOCATION L0000078 VOLUME 370988.284 3809378.375 501.00
LOCATION L0000079 VOLUME 370992.168 3809384.702 500.45
LOCATION L0000080 VOLUME 371002.168 3809384.599 500.53
LOCATION L0000081 VOLUME 371012.167 3809384.496 500.61
LOCATION L0000082 VOLUME 371022.167 3809384.393 500.68
LOCATION L0000083 VOLUME 371032.166 3809384.290 500.76
LOCATION L0000084 VOLUME 371042.165 3809384.187 500.84
LOCATION L0000085 VOLUME 371052.165 3809384.084 500.92
LOCATION L0000086 VOLUME 371062.164 3809383.981 501.00
LOCATION L0000087 VOLUME 371072.164 3809383.878 501.08
LOCATION L0000088 VOLUME 371082.163 3809383.775 501.16
LOCATION L0000089 VOLUME 371092.163 3809383.672 501.24
LOCATION L0000090 VOLUME 371102.162 3809383.568 501.31
LOCATION L0000091 VOLUME 371112.162 3809383.465 501.39
LOCATION L0000092 VOLUME 371122.161 3809383.362 501.47
LOCATION L0000093 VOLUME 371132.161 3809383.259 501.55

LOCATION L0000094 VOLUME 371142.160 3809383.156 501.63
LOCATION L0000095 VOLUME 371152.160 3809383.053 501.71
LOCATION L0000096 VOLUME 371162.159 3809382.950 501.79
LOCATION L0000097 VOLUME 371162.593 3809392.594 501.72
LOCATION L0000098 VOLUME 371162.678 3809402.594 501.66
LOCATION L0000099 VOLUME 371162.762 3809412.593 501.59
LOCATION L0000100 VOLUME 371162.847 3809422.593 501.52
LOCATION L0000101 VOLUME 371162.932 3809432.592 501.45
LOCATION L0000102 VOLUME 371163.017 3809442.592 501.38
LOCATION L0000103 VOLUME 371163.101 3809452.592 501.31
LOCATION L0000104 VOLUME 371163.186 3809462.591 501.25
LOCATION L0000105 VOLUME 371163.271 3809472.591 501.18
LOCATION L0000106 VOLUME 371163.356 3809482.591 501.11
LOCATION L0000107 VOLUME 371163.440 3809492.590 501.04
LOCATION L0000108 VOLUME 371163.525 3809502.590 500.97
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LOCATION L0000110 VOLUME 371163.694 3809522.589 500.84
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LOCATION L0000112 VOLUME 371163.864 3809542.588 500.70
LOCATION L0000113 VOLUME 371163.949 3809552.588 500.63
LOCATION L0000114 VOLUME 371164.033 3809562.588 500.56
LOCATION L0000115 VOLUME 371164.118 3809572.587 500.49
LOCATION L0000116 VOLUME 371164.203 3809582.587 500.43
LOCATION L0000117 VOLUME 371164.288 3809592.587 500.36
LOCATION L0000118 VOLUME 371164.372 3809602.586 500.29
LOCATION L0000119 VOLUME 371164.457 3809612.586 500.22
LOCATION L0000120 VOLUME 371164.542 3809622.586 500.15
LOCATION L0000121 VOLUME 371164.627 3809632.585 500.08
LOCATION L0000122 VOLUME 371164.711 3809642.585 500.02
LOCATION L0000123 VOLUME 371164.796 3809652.585 499.95
LOCATION L0000124 VOLUME 371164.881 3809662.584 499.88
LOCATION L0000125 VOLUME 371164.966 3809672.584 499.81
LOCATION L0000126 VOLUME 371165.050 3809682.583 499.74
LOCATION L0000127 VOLUME 371165.135 3809692.583 499.67
LOCATION L0000128 VOLUME 371165.220 3809702.583 499.61
LOCATION L0000129 VOLUME 371165.305 3809712.582 499.54
LOCATION L0000130 VOLUME 371165.389 3809722.582 499.47
LOCATION L0000131 VOLUME 371165.474 3809732.582 499.40
LOCATION L0000132 VOLUME 371165.559 3809742.581 499.33
LOCATION L0000133 VOLUME 371165.644 3809752.581 499.26
LOCATION L0000134 VOLUME 371165.728 3809762.581 499.19
LOCATION L0000135 VOLUME 371165.813 3809772.580 499.13
LOCATION L0000136 VOLUME 371165.898 3809782.580 499.06
LOCATION L0000137 VOLUME 371165.983 3809792.580 498.99
LOCATION L0000138 VOLUME 371166.067 3809802.579 498.92
LOCATION L0000139 VOLUME 371166.152 3809812.579 498.85
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** SOURCE PARAMETERS **
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SRCPARAM L0001446     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001447     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001448     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001449     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001450     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001451     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001452     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001453     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001454     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001455     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001456     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001457     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001458     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001459     0.0000153241      5.00      4.65      4.65
SRCPARAM L0001460     0.0000153241      5.00      4.65      4.65
```

```
   SRCPARAM L0001461     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001462     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001463     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001464     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001465     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001466     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001467     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001468     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001469     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001470     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001471     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001472     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001473     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001474     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001475     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001476     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001477     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001478     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001479     0.0000153241      5.00      4.65      4.65
   SRCPARAM L0001480     0.0000153241      5.00      4.65      4.65
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED BELCAROPM25-A.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.SFC
   PROFFILE ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
```

```
**************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL BELCAROPM25-A.AD\AN00GALL.PLT 31
   SUMMFILE BELCAROPM25-A.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3146       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
```

```
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1480 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.15324E-04	370831.2	3808733.6	529.6	5.00	4.65	4.65	YES		NO
L0000002	0	0.15324E-04	370832.9	3808743.5	529.1	5.00	4.65	4.65	YES		NO
L0000003	0	0.15324E-04	370834.5	3808753.3	528.5	5.00	4.65	4.65	YES		NO
L0000004	0	0.15324E-04	370836.1	3808763.2	528.0	5.00	4.65	4.65	YES		NO
L0000005	0	0.15324E-04	370837.8	3808773.1	527.5	5.00	4.65	4.65	YES		NO
L0000006	0	0.15324E-04	370839.4	3808782.9	526.9	5.00	4.65	4.65	YES		NO
L0000007	0	0.15324E-04	370841.0	3808792.8	526.4	5.00	4.65				

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4.65     YES                    NO
 L0000008         0   0.15324E-04  370842.7 3808802.7   525.9     5.00     4.65
4.65     YES                    NO
 L0000009         0   0.15324E-04  370844.3 3808812.5   525.3     5.00     4.65
4.65     YES                    NO
 L0000010         0   0.15324E-04  370845.9 3808822.4   524.8     5.00     4.65
4.65     YES                    NO
 L0000011         0   0.15324E-04  370846.9 3808832.3   524.2     5.00     4.65
4.65     YES                    NO
 L0000012         0   0.15324E-04  370845.4 3808842.1   523.4     5.00     4.65
4.65     YES                    NO
 L0000013         0   0.15324E-04  370843.9 3808852.0   522.5     5.00     4.65
4.65     YES                    NO
 L0000014         0   0.15324E-04  370842.4 3808861.9   521.7     5.00     4.65
4.65     YES                    NO
 L0000015         0   0.15324E-04  370840.8 3808871.8   520.9     5.00     4.65
4.65     YES                    NO
 L0000016         0   0.15324E-04  370839.3 3808881.7   520.0     5.00     4.65
4.65     YES                    NO
 L0000017         0   0.15324E-04  370837.8 3808891.6   519.2     5.00     4.65
4.65     YES                    NO
 L0000018         0   0.15324E-04  370836.3 3808901.5   518.3     5.00     4.65
4.65     YES                    NO
 L0000019         0   0.15324E-04  370834.8 3808911.3   517.5     5.00     4.65
4.65     YES                    NO
 L0000020         0   0.15324E-04  370833.3 3808921.2   516.7     5.00     4.65
4.65     YES                    NO
 L0000021         0   0.15324E-04  370831.9 3808931.1   515.9     5.00     4.65
4.65     YES                    NO
 L0000022         0   0.15324E-04  370831.6 3808941.1   515.6     5.00     4.65
4.65     YES                    NO
 L0000023         0   0.15324E-04  370831.4 3808951.1   515.3     5.00     4.65
4.65     YES                    NO
 L0000024         0   0.15324E-04  370831.1 3808961.1   514.9     5.00     4.65
4.65     YES                    NO
 L0000025         0   0.15324E-04  370830.9 3808971.1   514.6     5.00     4.65
4.65     YES                    NO
 L0000026         0   0.15324E-04  370830.6 3808981.1   514.3     5.00     4.65
4.65     YES                    NO
 L0000027         0   0.15324E-04  370830.4 3808991.1   514.0     5.00     4.65
4.65     YES                    NO
 L0000028         0   0.15324E-04  370830.1 3809001.1   513.7     5.00     4.65
4.65     YES                    NO
 L0000029         0   0.15324E-04  370829.8 3809011.1   513.3     5.00     4.65
4.65     YES                    NO
 L0000030         0   0.15324E-04  370829.4 3809021.1   513.0     5.00     4.65
4.65     YES                    NO
 L0000031         0   0.15324E-04  370829.1 3809031.1   512.6     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.15324E-04  370828.7 3809041.1   512.2     5.00     4.65
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000041	0	0.15324E-04	370825.7	3809131.0	509.1	5.00	4.65	4.65	YES	NO	
L0000042	0	0.15324E-04	370825.4	3809141.0	508.7	5.00	4.65	4.65	YES	NO	
L0000043	0	0.15324E-04	370825.0	3809151.0	508.4	5.00	4.65	4.65	YES	NO	
L0000044	0	0.15324E-04	370824.7	3809161.0	508.0	5.00	4.65	4.65	YES	NO	
L0000045	0	0.15324E-04	370824.4	3809171.0	507.7	5.00	4.65	4.65	YES	NO	
L0000046	0	0.15324E-04	370824.0	3809181.0	507.3	5.00	4.65	4.65	YES	NO	
L0000047	0	0.15324E-04	370823.7	3809191.0	507.0	5.00	4.65				

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4.65     YES                    NO
 L0000048         0   0.15324E-04  370823.3 3809201.0   506.6     5.00     4.65
4.65     YES                    NO
 L0000049         0   0.15324E-04  370823.0 3809211.0   506.3     5.00     4.65
4.65     YES                    NO
 L0000050         0   0.15324E-04  370822.7 3809221.0   505.9     5.00     4.65
4.65     YES                    NO
 L0000051         0   0.15324E-04  370822.3 3809231.0   505.6     5.00     4.65
4.65     YES                    NO
 L0000052         0   0.15324E-04  370822.0 3809241.0   505.2     5.00     4.65
4.65     YES                    NO
 L0000053         0   0.15324E-04  370821.7 3809251.0   504.9     5.00     4.65
4.65     YES                    NO
 L0000054         0   0.15324E-04  370821.3 3809260.9   504.5     5.00     4.65
4.65     YES                    NO
 L0000055         0   0.15324E-04  370824.8 3809267.8   504.6     5.00     4.65
4.65     YES                    NO
 L0000056         0   0.15324E-04  370834.7 3809269.4   505.2     5.00     4.65
4.65     YES                    NO
 L0000057         0   0.15324E-04  370844.6 3809271.1   505.9     5.00     4.65
4.65     YES                    NO
 L0000058         0   0.15324E-04  370854.4 3809272.7   506.6     5.00     4.65
4.65     YES                    NO
 L0000059         0   0.15324E-04  370864.3 3809274.4   507.3     5.00     4.65
4.65     YES                    NO
 L0000060         0   0.15324E-04  370874.2 3809276.0   507.9     5.00     4.65
4.65     YES                    NO
 L0000061         0   0.15324E-04  370882.9 3809279.6   508.2     5.00     4.65
4.65     YES                    NO
 L0000062         0   0.15324E-04  370889.1 3809287.5   507.4     5.00     4.65
4.65     YES                    NO
 L0000063         0   0.15324E-04  370895.3 3809295.3   506.6     5.00     4.65
4.65     YES                    NO
 L0000064         0   0.15324E-04  370901.4 3809303.2   505.8     5.00     4.65
4.65     YES                    NO
 L0000065         0   0.15324E-04  370907.6 3809311.0   505.1     5.00     4.65
4.65     YES                    NO
 L0000066         0   0.15324E-04  370913.8 3809318.9   504.3     5.00     4.65
4.65     YES                    NO
 L0000067         0   0.15324E-04  370920.0 3809326.7   503.5     5.00     4.65
4.65     YES                    NO
 L0000068         0   0.15324E-04  370926.2 3809334.6   502.7     5.00     4.65
4.65     YES                    NO
 L0000069         0   0.15324E-04  370935.3 3809336.8   502.8     5.00     4.65
4.65     YES                    NO
 L0000070         0   0.15324E-04  370945.3 3809337.4   503.1     5.00     4.65
4.65     YES                    NO
 L0000071         0   0.15324E-04  370955.3 3809338.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000072         0   0.15324E-04  370965.3 3809338.6   503.8     5.00     4.65
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4.65 YES NO
L0000073 0 0.15324E-04 370975.3 3809339.2 504.2 5.00 4.65
4.65 YES NO
L0000074 0 0.15324E-04 370985.3 3809339.8 504.5 5.00 4.65
4.65 YES NO
L0000075 0 0.15324E-04 370987.1 3809348.4 503.8 5.00 4.65
4.65 YES NO
L0000076 0 0.15324E-04 370987.5 3809358.4 502.8 5.00 4.65
4.65 YES NO
L0000077 0 0.15324E-04 370987.9 3809368.4 501.9 5.00 4.65
4.65 YES NO
L0000078 0 0.15324E-04 370988.3 3809378.4 501.0 5.00 4.65
4.65 YES NO
L0000079 0 0.15324E-04 370992.2 3809384.7 500.4 5.00 4.65
4.65 YES NO
L0000080 0 0.15324E-04 371002.2 3809384.6 500.5 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.15324E-04	371012.2	3809384.5	500.6	5.00	4.65	4.65	YES	NO	
L0000082	0	0.15324E-04	371022.2	3809384.4	500.7	5.00	4.65	4.65	YES	NO	
L0000083	0	0.15324E-04	371032.2	3809384.3	500.8	5.00	4.65	4.65	YES	NO	
L0000084	0	0.15324E-04	371042.2	3809384.2	500.8	5.00	4.65	4.65	YES	NO	
L0000085	0	0.15324E-04	371052.2	3809384.1	500.9	5.00	4.65	4.65	YES	NO	
L0000086	0	0.15324E-04	371062.2	3809384.0	501.0	5.00	4.65	4.65	YES	NO	
L0000087	0	0.15324E-04	371072.2	3809383.9	501.1	5.00	4.65				

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4.65     YES                  NO
 L0000088         0   0.15324E-04  371082.2 3809383.8   501.2     5.00     4.65
4.65     YES                  NO
 L0000089         0   0.15324E-04  371092.2 3809383.7   501.2     5.00     4.65
4.65     YES                  NO
 L0000090         0   0.15324E-04  371102.2 3809383.6   501.3     5.00     4.65
4.65     YES                  NO
 L0000091         0   0.15324E-04  371112.2 3809383.5   501.4     5.00     4.65
4.65     YES                  NO
 L0000092         0   0.15324E-04  371122.2 3809383.4   501.5     5.00     4.65
4.65     YES                  NO
 L0000093         0   0.15324E-04  371132.2 3809383.3   501.6     5.00     4.65
4.65     YES                  NO
 L0000094         0   0.15324E-04  371142.2 3809383.2   501.6     5.00     4.65
4.65     YES                  NO
 L0000095         0   0.15324E-04  371152.2 3809383.1   501.7     5.00     4.65
4.65     YES                  NO
 L0000096         0   0.15324E-04  371162.2 3809382.9   501.8     5.00     4.65
4.65     YES                  NO
 L0000097         0   0.15324E-04  371162.6 3809392.6   501.7     5.00     4.65
4.65     YES                  NO
 L0000098         0   0.15324E-04  371162.7 3809402.6   501.7     5.00     4.65
4.65     YES                  NO
 L0000099         0   0.15324E-04  371162.8 3809412.6   501.6     5.00     4.65
4.65     YES                  NO
 L0000100         0   0.15324E-04  371162.8 3809422.6   501.5     5.00     4.65
4.65     YES                  NO
 L0000101         0   0.15324E-04  371162.9 3809432.6   501.4     5.00     4.65
4.65     YES                  NO
 L0000102         0   0.15324E-04  371163.0 3809442.6   501.4     5.00     4.65
4.65     YES                  NO
 L0000103         0   0.15324E-04  371163.1 3809452.6   501.3     5.00     4.65
4.65     YES                  NO
 L0000104         0   0.15324E-04  371163.2 3809462.6   501.2     5.00     4.65
4.65     YES                  NO
 L0000105         0   0.15324E-04  371163.3 3809472.6   501.2     5.00     4.65
4.65     YES                  NO
 L0000106         0   0.15324E-04  371163.4 3809482.6   501.1     5.00     4.65
4.65     YES                  NO
 L0000107         0   0.15324E-04  371163.4 3809492.6   501.0     5.00     4.65
4.65     YES                  NO
 L0000108         0   0.15324E-04  371163.5 3809502.6   501.0     5.00     4.65
4.65     YES                  NO
 L0000109         0   0.15324E-04  371163.6 3809512.6   500.9     5.00     4.65
4.65     YES                  NO
 L0000110         0   0.15324E-04  371163.7 3809522.6   500.8     5.00     4.65
4.65     YES                  NO
 L0000111         0   0.15324E-04  371163.8 3809532.6   500.8     5.00     4.65
4.65     YES                  NO
 L0000112         0   0.15324E-04  371163.9 3809542.6   500.7     5.00     4.65
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4.65 YES NO
L0000113 0 0.15324E-04 371163.9 3809552.6 500.6 5.00 4.65
4.65 YES NO
L0000114 0 0.15324E-04 371164.0 3809562.6 500.6 5.00 4.65
4.65 YES NO
L0000115 0 0.15324E-04 371164.1 3809572.6 500.5 5.00 4.65
4.65 YES NO
L0000116 0 0.15324E-04 371164.2 3809582.6 500.4 5.00 4.65
4.65 YES NO
L0000117 0 0.15324E-04 371164.3 3809592.6 500.4 5.00 4.65
4.65 YES NO
L0000118 0 0.15324E-04 371164.4 3809602.6 500.3 5.00 4.65
4.65 YES NO
L0000119 0 0.15324E-04 371164.5 3809612.6 500.2 5.00 4.65
4.65 YES NO
L0000120 0 0.15324E-04 371164.5 3809622.6 500.2 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.15324E-04	371164.6	3809632.6	500.1	5.00	4.65	4.65	YES	NO	
L0000122	0	0.15324E-04	371164.7	3809642.6	500.0	5.00	4.65	4.65	YES	NO	
L0000123	0	0.15324E-04	371164.8	3809652.6	499.9	5.00	4.65	4.65	YES	NO	
L0000124	0	0.15324E-04	371164.9	3809662.6	499.9	5.00	4.65	4.65	YES	NO	
L0000125	0	0.15324E-04	371165.0	3809672.6	499.8	5.00	4.65	4.65	YES	NO	
L0000126	0	0.15324E-04	371165.0	3809682.6	499.7	5.00	4.65	4.65	YES	NO	
L0000127	0	0.15324E-04	371165.1	3809692.6	499.7	5.00	4.65				

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4.65     YES                    NO
 L0000128         0   0.15324E-04  371165.2 3809702.6   499.6     5.00     4.65
4.65     YES                    NO
 L0000129         0   0.15324E-04  371165.3 3809712.6   499.5     5.00     4.65
4.65     YES                    NO
 L0000130         0   0.15324E-04  371165.4 3809722.6   499.5     5.00     4.65
4.65     YES                    NO
 L0000131         0   0.15324E-04  371165.5 3809732.6   499.4     5.00     4.65
4.65     YES                    NO
 L0000132         0   0.15324E-04  371165.6 3809742.6   499.3     5.00     4.65
4.65     YES                    NO
 L0000133         0   0.15324E-04  371165.6 3809752.6   499.3     5.00     4.65
4.65     YES                    NO
 L0000134         0   0.15324E-04  371165.7 3809762.6   499.2     5.00     4.65
4.65     YES                    NO
 L0000135         0   0.15324E-04  371165.8 3809772.6   499.1     5.00     4.65
4.65     YES                    NO
 L0000136         0   0.15324E-04  371165.9 3809782.6   499.1     5.00     4.65
4.65     YES                    NO
 L0000137         0   0.15324E-04  371166.0 3809792.6   499.0     5.00     4.65
4.65     YES                    NO
 L0000138         0   0.15324E-04  371166.1 3809802.6   498.9     5.00     4.65
4.65     YES                    NO
 L0000139         0   0.15324E-04  371166.2 3809812.6   498.9     5.00     4.65
4.65     YES                    NO
 L0000140         0   0.15324E-04  371166.2 3809822.6   498.8     5.00     4.65
4.65     YES                    NO
 L0000141         0   0.15324E-04  371166.3 3809832.6   498.7     5.00     4.65
4.65     YES                    NO
 L0000142         0   0.15324E-04  371166.4 3809842.6   498.7     5.00     4.65
4.65     YES                    NO
 L0000143         0   0.15324E-04  371166.5 3809852.6   498.6     5.00     4.65
4.65     YES                    NO
 L0000144         0   0.15324E-04  371166.6 3809862.6   498.5     5.00     4.65
4.65     YES                    NO
 L0000145         0   0.15324E-04  371166.7 3809872.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000146         0   0.15324E-04  371166.7 3809882.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000147         0   0.15324E-04  371166.8 3809892.6   498.3     5.00     4.65
4.65     YES                    NO
 L0000148         0   0.15324E-04  371166.9 3809902.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000149         0   0.15324E-04  371167.0 3809912.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000150         0   0.15324E-04  371167.1 3809922.6   498.1     5.00     4.65
4.65     YES                    NO
 L0000151         0   0.15324E-04  371167.2 3809932.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000152         0   0.15324E-04  371167.3 3809942.6   498.0     5.00     4.65
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4.65 YES NO
L0000153 0 0.15324E-04 371167.3 3809952.6 497.9 5.00 4.65
4.65 YES NO
L0000154 0 0.15324E-04 371167.4 3809962.6 497.8 5.00 4.65
4.65 YES NO
L0000155 0 0.15324E-04 371167.5 3809972.6 497.8 5.00 4.65
4.65 YES NO
L0000156 0 0.15324E-04 371167.6 3809982.6 497.7 5.00 4.65
4.65 YES NO
L0000157 0 0.15324E-04 371167.7 3809992.6 497.6 5.00 4.65
4.65 YES NO
L0000158 0 0.15324E-04 371167.8 3810002.6 497.6 5.00 4.65
4.65 YES NO
L0000159 0 0.15324E-04 371167.8 3810012.6 497.5 5.00 4.65
4.65 YES NO
L0000160 0 0.15324E-04 371163.2 3810017.1 497.4 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.15324E-04	371153.4	3810015.5	497.3	5.00	4.65	4.65	YES	NO	
L0000162	0	0.15324E-04	371143.5	3810013.9	497.2	5.00	4.65	4.65	YES	NO	
L0000163	0	0.15324E-04	371133.6	3810012.3	497.1	5.00	4.65	4.65	YES	NO	
L0000164	0	0.15324E-04	371123.8	3810010.7	497.0	5.00	4.65	4.65	YES	NO	
L0000165	0	0.15324E-04	371113.9	3810009.1	496.9	5.00	4.65	4.65	YES	NO	
L0000166	0	0.15324E-04	371104.0	3810007.5	496.8	5.00	4.65	4.65	YES	NO	
L0000167	0	0.15324E-04	371094.1	3810005.9	496.8	5.00	4.65				

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4.65     YES                    NO
 L0000168         0   0.15324E-04  371084.3 3810004.3   496.7     5.00     4.65
4.65     YES                    NO
 L0000169         0   0.15324E-04  371074.4 3810002.7   496.6     5.00     4.65
4.65     YES                    NO
 L0000170         0   0.15324E-04  371064.5 3810001.1   496.5     5.00     4.65
4.65     YES                    NO
 L0000171         0   0.15324E-04  371054.7 3809999.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000172         0   0.15324E-04  371044.8 3809997.9   496.3     5.00     4.65
4.65     YES                    NO
 L0000173         0   0.15324E-04  371034.9 3809996.3   496.2     5.00     4.65
4.65     YES                    NO
 L0000174         0   0.15324E-04  371025.0 3809994.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000175         0   0.15324E-04  371015.2 3809993.1   496.0     5.00     4.65
4.65     YES                    NO
 L0000176         0   0.15324E-04  371005.3 3809991.5   495.9     5.00     4.65
4.65     YES                    NO
 L0000177         0   0.15324E-04  370995.4 3809989.9   495.8     5.00     4.65
4.65     YES                    NO
 L0000178         0   0.15324E-04  370985.6 3809988.2   495.7     5.00     4.65
4.65     YES                    NO
 L0000179         0   0.15324E-04  370975.7 3809986.6   495.6     5.00     4.65
4.65     YES                    NO
 L0000180         0   0.15324E-04  370965.8 3809985.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000181         0   0.15324E-04  370956.0 3809983.4   495.4     5.00     4.65
4.65     YES                    NO
 L0000182         0   0.15324E-04  370946.1 3809981.8   495.4     5.00     4.65
4.65     YES                    NO
 L0000183         0   0.15324E-04  370936.2 3809980.2   495.2     5.00     4.65
4.65     YES                    NO
 L0000184         0   0.15324E-04  370926.3 3809978.6   495.2     5.00     4.65
4.65     YES                    NO
 L0000185         0   0.15324E-04  370916.5 3809977.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000186         0   0.15324E-04  370906.6 3809975.4   495.0     5.00     4.65
4.65     YES                    NO
 L0000187         0   0.15324E-04  370896.7 3809973.8   494.9     5.00     4.65
4.65     YES                    NO
 L0000188         0   0.15324E-04  370886.9 3809972.2   494.8     5.00     4.65
4.65     YES                    NO
 L0000189         0   0.15324E-04  370877.0 3809970.6   494.7     5.00     4.65
4.65     YES                    NO
 L0000190         0   0.15324E-04  370867.1 3809969.0   494.6     5.00     4.65
4.65     YES                    NO
 L0000191         0   0.15324E-04  370857.2 3809967.4   494.5     5.00     4.65
4.65     YES                    NO
 L0000192         0   0.15324E-04  370847.4 3809965.8   494.4     5.00     4.65
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.15324E-04	370758.5	3809951.4	493.6	5.00	4.65	4.65	YES	NO	
L0000202	0	0.15324E-04	370748.7	3809949.8	493.5	5.00	4.65	4.65	YES	NO	
L0000203	0	0.15324E-04	370741.9	3809956.9	492.8	5.00	4.65	4.65	YES	NO	
L0000204	0	0.15324E-04	370735.3	3809964.4	492.0	5.00	4.65	4.65	YES	NO	
L0000205	0	0.15324E-04	370728.8	3809971.9	491.3	5.00	4.65	4.65	YES	NO	
L0000206	0	0.15324E-04	370722.2	3809979.5	490.5	5.00	4.65	4.65	YES	NO	
L0000207	0	0.15324E-04	370715.6	3809987.0	489.8	5.00	4.65				

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4.65     YES                    NO
 L0000208         0   0.15324E-04  370709.0 3809994.5   489.0     5.00     4.65
4.65     YES                    NO
 L0000209         0   0.15324E-04  370702.4 3810002.0   488.3     5.00     4.65
4.65     YES                    NO
 L0000210         0   0.15324E-04  370695.8 3810009.6   487.5     5.00     4.65
4.65     YES                    NO
 L0000211         0   0.15324E-04  370689.2 3810017.1   486.8     5.00     4.65
4.65     YES                    NO
 L0000212         0   0.15324E-04  370682.2 3810024.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000213         0   0.15324E-04  370674.5 3810030.5   485.6     5.00     4.65
4.65     YES                    NO
 L0000214         0   0.15324E-04  370666.8 3810036.9   485.0     5.00     4.65
4.65     YES                    NO
 L0000215         0   0.15324E-04  370659.2 3810043.3   484.5     5.00     4.65
4.65     YES                    NO
 L0000216         0   0.15324E-04  370651.5 3810049.7   484.0     5.00     4.65
4.65     YES                    NO
 L0000217         0   0.15324E-04  370643.8 3810056.1   483.4     5.00     4.65
4.65     YES                    NO
 L0000218         0   0.15324E-04  370636.1 3810062.5   482.9     5.00     4.65
4.65     YES                    NO
 L0000219         0   0.15324E-04  370627.5 3810066.3   482.6     5.00     4.65
4.65     YES                    NO
 L0000220         0   0.15324E-04  370617.5 3810066.3   482.7     5.00     4.65
4.65     YES                    NO
 L0000221         0   0.15324E-04  370607.5 3810066.3   482.8     5.00     4.65
4.65     YES                    NO
 L0000222         0   0.15324E-04  370597.5 3810066.3   482.9     5.00     4.65
4.65     YES                    NO
 L0000223         0   0.15324E-04  370587.5 3810066.3   483.0     5.00     4.65
4.65     YES                    NO
 L0000224         0   0.15324E-04  370577.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000225         0   0.15324E-04  370567.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.15324E-04  370557.5 3810066.3   483.2     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.15324E-04  370547.5 3810066.3   483.3     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.15324E-04  370537.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.15324E-04  370527.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.15324E-04  370517.5 3810067.0   483.5     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.15324E-04  370507.6 3810068.2   483.6     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.15324E-04  370497.6 3810069.3   483.7     5.00     4.65
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4.65   YES   NO
 L0000233   0   0.15324E-04 370487.7 3810070.5   483.8   5.00   4.65
4.65   YES   NO
 L0000234   0   0.15324E-04 370477.8 3810071.6   483.9   5.00   4.65
4.65   YES   NO
 L0000235   0   0.15324E-04 370467.8 3810072.8   484.0   5.00   4.65
4.65   YES   NO
 L0000236   0   0.15324E-04 370457.9 3810073.9   484.1   5.00   4.65
4.65   YES   NO
 L0000237   0   0.15324E-04 370448.0 3810075.1   484.2   5.00   4.65
4.65   YES   NO
 L0000238   0   0.15324E-04 370438.0 3810076.2   484.3   5.00   4.65
4.65   YES   NO
 L0000239   0   0.15324E-04 370428.1 3810077.4   484.4   5.00   4.65
4.65   YES   NO
 L0000240   0   0.15324E-04 370418.2 3810078.5   484.5   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000248         0   0.15324E-04  370338.7 3810087.7   485.3     5.00     4.65
4.65     YES                    NO
 L0000249         0   0.15324E-04  370328.8 3810088.9   485.4     5.00     4.65
4.65     YES                    NO
 L0000250         0   0.15324E-04  370318.8 3810090.0   485.5     5.00     4.65
4.65     YES                    NO
 L0000251         0   0.15324E-04  370308.9 3810091.2   485.6     5.00     4.65
4.65     YES                    NO
 L0000252         0   0.15324E-04  370299.0 3810092.3   485.7     5.00     4.65
4.65     YES                    NO
 L0000253         0   0.15324E-04  370289.0 3810093.5   485.8     5.00     4.65
4.65     YES                    NO
 L0000254         0   0.15324E-04  370279.1 3810094.6   485.9     5.00     4.65
4.65     YES                    NO
 L0000255         0   0.15324E-04  370269.2 3810095.8   486.0     5.00     4.65
4.65     YES                    NO
 L0000256         0   0.15324E-04  370259.3 3810097.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000257         0   0.15324E-04  370249.7 3810100.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000258         0   0.15324E-04  370240.2 3810103.0   486.2     5.00     4.65
4.65     YES                    NO
 L0000259         0   0.15324E-04  370230.6 3810106.0   486.3     5.00     4.65
4.65     YES                    NO
 L0000260         0   0.15324E-04  370221.0 3810108.9   486.3     5.00     4.65
4.65     YES                    NO
 L0000261         0   0.15324E-04  370211.5 3810111.9   486.4     5.00     4.65
4.65     YES                    NO
 L0000262         0   0.15324E-04  370201.9 3810114.8   486.5     5.00     4.65
4.65     YES                    NO
 L0000263         0   0.15324E-04  370192.4 3810117.8   486.5     5.00     4.65
4.65     YES                    NO
 L0000264         0   0.15324E-04  370182.8 3810120.7   486.6     5.00     4.65
4.65     YES                    NO
 L0000265         0   0.15324E-04  370173.3 3810123.7   486.7     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.15324E-04  370163.7 3810126.6   486.8     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.15324E-04  370154.2 3810129.5   486.8     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.15324E-04  370144.6 3810132.5   486.9     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.15324E-04  370135.1 3810135.4   486.9     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.15324E-04  370125.5 3810138.4   487.0     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.15324E-04  370115.9 3810141.3   487.1     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.15324E-04  370106.1 3810143.3   486.7     5.00     4.65
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4.65   YES   NO
 L0000273   0   0.15324E-04 370096.3 3810145.1   486.3   5.00   4.65
4.65   YES   NO
 L0000274   0   0.15324E-04 370086.5 3810147.0   485.8   5.00   4.65
4.65   YES   NO
 L0000275   0   0.15324E-04 370076.7 3810148.8   485.4   5.00   4.65
4.65   YES   NO
 L0000276   0   0.15324E-04 370066.8 3810150.7   484.9   5.00   4.65
4.65   YES   NO
 L0000277   0   0.15324E-04 370057.0 3810152.5   484.5   5.00   4.65
4.65   YES   NO
 L0000278   0   0.15324E-04 370047.2 3810154.3   484.1   5.00   4.65
4.65   YES   NO
 L0000279   0   0.15324E-04 370037.3 3810156.2   483.7   5.00   4.65
4.65   YES   NO
 L0000280   0   0.15324E-04 370027.6 3810157.2   483.2   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000288         0   0.15324E-04  369953.7 3810126.5   480.1     5.00     4.65
4.65     YES                    NO
 L0000289         0   0.15324E-04  369944.5 3810122.7   479.7     5.00     4.65
4.65     YES                    NO
 L0000290         0   0.15324E-04  369935.2 3810118.8   479.4     5.00     4.65
4.65     YES                    NO
 L0000291         0   0.15324E-04  369926.0 3810115.0   479.0     5.00     4.65
4.65     YES                    NO
 L0000292         0   0.15324E-04  369916.8 3810111.2   478.6     5.00     4.65
4.65     YES                    NO
 L0000293         0   0.15324E-04  369907.5 3810107.4   478.2     5.00     4.65
4.65     YES                    NO
 L0000294         0   0.15324E-04  369898.3 3810103.5   477.8     5.00     4.65
4.65     YES                    NO
 L0000295         0   0.15324E-04  369889.0 3810099.7   477.4     5.00     4.65
4.65     YES                    NO
 L0000296         0   0.15324E-04  369879.8 3810095.9   477.0     5.00     4.65
4.65     YES                    NO
 L0000297         0   0.15324E-04  369870.6 3810092.0   476.7     5.00     4.65
4.65     YES                    NO
 L0000298         0   0.15324E-04  369861.3 3810088.2   476.3     5.00     4.65
4.65     YES                    NO
 L0000299         0   0.15324E-04  369865.6 3810080.5   476.3     5.00     4.65
4.65     YES                    NO
 L0000300         0   0.15324E-04  369872.7 3810076.5   476.4     5.00     4.65
4.65     YES                    NO
 L0000301         0   0.15324E-04  369882.0 3810080.1   476.6     5.00     4.65
4.65     YES                    NO
 L0000302         0   0.15324E-04  369891.4 3810083.7   476.8     5.00     4.65
4.65     YES                    NO
 L0000303         0   0.15324E-04  369900.7 3810087.3   477.0     5.00     4.65
4.65     YES                    NO
 L0000304         0   0.15324E-04  369910.1 3810090.8   477.2     5.00     4.65
4.65     YES                    NO
 L0000305         0   0.15324E-04  369919.4 3810094.4   477.4     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.15324E-04  369928.7 3810098.0   477.6     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.15324E-04  369938.1 3810101.6   477.9     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.15324E-04  369947.4 3810105.1   478.1     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.15324E-04  369956.7 3810108.7   478.3     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.15324E-04  369966.1 3810112.3   478.5     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.15324E-04  369975.4 3810115.9   478.7     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.15324E-04  369984.8 3810119.4   478.9     5.00     4.65
```

4.65 YES NO
L0000313 0 0.15324E-04 369994.1 3810123.0 479.1 5.00 4.65
4.65 YES NO
L0000314 0 0.15324E-04 370003.4 3810126.6 479.3 5.00 4.65
4.65 YES NO
L0000315 0 0.15324E-04 370012.8 3810130.2 479.5 5.00 4.65
4.65 YES NO
L0000316 0 0.15324E-04 370022.1 3810133.7 479.7 5.00 4.65
4.65 YES NO
L0000317 0 0.15324E-04 370031.5 3810137.3 479.9 5.00 4.65
4.65 YES NO
L0000318 0 0.15324E-04 370040.9 3810139.0 480.4 5.00 4.65
4.65 YES NO
L0000319 0 0.15324E-04 370050.6 3810136.5 481.4 5.00 4.65
4.65 YES NO
L0000320 0 0.15324E-04 370060.2 3810134.0 482.4 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000321	0	0.15324E-04	370069.9	3810131.4	483.4	5.00	4.65	4.65	YES	NO	
L0000322	0	0.15324E-04	370079.6	3810128.9	484.4	5.00	4.65	4.65	YES	NO	
L0000323	0	0.15324E-04	370089.3	3810126.4	485.4	5.00	4.65	4.65	YES	NO	
L0000324	0	0.15324E-04	370098.9	3810123.8	486.4	5.00	4.65	4.65	YES	NO	
L0000325	0	0.15324E-04	370108.6	3810121.3	487.4	5.00	4.65	4.65	YES	NO	
L0000326	0	0.15324E-04	370118.3	3810118.8	488.4	5.00	4.65	4.65	YES	NO	
L0000327	0	0.15324E-04	370128.0	3810116.2	489.4	5.00	4.65				

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4.65     YES                    NO
 L0000328         0   0.15324E-04  370137.6 3810113.7   490.4     5.00     4.65
4.65     YES                    NO
 L0000329         0   0.15324E-04  370147.3 3810111.2   491.4     5.00     4.65
4.65     YES                    NO
 L0000330         0   0.15324E-04  370157.0 3810108.6   492.5     5.00     4.65
4.65     YES                    NO
 L0000331         0   0.15324E-04  370166.6 3810106.1   493.5     5.00     4.65
4.65     YES                    NO
 L0000332         0   0.15324E-04  370176.3 3810103.5   494.5     5.00     4.65
4.65     YES                    NO
 L0000333         0   0.15324E-04  370186.0 3810101.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000334         0   0.15324E-04  370195.7 3810098.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000335         0   0.15324E-04  370205.3 3810095.9   497.5     5.00     4.65
4.65     YES                    NO
 L0000336         0   0.15324E-04  370215.0 3810093.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000337         0   0.15324E-04  370224.7 3810090.8   498.9     5.00     4.65
4.65     YES                    NO
 L0000338         0   0.15324E-04  370234.3 3810088.1   496.6     5.00     4.65
4.65     YES                    NO
 L0000339         0   0.15324E-04  370243.9 3810085.3   494.4     5.00     4.65
4.65     YES                    NO
 L0000340         0   0.15324E-04  370253.5 3810082.6   492.2     5.00     4.65
4.65     YES                    NO
 L0000341         0   0.15324E-04  370263.1 3810079.8   489.9     5.00     4.65
4.65     YES                    NO
 L0000342         0   0.15324E-04  370272.8 3810077.1   487.7     5.00     4.65
4.65     YES                    NO
 L0000343         0   0.15324E-04  370282.4 3810074.3   485.4     5.00     4.65
4.65     YES                    NO
 L0000344         0   0.15324E-04  370292.0 3810071.6   483.2     5.00     4.65
4.65     YES                    NO
 L0000345         0   0.15324E-04  370301.7 3810069.4   481.8     5.00     4.65
4.65     YES                    NO
 L0000346         0   0.15324E-04  370311.6 3810068.0   481.9     5.00     4.65
4.65     YES                    NO
 L0000347         0   0.15324E-04  370321.5 3810066.6   482.0     5.00     4.65
4.65     YES                    NO
 L0000348         0   0.15324E-04  370331.4 3810065.2   482.1     5.00     4.65
4.65     YES                    NO
 L0000349         0   0.15324E-04  370341.3 3810063.8   482.2     5.00     4.65
4.65     YES                    NO
 L0000350         0   0.15324E-04  370351.2 3810062.4   482.2     5.00     4.65
4.65     YES                    NO
 L0000351         0   0.15324E-04  370361.1 3810061.0   482.3     5.00     4.65
4.65     YES                    NO
 L0000352         0   0.15324E-04  370371.0 3810059.6   482.4     5.00     4.65
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4.65 YES NO
L0000353 0 0.15324E-04 370380.9 3810058.2 482.5 5.00 4.65
4.65 YES NO
L0000354 0 0.15324E-04 370390.8 3810056.8 482.6 5.00 4.65
4.65 YES NO
L0000355 0 0.15324E-04 370400.7 3810055.4 482.6 5.00 4.65
4.65 YES NO
L0000356 0 0.15324E-04 370410.6 3810054.0 482.7 5.00 4.65
4.65 YES NO
L0000357 0 0.15324E-04 370420.5 3810052.6 482.8 5.00 4.65
4.65 YES NO
L0000358 0 0.15324E-04 370430.5 3810051.7 482.9 5.00 4.65
4.65 YES NO
L0000359 0 0.15324E-04 370440.5 3810051.4 483.0 5.00 4.65
4.65 YES NO
L0000360 0 0.15324E-04 370450.5 3810051.0 483.1 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000361	0	0.15324E-04	370460.5	3810050.6	483.2	5.00	4.65	4.65	YES	NO	
L0000362	0	0.15324E-04	370470.4	3810050.2	483.2	5.00	4.65	4.65	YES	NO	
L0000363	0	0.15324E-04	370480.4	3810049.8	483.3	5.00	4.65	4.65	YES	NO	
L0000364	0	0.15324E-04	370490.4	3810049.4	483.4	5.00	4.65	4.65	YES	NO	
L0000365	0	0.15324E-04	370500.4	3810049.0	483.5	5.00	4.65	4.65	YES	NO	
L0000366	0	0.15324E-04	370510.4	3810048.7	483.6	5.00	4.65	4.65	YES	NO	
L0000367	0	0.15324E-04	370520.4	3810048.3	483.7	5.00	4.65				

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4.65     YES                    NO
 L0000368         0   0.15324E-04  370530.4 3810047.9   483.8     5.00     4.65
4.65     YES                    NO
 L0000369         0   0.15324E-04  370540.4 3810047.5   483.9     5.00     4.65
4.65     YES                    NO
 L0000370         0   0.15324E-04  370550.4 3810047.1   484.0     5.00     4.65
4.65     YES                    NO
 L0000371         0   0.15324E-04  370560.4 3810046.7   484.1     5.00     4.65
4.65     YES                    NO
 L0000372         0   0.15324E-04  370564.7 3810041.5   484.3     5.00     4.65
4.65     YES                    NO
 L0000373         0   0.15324E-04  370563.6 3810031.5   484.5     5.00     4.65
4.65     YES                    NO
 L0000374         0   0.15324E-04  370562.5 3810021.6   484.8     5.00     4.65
4.65     YES                    NO
 L0000375         0   0.15324E-04  370561.4 3810011.7   485.1     5.00     4.65
4.65     YES                    NO
 L0000376         0   0.15324E-04  370560.3 3810001.7   485.4     5.00     4.65
4.65     YES                    NO
 L0000377         0   0.15324E-04  370566.2 3809997.3   486.1     5.00     4.65
4.65     YES                    NO
 L0000378         0   0.15324E-04  370576.1 3809996.0   487.2     5.00     4.65
4.65     YES                    NO
 L0000379         0   0.15324E-04  370586.0 3809994.6   488.2     5.00     4.65
4.65     YES                    NO
 L0000380         0   0.15324E-04  370588.2 3810003.7   487.4     5.00     4.65
4.65     YES                    NO
 L0000381         0   0.15324E-04  370589.8 3810013.5   486.5     5.00     4.65
4.65     YES                    NO
 L0000382         0   0.15324E-04  370591.4 3810023.4   485.6     5.00     4.65
4.65     YES                    NO
 L0000383         0   0.15324E-04  370593.0 3810033.3   484.6     5.00     4.65
4.65     YES                    NO
 L0000384         0   0.15324E-04  370597.8 3810039.0   484.0     5.00     4.65
4.65     YES                    NO
 L0000385         0   0.15324E-04  370607.7 3810037.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000386         0   0.15324E-04  370617.7 3810036.7   484.1     5.00     4.65
4.65     YES                    NO
 L0000387         0   0.15324E-04  370626.1 3810034.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000388         0   0.15324E-04  370624.7 3810024.5   486.7     5.00     4.65
4.65     YES                    NO
 L0000389         0   0.15324E-04  370623.4 3810014.6   489.0     5.00     4.65
4.65     YES                    NO
 L0000390         0   0.15324E-04  370622.0 3810004.7   491.3     5.00     4.65
4.65     YES                    NO
 L0000391         0   0.15324E-04  370622.4 3809996.3   493.4     5.00     4.65
4.65     YES                    NO
 L0000392         0   0.15324E-04  370632.4 3809995.9   494.3     5.00     4.65
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4.65 YES NO
L0000393 0 0.15324E-04 370642.4 3809995.4 495.2 5.00 4.65
4.65 YES NO
L0000394 0 0.15324E-04 370652.4 3809995.0 496.1 5.00 4.65
4.65 YES NO
L0000395 0 0.15324E-04 370662.4 3809994.6 497.0 5.00 4.65
4.65 YES NO
L0000396 0 0.15324E-04 370671.2 3809990.2 498.2 5.00 4.65
4.65 YES NO
L0000397 0 0.15324E-04 370679.7 3809985.0 499.5 5.00 4.65
4.65 YES NO
L0000398 0 0.15324E-04 370681.8 3809976.2 499.1 5.00 4.65
4.65 YES NO
L0000399 0 0.15324E-04 370681.8 3809966.2 498.1 5.00 4.65
4.65 YES NO
L0000400 0 0.15324E-04 370681.8 3809956.2 497.1 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000401	0	0.15324E-04	370681.8	3809946.2	496.1	5.00	4.65	4.65	YES	NO	
L0000402	0	0.15324E-04	370681.8	3809936.2	495.1	5.00	4.65	4.65	YES	NO	
L0000403	0	0.15324E-04	370674.6	3809932.7	494.5	5.00	4.65	4.65	YES	NO	
L0000404	0	0.15324E-04	370664.7	3809931.4	494.1	5.00	4.65	4.65	YES	NO	
L0000405	0	0.15324E-04	370654.7	3809930.2	493.6	5.00	4.65	4.65	YES	NO	
L0000406	0	0.15324E-04	370644.8	3809929.0	493.2	5.00	4.65	4.65	YES	NO	
L0000407	0	0.15324E-04	370634.9	3809927.8	492.7	5.00	4.65				

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4.65     YES                    NO
 L0000408         0   0.15324E-04  370625.0 3809926.5   492.2     5.00     4.65
4.65     YES                    NO
 L0000409         0   0.15324E-04  370615.0 3809925.3   491.8     5.00     4.65
4.65     YES                    NO
 L0000410         0   0.15324E-04  370605.1 3809924.1   491.3     5.00     4.65
4.65     YES                    NO
 L0000411         0   0.15324E-04  370595.2 3809922.8   490.8     5.00     4.65
4.65     YES                    NO
 L0000412         0   0.15324E-04  370585.3 3809921.6   490.4     5.00     4.65
4.65     YES                    NO
 L0000413         0   0.15324E-04  370575.3 3809920.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000414         0   0.15324E-04  370565.4 3809919.2   489.4     5.00     4.65
4.65     YES                    NO
 L0000415         0   0.15324E-04  370555.5 3809917.9   489.0     5.00     4.65
4.65     YES                    NO
 L0000416         0   0.15324E-04  370545.6 3809916.7   488.5     5.00     4.65
4.65     YES                    NO
 L0000417         0   0.15324E-04  370535.6 3809915.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000418         0   0.15324E-04  370525.7 3809914.2   487.6     5.00     4.65
4.65     YES                    NO
 L0000419         0   0.15324E-04  370515.8 3809913.0   487.1     5.00     4.65
4.65     YES                    NO
 L0000420         0   0.15324E-04  370507.6 3809910.0   486.8     5.00     4.65
4.65     YES                    NO
 L0000421         0   0.15324E-04  370506.3 3809900.1   487.0     5.00     4.65
4.65     YES                    NO
 L0000422         0   0.15324E-04  370505.1 3809890.2   487.2     5.00     4.65
4.65     YES                    NO
 L0000423         0   0.15324E-04  370503.8 3809880.3   487.4     5.00     4.65
4.65     YES                    NO
 L0000424         0   0.15324E-04  370502.5 3809870.4   487.5     5.00     4.65
4.65     YES                    NO
 L0000425         0   0.15324E-04  370501.2 3809860.4   487.7     5.00     4.65
4.65     YES                    NO
 L0000426         0   0.15324E-04  370495.5 3809853.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000427         0   0.15324E-04  370486.9 3809848.5   487.9     5.00     4.65
4.65     YES                    NO
 L0000428         0   0.15324E-04  370478.2 3809843.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000429         0   0.15324E-04  370469.5 3809838.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000430         0   0.15324E-04  370460.9 3809833.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000431         0   0.15324E-04  370452.2 3809828.5   488.2     5.00     4.65
4.65     YES                    NO
 L0000432         0   0.15324E-04  370443.5 3809823.6   488.2     5.00     4.65
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4.65 YES NO
L0000433 0 0.15324E-04 370434.8 3809818.6 488.3 5.00 4.65
4.65 YES NO
L0000434 0 0.15324E-04 370429.4 3809812.0 488.4 5.00 4.65
4.65 YES NO
L0000435 0 0.15324E-04 370430.9 3809802.1 488.8 5.00 4.65
4.65 YES NO
L0000436 0 0.15324E-04 370432.5 3809792.2 489.1 5.00 4.65
4.65 YES NO
L0000437 0 0.15324E-04 370434.0 3809782.4 489.5 5.00 4.65
4.65 YES NO
L0000438 0 0.15324E-04 370435.5 3809772.5 489.8 5.00 4.65
4.65 YES NO
L0000439 0 0.15324E-04 370437.0 3809762.6 490.2 5.00 4.65
4.65 YES NO
L0000440 0 0.15324E-04 370438.5 3809752.7 490.5 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000441	0	0.15324E-04	370440.0	3809742.8	490.9	5.00	4.65	4.65	YES	NO	
L0000442	0	0.15324E-04	370441.5	3809732.9	491.2	5.00	4.65	4.65	YES	NO	
L0000443	0	0.15324E-04	370443.0	3809723.0	491.5	5.00	4.65	4.65	YES	NO	
L0000444	0	0.15324E-04	370444.5	3809713.2	491.9	5.00	4.65	4.65	YES	NO	
L0000445	0	0.15324E-04	370446.0	3809703.3	492.2	5.00	4.65	4.65	YES	NO	
L0000446	0	0.15324E-04	370447.5	3809693.4	492.6	5.00	4.65	4.65	YES	NO	
L0000447	0	0.15324E-04	370449.0	3809683.5	492.9	5.00	4.65				

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4.65     YES                    NO
 L0000448         0   0.15324E-04  370450.5 3809673.6   493.2     5.00     4.65
4.65     YES                    NO
 L0000449         0   0.15324E-04  370452.0 3809663.7   493.6     5.00     4.65
4.65     YES                    NO
 L0000450         0   0.15324E-04  370453.5 3809653.8   493.9     5.00     4.65
4.65     YES                    NO
 L0000451         0   0.15324E-04  370455.0 3809644.0   494.3     5.00     4.65
4.65     YES                    NO
 L0000452         0   0.15324E-04  370456.6 3809634.1   494.6     5.00     4.65
4.65     YES                    NO
 L0000453         0   0.15324E-04  370459.9 3809625.4   494.9     5.00     4.65
4.65     YES                    NO
 L0000454         0   0.15324E-04  370468.2 3809619.8   495.1     5.00     4.65
4.65     YES                    NO
 L0000455         0   0.15324E-04  370476.5 3809614.3   495.2     5.00     4.65
4.65     YES                    NO
 L0000456         0   0.15324E-04  370484.9 3809608.7   495.4     5.00     4.65
4.65     YES                    NO
 L0000457         0   0.15324E-04  370493.2 3809603.2   495.6     5.00     4.65
4.65     YES                    NO
 L0000458         0   0.15324E-04  370501.5 3809597.6   495.7     5.00     4.65
4.65     YES                    NO
 L0000459         0   0.15324E-04  370509.8 3809592.1   495.9     5.00     4.65
4.65     YES                    NO
 L0000460         0   0.15324E-04  370518.2 3809586.5   496.1     5.00     4.65
4.65     YES                    NO
 L0000461         0   0.15324E-04  370526.5 3809581.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000462         0   0.15324E-04  370534.8 3809575.4   496.4     5.00     4.65
4.65     YES                    NO
 L0000463         0   0.15324E-04  370543.1 3809569.9   496.6     5.00     4.65
4.65     YES                    NO
 L0000464         0   0.15324E-04  370551.4 3809564.3   496.7     5.00     4.65
4.65     YES                    NO
 L0000465         0   0.15324E-04  370559.8 3809558.8   496.9     5.00     4.65
4.65     YES                    NO
 L0000466         0   0.15324E-04  370568.1 3809553.3   497.1     5.00     4.65
4.65     YES                    NO
 L0000467         0   0.15324E-04  370576.4 3809547.7   497.2     5.00     4.65
4.65     YES                    NO
 L0000468         0   0.15324E-04  370584.7 3809542.2   497.4     5.00     4.65
4.65     YES                    NO
 L0000469         0   0.15324E-04  370593.0 3809536.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000470         0   0.15324E-04  370601.4 3809531.1   497.7     5.00     4.65
4.65     YES                    NO
 L0000471         0   0.15324E-04  370609.7 3809525.5   497.9     5.00     4.65
4.65     YES                    NO
 L0000472         0   0.15324E-04  370618.0 3809520.0   498.1     5.00     4.65
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4.65 YES NO
L0000473 0 0.15324E-04 370626.3 3809514.4 498.2 5.00 4.65
4.65 YES NO
L0000474 0 0.15324E-04 370634.6 3809508.9 498.4 5.00 4.65
4.65 YES NO
L0000475 0 0.15324E-04 370643.0 3809503.3 498.5 5.00 4.65
4.65 YES NO
L0000476 0 0.15324E-04 370651.3 3809497.8 498.7 5.00 4.65
4.65 YES NO
L0000477 0 0.15324E-04 370659.6 3809492.2 498.9 5.00 4.65
4.65 YES NO
L0000478 0 0.15324E-04 370667.9 3809486.7 499.0 5.00 4.65
4.65 YES NO
L0000479 0 0.15324E-04 370676.3 3809481.2 499.3 5.00 4.65
4.65 YES NO
L0000480 0 0.15324E-04 370684.6 3809475.7 499.5 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000481	0	0.15324E-04	370692.9	3809470.1	499.7	5.00	4.65	4.65	YES	NO	
L0000482	0	0.15324E-04	370701.3	3809464.6	499.9	5.00	4.65	4.65	YES	NO	
L0000483	0	0.15324E-04	370709.6	3809459.1	500.2	5.00	4.65	4.65	YES	NO	
L0000484	0	0.15324E-04	370718.0	3809453.6	500.4	5.00	4.65	4.65	YES	NO	
L0000485	0	0.15324E-04	370726.3	3809448.1	500.6	5.00	4.65	4.65	YES	NO	
L0000486	0	0.15324E-04	370734.6	3809442.5	500.8	5.00	4.65	4.65	YES	NO	
L0000487	0	0.15324E-04	370743.0	3809437.0	501.1	5.00	4.65				

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4.65     YES                    NO
 L0000488         0   0.15324E-04  370751.3 3809431.5   501.3     5.00     4.65
4.65     YES                    NO
 L0000489         0   0.15324E-04  370759.7 3809426.0   501.5     5.00     4.65
4.65     YES                    NO
 L0000490         0   0.15324E-04  370768.0 3809420.5   501.7     5.00     4.65
4.65     YES                    NO
 L0000491         0   0.15324E-04  370776.3 3809414.9   501.9     5.00     4.65
4.65     YES                    NO
 L0000492         0   0.15324E-04  370784.7 3809409.4   502.2     5.00     4.65
4.65     YES                    NO
 L0000493         0   0.15324E-04  370789.4 3809402.0   502.4     5.00     4.65
4.65     YES                    NO
 L0000494         0   0.15324E-04  370789.2 3809392.0   502.5     5.00     4.65
4.65     YES                    NO
 L0000495         0   0.15324E-04  370789.0 3809382.0   502.6     5.00     4.65
4.65     YES                    NO
 L0000496         0   0.15324E-04  370788.8 3809372.0   502.8     5.00     4.65
4.65     YES                    NO
 L0000497         0   0.15324E-04  370788.6 3809362.0   502.9     5.00     4.65
4.65     YES                    NO
 L0000498         0   0.15324E-04  370788.4 3809352.0   503.1     5.00     4.65
4.65     YES                    NO
 L0000499         0   0.15324E-04  370788.2 3809342.0   503.2     5.00     4.65
4.65     YES                    NO
 L0000500         0   0.15324E-04  370788.0 3809332.0   503.4     5.00     4.65
4.65     YES                    NO
 L0000501         0   0.15324E-04  370787.8 3809322.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000502         0   0.15324E-04  370783.6 3809314.5   503.4     5.00     4.65
4.65     YES                    NO
 L0000503         0   0.15324E-04  370774.8 3809309.8   502.9     5.00     4.65
4.65     YES                    NO
 L0000504         0   0.15324E-04  370765.9 3809305.1   502.5     5.00     4.65
4.65     YES                    NO
 L0000505         0   0.15324E-04  370757.1 3809300.5   502.1     5.00     4.65
4.65     YES                    NO
 L0000506         0   0.15324E-04  370758.5 3809295.1   502.1     5.00     4.65
4.65     YES                    NO
 L0000507         0   0.15324E-04  370766.8 3809289.7   502.3     5.00     4.65
4.65     YES                    NO
 L0000508         0   0.15324E-04  370776.8 3809290.2   502.6     5.00     4.65
4.65     YES                    NO
 L0000509         0   0.15324E-04  370786.7 3809290.7   502.8     5.00     4.65
4.65     YES                    NO
 L0000510         0   0.15324E-04  370796.7 3809291.1   503.1     5.00     4.65
4.65     YES                    NO
 L0000511         0   0.15324E-04  370806.7 3809291.7   503.4     5.00     4.65
4.65     YES                    NO
 L0000512         0   0.15324E-04  370816.7 3809292.4   503.8     5.00     4.65
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4.65   YES   NO
 L0000513   0   0.15324E-04 370826.7 3809293.2   504.3   5.00   4.65
4.65   YES   NO
 L0000514   0   0.15324E-04 370836.6 3809293.9   504.7   5.00   4.65
4.65   YES   NO
 L0000515   0   0.15324E-04 370846.6 3809294.6   505.2   5.00   4.65
4.65   YES   NO
 L0000516   0   0.15324E-04 370856.3 3809296.5   505.4   5.00   4.65
4.65   YES   NO
 L0000517   0   0.15324E-04 370865.8 3809299.8   505.3   5.00   4.65
4.65   YES   NO
 L0000518   0   0.15324E-04 370875.2 3809303.2   505.3   5.00   4.65
4.65   YES   NO
 L0000519   0   0.15324E-04 370883.8 3809307.6   505.1   5.00   4.65
4.65   YES   NO
 L0000520   0   0.15324E-04 370889.0 3809316.1   504.6   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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4.65     YES                    NO
 L0000528         0   0.15324E-04  370940.7 3809367.9   501.8     5.00     4.65
4.65     YES                    NO
 L0000529         0   0.15324E-04  370950.7 3809368.4   501.6     5.00     4.65
4.65     YES                    NO
 L0000530         0   0.15324E-04  370955.0 3809374.8   501.4     5.00     4.65
4.65     YES                    NO
 L0000531         0   0.15324E-04  370955.8 3809384.8   501.2     5.00     4.65
4.65     YES                    NO
 L0000532         0   0.15324E-04  370956.6 3809394.7   501.1     5.00     4.65
4.65     YES                    NO
 L0000533         0   0.15324E-04  370957.4 3809404.7   500.9     5.00     4.65
4.65     YES                    NO
 L0000534         0   0.15324E-04  370959.3 3809413.4   500.8     5.00     4.65
4.65     YES                    NO
 L0000535         0   0.15324E-04  370969.3 3809413.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000536         0   0.15324E-04  370979.3 3809413.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000537         0   0.15324E-04  370989.3 3809413.4   500.6     5.00     4.65
4.65     YES                    NO
 L0000538         0   0.15324E-04  370999.3 3809413.4   500.6     5.00     4.65
4.65     YES                    NO
 L0000539         0   0.15324E-04  371009.3 3809413.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000540         0   0.15324E-04  371019.3 3809413.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000541         0   0.15324E-04  371029.3 3809413.4   500.4     5.00     4.65
4.65     YES                    NO
 L0000542         0   0.15324E-04  371039.3 3809413.4   500.4     5.00     4.65
4.65     YES                    NO
 L0000543         0   0.15324E-04  371049.3 3809413.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000544         0   0.15324E-04  371059.3 3809413.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000545         0   0.15324E-04  371069.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000546         0   0.15324E-04  371079.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000547         0   0.15324E-04  371089.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000548         0   0.15324E-04  371099.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000549         0   0.15324E-04  371109.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000550         0   0.15324E-04  371119.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000551         0   0.15324E-04  371129.3 3809413.4   499.9     5.00     4.65
4.65     YES                    NO
 L0000552         0   0.15324E-04  371130.4 3809422.5   499.8     5.00     4.65
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4.65   YES   NO
 L0000553   0   0.15324E-04 371130.5 3809432.5   499.8   5.00   4.65
4.65   YES   NO
 L0000554   0   0.15324E-04 371130.7 3809442.5   499.7   5.00   4.65
4.65   YES   NO
 L0000555   0   0.15324E-04 371130.8 3809452.5   499.6   5.00   4.65
4.65   YES   NO
 L0000556   0   0.15324E-04 371131.0 3809462.5   499.5   5.00   4.65
4.65   YES   NO
 L0000557   0   0.15324E-04 371131.1 3809472.5   499.4   5.00   4.65
4.65   YES   NO
 L0000558   0   0.15324E-04 371131.3 3809482.5   499.3   5.00   4.65
4.65   YES   NO
 L0000559   0   0.15324E-04 371131.5 3809492.5   499.2   5.00   4.65
4.65   YES   NO
 L0000560   0   0.15324E-04 371131.6 3809502.5   499.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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4.65     YES                    NO
 L0000568         0   0.15324E-04  371132.9 3809582.5   498.3     5.00     4.65
4.65     YES                    NO
 L0000569         0   0.15324E-04  371133.0 3809592.5   498.2     5.00     4.65
4.65     YES                    NO
 L0000570         0   0.15324E-04  371133.2 3809602.5   498.1     5.00     4.65
4.65     YES                    NO
 L0000571         0   0.15324E-04  371133.3 3809612.5   498.0     5.00     4.65
4.65     YES                    NO
 L0000572         0   0.15324E-04  371133.5 3809622.5   497.9     5.00     4.65
4.65     YES                    NO
 L0000573         0   0.15324E-04  371133.6 3809632.5   497.8     5.00     4.65
4.65     YES                    NO
 L0000574         0   0.15324E-04  371133.8 3809642.5   497.7     5.00     4.65
4.65     YES                    NO
 L0000575         0   0.15324E-04  371134.0 3809652.5   497.6     5.00     4.65
4.65     YES                    NO
 L0000576         0   0.15324E-04  371134.1 3809662.5   497.5     5.00     4.65
4.65     YES                    NO
 L0000577         0   0.15324E-04  371134.3 3809672.5   497.4     5.00     4.65
4.65     YES                    NO
 L0000578         0   0.15324E-04  371134.4 3809682.5   497.3     5.00     4.65
4.65     YES                    NO
 L0000579         0   0.15324E-04  371134.6 3809692.5   497.2     5.00     4.65
4.65     YES                    NO
 L0000580         0   0.15324E-04  371134.7 3809702.5   497.1     5.00     4.65
4.65     YES                    NO
 L0000581         0   0.15324E-04  371134.9 3809712.5   497.0     5.00     4.65
4.65     YES                    NO
 L0000582         0   0.15324E-04  371135.0 3809722.5   496.9     5.00     4.65
4.65     YES                    NO
 L0000583         0   0.15324E-04  371135.2 3809732.5   496.9     5.00     4.65
4.65     YES                    NO
 L0000584         0   0.15324E-04  371135.4 3809742.5   496.8     5.00     4.65
4.65     YES                    NO
 L0000585         0   0.15324E-04  371135.5 3809752.5   496.7     5.00     4.65
4.65     YES                    NO
 L0000586         0   0.15324E-04  371135.7 3809762.5   496.6     5.00     4.65
4.65     YES                    NO
 L0000587         0   0.15324E-04  371135.8 3809772.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000588         0   0.15324E-04  371136.0 3809782.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000589         0   0.15324E-04  371136.1 3809792.5   496.3     5.00     4.65
4.65     YES                    NO
 L0000590         0   0.15324E-04  371136.3 3809802.5   496.2     5.00     4.65
4.65     YES                    NO
 L0000591         0   0.15324E-04  371136.4 3809812.5   496.1     5.00     4.65
4.65     YES                    NO
 L0000592         0   0.15324E-04  371136.6 3809822.5   496.0     5.00     4.65
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4.65   YES   NO
 L0000593   0   0.15324E-04 371136.8 3809832.5   495.9   5.00   4.65
4.65   YES   NO
 L0000594   0   0.15324E-04 371136.9 3809842.5   495.8   5.00   4.65
4.65   YES   NO
 L0000595   0   0.15324E-04 371137.1 3809852.5   495.7   5.00   4.65
4.65   YES   NO
 L0000596   0   0.15324E-04 371137.2 3809862.5   495.6   5.00   4.65
4.65   YES   NO
 L0000597   0   0.15324E-04 371137.4 3809872.5   495.5   5.00   4.65
4.65   YES   NO
 L0000598   0   0.15324E-04 371137.5 3809882.4   495.4   5.00   4.65
4.65   YES   NO
 L0000599   0   0.15324E-04 371137.7 3809892.4   495.3   5.00   4.65
4.65   YES   NO
 L0000600   0   0.15324E-04 371137.8 3809902.4   495.2   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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4.65     YES                    NO
 L0000608         0   0.15324E-04  371139.1 3809982.4   494.4     5.00     4.65
4.65     YES                    NO
 L0000609         0   0.15324E-04  371136.0 3809988.6   494.4     5.00     4.65
4.65     YES                    NO
 L0000610         0   0.15324E-04  371126.1 3809986.9   494.5     5.00     4.65
4.65     YES                    NO
 L0000611         0   0.15324E-04  371116.3 3809985.1   494.6     5.00     4.65
4.65     YES                    NO
 L0000612         0   0.15324E-04  371106.4 3809983.4   494.8     5.00     4.65
4.65     YES                    NO
 L0000613         0   0.15324E-04  371096.6 3809981.7   494.9     5.00     4.65
4.65     YES                    NO
 L0000614         0   0.15324E-04  371086.7 3809980.0   495.0     5.00     4.65
4.65     YES                    NO
 L0000615         0   0.15324E-04  371076.9 3809978.2   495.1     5.00     4.65
4.65     YES                    NO
 L0000616         0   0.15324E-04  371067.0 3809976.5   495.2     5.00     4.65
4.65     YES                    NO
 L0000617         0   0.15324E-04  371057.2 3809974.8   495.3     5.00     4.65
4.65     YES                    NO
 L0000618         0   0.15324E-04  371047.3 3809973.1   495.4     5.00     4.65
4.65     YES                    NO
 L0000619         0   0.15324E-04  371037.5 3809971.3   495.6     5.00     4.65
4.65     YES                    NO
 L0000620         0   0.15324E-04  371027.6 3809969.6   495.7     5.00     4.65
4.65     YES                    NO
 L0000621         0   0.15324E-04  371017.8 3809967.9   495.8     5.00     4.65
4.65     YES                    NO
 L0000622         0   0.15324E-04  371007.9 3809966.2   495.9     5.00     4.65
4.65     YES                    NO
 L0000623         0   0.15324E-04  370998.1 3809964.4   496.0     5.00     4.65
4.65     YES                    NO
 L0000624         0   0.15324E-04  370988.2 3809962.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000625         0   0.15324E-04  370978.4 3809961.0   496.3     5.00     4.65
4.65     YES                    NO
 L0000626         0   0.15324E-04  370968.5 3809959.3   496.4     5.00     4.65
4.65     YES                    NO
 L0000627         0   0.15324E-04  370958.7 3809957.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000628         0   0.15324E-04  370948.8 3809955.8   496.6     5.00     4.65
4.65     YES                    NO
 L0000629         0   0.15324E-04  370939.0 3809954.1   496.7     5.00     4.65
4.65     YES                    NO
 L0000630         0   0.15324E-04  370929.1 3809952.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000631         0   0.15324E-04  370919.3 3809950.6   496.9     5.00     4.65
4.65     YES                    NO
 L0000632         0   0.15324E-04  370909.4 3809948.9   497.1     5.00     4.65
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4.65   YES   NO
 L0000633   0   0.15324E-04 370899.6 3809947.2   497.2   5.00   4.65
4.65   YES   NO
 L0000634   0   0.15324E-04 370889.7 3809945.5   497.3   5.00   4.65
4.65   YES   NO
 L0000635   0   0.15324E-04 370879.9 3809943.7   497.4   5.00   4.65
4.65   YES   NO
 L0000636   0   0.15324E-04 370870.0 3809942.0   497.5   5.00   4.65
4.65   YES   NO
 L0000637   0   0.15324E-04 370860.2 3809940.3   497.7   5.00   4.65
4.65   YES   NO
 L0000638   0   0.15324E-04 370850.3 3809938.6   497.8   5.00   4.65
4.65   YES   NO
 L0000639   0   0.15324E-04 370840.5 3809936.8   497.9   5.00   4.65
4.65   YES   NO
 L0000640   0   0.15324E-04 370830.6 3809935.1   498.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000648         0   0.15324E-04  370751.8 3809921.3   498.9     5.00     4.65
4.65     YES                    NO
 L0000649         0   0.15324E-04  370741.9 3809919.9   498.5     5.00     4.65
4.65     YES                    NO
 L0000650         0   0.15324E-04  370732.0 3809918.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000651         0   0.15324E-04  370722.1 3809917.3   497.5     5.00     4.65
4.65     YES                    NO
 L0000652         0   0.15324E-04  370712.2 3809915.9   496.9     5.00     4.65
4.65     YES                    NO
 L0000653         0   0.15324E-04  370702.3 3809914.6   496.4     5.00     4.65
4.65     YES                    NO
 L0000654         0   0.15324E-04  370692.4 3809913.3   495.9     5.00     4.65
4.65     YES                    NO
 L0000655         0   0.15324E-04  370682.4 3809911.9   495.4     5.00     4.65
4.65     YES                    NO
 L0000656         0   0.15324E-04  370672.5 3809910.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000657         0   0.15324E-04  370662.6 3809909.3   494.3     5.00     4.65
4.65     YES                    NO
 L0000658         0   0.15324E-04  370652.7 3809907.9   493.8     5.00     4.65
4.65     YES                    NO
 L0000659         0   0.15324E-04  370642.8 3809906.6   493.3     5.00     4.65
4.65     YES                    NO
 L0000660         0   0.15324E-04  370632.9 3809905.3   492.8     5.00     4.65
4.65     YES                    NO
 L0000661         0   0.15324E-04  370623.0 3809903.9   492.3     5.00     4.65
4.65     YES                    NO
 L0000662         0   0.15324E-04  370613.1 3809902.6   491.7     5.00     4.65
4.65     YES                    NO
 L0000663         0   0.15324E-04  370603.2 3809901.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000664         0   0.15324E-04  370593.3 3809899.9   490.7     5.00     4.65
4.65     YES                    NO
 L0000665         0   0.15324E-04  370583.3 3809898.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000666         0   0.15324E-04  370573.4 3809897.3   489.7     5.00     4.65
4.65     YES                    NO
 L0000667         0   0.15324E-04  370563.5 3809895.9   489.1     5.00     4.65
4.65     YES                    NO
 L0000668         0   0.15324E-04  370553.6 3809894.6   488.6     5.00     4.65
4.65     YES                    NO
 L0000669         0   0.15324E-04  370543.7 3809893.3   488.1     5.00     4.65
4.65     YES                    NO
 L0000670         0   0.15324E-04  370536.5 3809889.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000671         0   0.15324E-04  370536.1 3809879.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000672         0   0.15324E-04  370535.7 3809869.5   488.4     5.00     4.65
```

4.65   YES   NO
 L0000673   0   0.15324E-04 370535.3 3809859.5   488.7   5.00   4.65
4.65   YES   NO
 L0000674   0   0.15324E-04 370534.9 3809849.5   489.0   5.00   4.65
4.65   YES   NO
 L0000675   0   0.15324E-04 370528.2 3809843.0   489.1   5.00   4.65
4.65   YES   NO
 L0000676   0   0.15324E-04 370520.0 3809837.4   489.2   5.00   4.65
4.65   YES   NO
 L0000677   0   0.15324E-04 370511.7 3809831.7   489.2   5.00   4.65
4.65   YES   NO
 L0000678   0   0.15324E-04 370503.5 3809826.1   489.3   5.00   4.65
4.65   YES   NO
 L0000679   0   0.15324E-04 370495.2 3809820.4   489.3   5.00   4.65
4.65   YES   NO
 L0000680   0   0.15324E-04 370486.9 3809814.8   489.4   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

```
4.65     YES                    NO
 L0000688         0   0.15324E-04  370467.3 3809748.7   490.7     5.00     4.65
4.65     YES                    NO
 L0000689         0   0.15324E-04  370468.5 3809738.8   490.9     5.00     4.65
4.65     YES                    NO
 L0000690         0   0.15324E-04  370469.8 3809728.9   491.2     5.00     4.65
4.65     YES                    NO
 L0000691         0   0.15324E-04  370471.0 3809719.0   491.4     5.00     4.65
4.65     YES                    NO
 L0000692         0   0.15324E-04  370472.3 3809709.1   491.7     5.00     4.65
4.65     YES                    NO
 L0000693         0   0.15324E-04  370473.5 3809699.1   491.9     5.00     4.65
4.65     YES                    NO
 L0000694         0   0.15324E-04  370474.7 3809689.2   492.2     5.00     4.65
4.65     YES                    NO
 L0000695         0   0.15324E-04  370476.0 3809679.3   492.4     5.00     4.65
4.65     YES                    NO
 L0000696         0   0.15324E-04  370477.2 3809669.4   492.7     5.00     4.65
4.65     YES                    NO
 L0000697         0   0.15324E-04  370478.5 3809659.4   492.9     5.00     4.65
4.65     YES                    NO
 L0000698         0   0.15324E-04  370482.7 3809651.4   493.1     5.00     4.65
4.65     YES                    NO
 L0000699         0   0.15324E-04  370491.0 3809645.8   493.3     5.00     4.65
4.65     YES                    NO
 L0000700         0   0.15324E-04  370499.3 3809640.2   493.6     5.00     4.65
4.65     YES                    NO
 L0000701         0   0.15324E-04  370507.6 3809634.6   493.8     5.00     4.65
4.65     YES                    NO
 L0000702         0   0.15324E-04  370515.9 3809629.0   494.0     5.00     4.65
4.65     YES                    NO
 L0000703         0   0.15324E-04  370524.2 3809623.4   494.2     5.00     4.65
4.65     YES                    NO
 L0000704         0   0.15324E-04  370532.5 3809617.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000705         0   0.15324E-04  370540.7 3809612.2   494.7     5.00     4.65
4.65     YES                    NO
 L0000706         0   0.15324E-04  370549.0 3809606.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000707         0   0.15324E-04  370557.3 3809601.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000708         0   0.15324E-04  370565.6 3809595.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000709         0   0.15324E-04  370573.9 3809589.8   495.5     5.00     4.65
4.65     YES                    NO
 L0000710         0   0.15324E-04  370582.2 3809584.2   495.8     5.00     4.65
4.65     YES                    NO
 L0000711         0   0.15324E-04  370590.5 3809578.6   496.0     5.00     4.65
4.65     YES                    NO
 L0000712         0   0.15324E-04  370598.7 3809573.0   496.2     5.00     4.65
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4.65   YES   NO
 L0000713   0   0.15324E-04 370607.0 3809567.4   496.4   5.00   4.65
4.65   YES   NO
 L0000714   0   0.15324E-04 370615.3 3809561.8   496.6   5.00   4.65
4.65   YES   NO
 L0000715   0   0.15324E-04 370623.6 3809556.2   496.9   5.00   4.65
4.65   YES   NO
 L0000716   0   0.15324E-04 370631.9 3809550.6   497.1   5.00   4.65
4.65   YES   NO
 L0000717   0   0.15324E-04 370640.2 3809545.0   497.3   5.00   4.65
4.65   YES   NO
 L0000718   0   0.15324E-04 370648.5 3809539.4   497.5   5.00   4.65
4.65   YES   NO
 L0000719   0   0.15324E-04 370656.8 3809533.8   497.7   5.00   4.65
4.65   YES   NO
 L0000720   0   0.15324E-04 370665.0 3809528.2   498.0   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000728         0   0.15324E-04  370731.3 3809483.5   499.7     5.00     4.65
4.65     YES                    NO
 L0000729         0   0.15324E-04  370739.6 3809477.9   499.9     5.00     4.65
4.65     YES                    NO
 L0000730         0   0.15324E-04  370747.9 3809472.3   500.2     5.00     4.65
4.65     YES                    NO
 L0000731         0   0.15324E-04  370756.2 3809466.7   500.4     5.00     4.65
4.65     YES                    NO
 L0000732         0   0.15324E-04  370764.9 3809461.8   500.7     5.00     4.65
4.65     YES                    NO
 L0000733         0   0.15324E-04  370773.6 3809456.8   501.0     5.00     4.65
4.65     YES                    NO
 L0000734         0   0.15324E-04  370782.3 3809451.9   501.4     5.00     4.65
4.65     YES                    NO
 L0000735         0   0.15324E-04  370791.0 3809446.9   501.7     5.00     4.65
4.65     YES                    NO
 L0000736         0   0.15324E-04  370799.7 3809441.9   502.0     5.00     4.65
4.65     YES                    NO
 L0000737         0   0.15324E-04  370805.7 3809435.4   502.3     5.00     4.65
4.65     YES                    NO
 L0000738         0   0.15324E-04  370805.9 3809425.4   502.5     5.00     4.65
4.65     YES                    NO
 L0000739         0   0.15324E-04  370806.0 3809415.4   502.7     5.00     4.65
4.65     YES                    NO
 L0000740         0   0.15324E-04  370806.2 3809405.4   502.9     5.00     4.65
4.65     YES                    NO
 L0000741         0   0.15324E-04  370806.4 3809395.4   503.1     5.00     4.65
4.65     YES                    NO
 L0000742         0   0.15324E-04  370806.6 3809385.4   503.3     5.00     4.65
4.65     YES                    NO
 L0000743         0   0.15324E-04  370806.8 3809375.4   503.5     5.00     4.65
4.65     YES                    NO
 L0000744         0   0.15324E-04  370807.0 3809365.4   503.7     5.00     4.65
4.65     YES                    NO
 L0000745         0   0.15324E-04  370807.2 3809355.4   503.9     5.00     4.65
4.65     YES                    NO
 L0000746         0   0.15324E-04  370807.4 3809345.4   504.1     5.00     4.65
4.65     YES                    NO
 L0000747         0   0.15324E-04  370811.1 3809336.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000748         0   0.15324E-04  370814.8 3809326.8   504.3     5.00     4.65
4.65     YES                    NO
 L0000749         0   0.15324E-04  370819.0 3809318.5   504.4     5.00     4.65
4.65     YES                    NO
 L0000750         0   0.15324E-04  370828.9 3809320.0   504.5     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.15324E-04  370838.8 3809321.5   504.6     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.15324E-04  370848.7 3809323.0   504.7     5.00     4.65
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4.65 YES NO
L0000753 0 0.15324E-04 370856.3 3809327.8 504.7 5.00 4.65
4.65 YES NO
L0000754 0 0.15324E-04 370861.3 3809336.4 504.5 5.00 4.65
4.65 YES NO
L0000755 0 0.15324E-04 370866.3 3809345.1 504.2 5.00 4.65
4.65 YES NO
L0000756 0 0.15324E-04 370871.3 3809353.8 504.0 5.00 4.65
4.65 YES NO
L0000757 0 0.15324E-04 370876.3 3809362.4 503.8 5.00 4.65
4.65 YES NO
L0000758 0 0.15324E-04 370881.3 3809371.1 503.6 5.00 4.65
4.65 YES NO
L0000759 0 0.15324E-04 370886.2 3809379.8 503.4 5.00 4.65
4.65 YES NO
L0000760 0 0.15324E-04 370891.2 3809388.5 503.1 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000761	0	0.15324E-04	370896.3	3809397.1	502.9	5.00	4.65	4.65	YES	NO	
L0000762	0	0.15324E-04	370901.9	3809405.4	502.6	5.00	4.65	4.65	YES	NO	
L0000763	0	0.15324E-04	370907.4	3809413.7	502.2	5.00	4.65	4.65	YES	NO	
L0000764	0	0.15324E-04	370913.0	3809422.0	501.9	5.00	4.65	4.65	YES	NO	
L0000765	0	0.15324E-04	370918.5	3809430.3	501.5	5.00	4.65	4.65	YES	NO	
L0000766	0	0.15324E-04	370924.0	3809438.7	501.2	5.00	4.65	4.65	YES	NO	
L0000767	0	0.15324E-04	370931.2	3809444.1	500.9	5.00	4.65				

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4.65     YES                    NO
 L0000768         0   0.15324E-04  370941.2 3809444.5   500.7     5.00     4.65
4.65     YES                    NO
 L0000769         0   0.15324E-04  370951.2 3809445.0   500.5     5.00     4.65
4.65     YES                    NO
 L0000770         0   0.15324E-04  370961.2 3809445.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000771         0   0.15324E-04  370971.2 3809445.8   500.1     5.00     4.65
4.65     YES                    NO
 L0000772         0   0.15324E-04  370981.2 3809446.3   499.9     5.00     4.65
4.65     YES                    NO
 L0000773         0   0.15324E-04  370991.2 3809446.7   499.7     5.00     4.65
4.65     YES                    NO
 L0000774         0   0.15324E-04  371001.2 3809447.2   499.4     5.00     4.65
4.65     YES                    NO
 L0000775         0   0.15324E-04  371011.2 3809447.6   499.2     5.00     4.65
4.65     YES                    NO
 L0000776         0   0.15324E-04  371021.1 3809448.0   499.0     5.00     4.65
4.65     YES                    NO
 L0000777         0   0.15324E-04  371031.1 3809448.5   498.8     5.00     4.65
4.65     YES                    NO
 L0000778         0   0.15324E-04  371041.1 3809448.9   498.6     5.00     4.65
4.65     YES                    NO
 L0000779         0   0.15324E-04  371051.1 3809449.4   498.4     5.00     4.65
4.65     YES                    NO
 L0000780         0   0.15324E-04  371061.1 3809449.8   498.2     5.00     4.65
4.65     YES                    NO
 L0000781         0   0.15324E-04  371071.1 3809450.2   498.0     5.00     4.65
4.65     YES                    NO
 L0000782         0   0.15324E-04  371081.1 3809450.7   497.8     5.00     4.65
4.65     YES                    NO
 L0000783         0   0.15324E-04  371090.8 3809451.4   497.6     5.00     4.65
4.65     YES                    NO
 L0000784         0   0.15324E-04  371090.9 3809461.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000785         0   0.15324E-04  371091.1 3809471.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000786         0   0.15324E-04  371091.2 3809481.4   497.2     5.00     4.65
4.65     YES                    NO
 L0000787         0   0.15324E-04  371091.3 3809491.4   497.1     5.00     4.65
4.65     YES                    NO
 L0000788         0   0.15324E-04  371091.5 3809501.4   497.0     5.00     4.65
4.65     YES                    NO
 L0000789         0   0.15324E-04  371091.6 3809511.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000790         0   0.15324E-04  371091.8 3809521.4   496.7     5.00     4.65
4.65     YES                    NO
 L0000791         0   0.15324E-04  371091.9 3809531.4   496.6     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.15324E-04  371092.0 3809541.4   496.5     5.00     4.65
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4.65   YES   NO
 L0000793   0   0.15324E-04 371092.2 3809551.4   496.3   5.00   4.65
4.65   YES   NO
 L0000794   0   0.15324E-04 371092.3 3809561.4   496.2   5.00   4.65
4.65   YES   NO
 L0000795   0   0.15324E-04 371092.5 3809571.4   496.1   5.00   4.65
4.65   YES   NO
 L0000796   0   0.15324E-04 371092.6 3809581.4   495.9   5.00   4.65
4.65   YES   NO
 L0000797   0   0.15324E-04 371092.8 3809591.4   495.8   5.00   4.65
4.65   YES   NO
 L0000798   0   0.15324E-04 371092.9 3809601.4   495.7   5.00   4.65
4.65   YES   NO
 L0000799   0   0.15324E-04 371093.0 3809611.4   495.6   5.00   4.65
4.65   YES   NO
 L0000800   0   0.15324E-04 371093.2 3809621.4   495.4   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000808         0   0.15324E-04  371094.3 3809701.4   494.4     5.00     4.65
4.65     YES                    NO
 L0000809         0   0.15324E-04  371094.4 3809711.4   494.3     5.00     4.65
4.65     YES                    NO
 L0000810         0   0.15324E-04  371094.6 3809721.4   494.2     5.00     4.65
4.65     YES                    NO
 L0000811         0   0.15324E-04  371094.7 3809731.4   494.1     5.00     4.65
4.65     YES                    NO
 L0000812         0   0.15324E-04  371094.9 3809741.4   493.9     5.00     4.65
4.65     YES                    NO
 L0000813         0   0.15324E-04  371095.0 3809751.4   493.8     5.00     4.65
4.65     YES                    NO
 L0000814         0   0.15324E-04  371095.2 3809761.4   493.7     5.00     4.65
4.65     YES                    NO
 L0000815         0   0.15324E-04  371095.3 3809771.4   493.5     5.00     4.65
4.65     YES                    NO
 L0000816         0   0.15324E-04  371095.4 3809781.4   493.4     5.00     4.65
4.65     YES                    NO
 L0000817         0   0.15324E-04  371095.6 3809791.4   493.3     5.00     4.65
4.65     YES                    NO
 L0000818         0   0.15324E-04  371095.7 3809801.4   493.2     5.00     4.65
4.65     YES                    NO
 L0000819         0   0.15324E-04  371095.9 3809811.4   493.0     5.00     4.65
4.65     YES                    NO
 L0000820         0   0.15324E-04  371096.0 3809821.4   492.9     5.00     4.65
4.65     YES                    NO
 L0000821         0   0.15324E-04  371096.1 3809831.4   492.8     5.00     4.65
4.65     YES                    NO
 L0000822         0   0.15324E-04  371096.3 3809841.4   492.7     5.00     4.65
4.65     YES                    NO
 L0000823         0   0.15324E-04  371096.4 3809851.4   492.5     5.00     4.65
4.65     YES                    NO
 L0000824         0   0.15324E-04  371096.6 3809861.4   492.4     5.00     4.65
4.65     YES                    NO
 L0000825         0   0.15324E-04  371096.7 3809871.4   492.3     5.00     4.65
4.65     YES                    NO
 L0000826         0   0.15324E-04  371096.9 3809881.4   492.2     5.00     4.65
4.65     YES                    NO
 L0000827         0   0.15324E-04  371097.0 3809891.4   492.0     5.00     4.65
4.65     YES                    NO
 L0000828         0   0.15324E-04  371097.1 3809901.4   491.9     5.00     4.65
4.65     YES                    NO
 L0000829         0   0.15324E-04  371097.3 3809911.4   491.8     5.00     4.65
4.65     YES                    NO
 L0000830         0   0.15324E-04  371097.4 3809921.4   491.6     5.00     4.65
4.65     YES                    NO
 L0000831         0   0.15324E-04  371097.6 3809931.4   491.5     5.00     4.65
4.65     YES                    NO
 L0000832         0   0.15324E-04  371097.7 3809941.4   491.4     5.00     4.65
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4.65 YES NO
L0000833 0 0.15324E-04 371097.8 3809951.4 491.3 5.00 4.65
4.65 YES NO
L0000834 0 0.15324E-04 371095.3 3809958.2 491.2 5.00 4.65
4.65 YES NO
L0000835 0 0.15324E-04 371085.4 3809956.5 491.1 5.00 4.65
4.65 YES NO
L0000836 0 0.15324E-04 371075.6 3809954.8 491.1 5.00 4.65
4.65 YES NO
L0000837 0 0.15324E-04 371065.7 3809953.1 491.0 5.00 4.65
4.65 YES NO
L0000838 0 0.15324E-04 371055.9 3809951.4 491.0 5.00 4.65
4.65 YES NO
L0000839 0 0.15324E-04 371046.0 3809949.7 490.9 5.00 4.65
4.65 YES NO
L0000840 0 0.15324E-04 371036.2 3809947.9 490.9 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000841	0	0.15324E-04	371026.3	3809946.2	490.8	5.00	4.65	4.65	YES	NO	
L0000842	0	0.15324E-04	371016.5	3809944.5	490.8	5.00	4.65	4.65	YES	NO	
L0000843	0	0.15324E-04	371006.6	3809942.8	490.7	5.00	4.65	4.65	YES	NO	
L0000844	0	0.15324E-04	370996.8	3809941.1	490.7	5.00	4.65	4.65	YES	NO	
L0000845	0	0.15324E-04	370986.9	3809939.4	490.6	5.00	4.65	4.65	YES	NO	
L0000846	0	0.15324E-04	370977.1	3809937.7	490.6	5.00	4.65	4.65	YES	NO	
L0000847	0	0.15324E-04	370967.2	3809936.0	490.5	5.00	4.65				

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4.65     YES                    NO
 L0000848         0   0.15324E-04  370957.4 3809934.3   490.5     5.00     4.65
4.65     YES                    NO
 L0000849         0   0.15324E-04  370947.5 3809932.6   490.4     5.00     4.65
4.65     YES                    NO
 L0000850         0   0.15324E-04  370937.7 3809930.8   490.4     5.00     4.65
4.65     YES                    NO
 L0000851         0   0.15324E-04  370927.8 3809929.1   490.3     5.00     4.65
4.65     YES                    NO
 L0000852         0   0.15324E-04  370918.0 3809927.4   490.3     5.00     4.65
4.65     YES                    NO
 L0000853         0   0.15324E-04  370908.1 3809925.7   490.2     5.00     4.65
4.65     YES                    NO
 L0000854         0   0.15324E-04  370898.2 3809924.0   490.2     5.00     4.65
4.65     YES                    NO
 L0000855         0   0.15324E-04  370888.4 3809922.3   490.1     5.00     4.65
4.65     YES                    NO
 L0000856         0   0.15324E-04  370878.5 3809920.6   490.1     5.00     4.65
4.65     YES                    NO
 L0000857         0   0.15324E-04  370868.7 3809918.9   490.1     5.00     4.65
4.65     YES                    NO
 L0000858         0   0.15324E-04  370858.8 3809917.2   490.0     5.00     4.65
4.65     YES                    NO
 L0000859         0   0.15324E-04  370849.0 3809915.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000860         0   0.15324E-04  370839.1 3809913.7   489.9     5.00     4.65
4.65     YES                    NO
 L0000861         0   0.15324E-04  370829.3 3809912.0   489.9     5.00     4.65
4.65     YES                    NO
 L0000862         0   0.15324E-04  370819.4 3809910.3   489.8     5.00     4.65
4.65     YES                    NO
 L0000863         0   0.15324E-04  370809.6 3809908.6   489.8     5.00     4.65
4.65     YES                    NO
 L0000864         0   0.15324E-04  370799.7 3809906.9   489.7     5.00     4.65
4.65     YES                    NO
 L0000865         0   0.15324E-04  370789.9 3809905.2   489.7     5.00     4.65
4.65     YES                    NO
 L0000866         0   0.15324E-04  370780.0 3809903.5   489.6     5.00     4.65
4.65     YES                    NO
 L0000867         0   0.15324E-04  370770.2 3809901.8   489.6     5.00     4.65
4.65     YES                    NO
 L0000868         0   0.15324E-04  370760.3 3809900.1   489.5     5.00     4.65
4.65     YES                    NO
 L0000869         0   0.15324E-04  370750.5 3809898.3   489.5     5.00     4.65
4.65     YES                    NO
 L0000870         0   0.15324E-04  370740.6 3809896.6   489.4     5.00     4.65
4.65     YES                    NO
 L0000871         0   0.15324E-04  370730.8 3809894.9   489.4     5.00     4.65
4.65     YES                    NO
 L0000872         0   0.15324E-04  370720.9 3809893.2   489.3     5.00     4.65
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4.65   YES   NO
 L0000873   0   0.15324E-04 370711.0 3809891.5   489.3   5.00   4.65
4.65   YES   NO
 L0000874   0   0.15324E-04 370701.2 3809889.8   489.2   5.00   4.65
4.65   YES   NO
 L0000875   0   0.15324E-04 370691.3 3809888.1   489.2   5.00   4.65
4.65   YES   NO
 L0000876   0   0.15324E-04 370681.5 3809886.4   489.1   5.00   4.65
4.65   YES   NO
 L0000877   0   0.15324E-04 370671.6 3809884.7   489.1   5.00   4.65
4.65   YES   NO
 L0000878   0   0.15324E-04 370661.8 3809882.9   489.0   5.00   4.65
4.65   YES   NO
 L0000879   0   0.15324E-04 370651.9 3809881.2   489.0   5.00   4.65
4.65   YES   NO
 L0000880   0   0.15324E-04 370642.1 3809879.5   488.9   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000888         0   0.15324E-04  370578.4 3809850.8   489.1     5.00     4.65
4.65     YES                    NO
 L0000889         0   0.15324E-04  370576.7 3809841.0   489.3     5.00     4.65
4.65     YES                    NO
 L0000890         0   0.15324E-04  370575.1 3809831.1   489.6     5.00     4.65
4.65     YES                    NO
 L0000891         0   0.15324E-04  370570.0 3809823.8   489.7     5.00     4.65
4.65     YES                    NO
 L0000892         0   0.15324E-04  370561.0 3809819.3   489.8     5.00     4.65
4.65     YES                    NO
 L0000893         0   0.15324E-04  370552.1 3809814.9   489.8     5.00     4.65
4.65     YES                    NO
 L0000894         0   0.15324E-04  370543.1 3809810.4   489.8     5.00     4.65
4.65     YES                    NO
 L0000895         0   0.15324E-04  370534.2 3809805.9   489.8     5.00     4.65
4.65     YES                    NO
 L0000896         0   0.15324E-04  370525.2 3809801.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000897         0   0.15324E-04  370516.3 3809797.0   489.9     5.00     4.65
4.65     YES                    NO
 L0000898         0   0.15324E-04  370507.3 3809792.5   489.9     5.00     4.65
4.65     YES                    NO
 L0000899         0   0.15324E-04  370506.2 3809783.3   490.1     5.00     4.65
4.65     YES                    NO
 L0000900         0   0.15324E-04  370506.4 3809773.3   490.4     5.00     4.65
4.65     YES                    NO
 L0000901         0   0.15324E-04  370506.6 3809763.3   490.6     5.00     4.65
4.65     YES                    NO
 L0000902         0   0.15324E-04  370506.7 3809753.3   490.8     5.00     4.65
4.65     YES                    NO
 L0000903         0   0.15324E-04  370506.9 3809743.3   491.0     5.00     4.65
4.65     YES                    NO
 L0000904         0   0.15324E-04  370507.1 3809733.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000905         0   0.15324E-04  370507.3 3809723.3   491.5     5.00     4.65
4.65     YES                    NO
 L0000906         0   0.15324E-04  370507.4 3809713.3   491.7     5.00     4.65
4.65     YES                    NO
 L0000907         0   0.15324E-04  370507.6 3809703.3   491.9     5.00     4.65
4.65     YES                    NO
 L0000908         0   0.15324E-04  370507.8 3809693.3   492.2     5.00     4.65
4.65     YES                    NO
 L0000909         0   0.15324E-04  370510.3 3809684.0   492.3     5.00     4.65
4.65     YES                    NO
 L0000910         0   0.15324E-04  370515.7 3809675.6   492.5     5.00     4.65
4.65     YES                    NO
 L0000911         0   0.15324E-04  370521.4 3809667.5   492.6     5.00     4.65
4.65     YES                    NO
 L0000912         0   0.15324E-04  370529.9 3809662.2   492.9     5.00     4.65
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4.65   YES   NO
 L0000913   0   0.15324E-04 370538.4 3809657.0   493.1   5.00   4.65
4.65   YES   NO
 L0000914   0   0.15324E-04 370546.9 3809651.7   493.4   5.00   4.65
4.65   YES   NO
 L0000915   0   0.15324E-04 370555.4 3809646.4   493.6   5.00   4.65
4.65   YES   NO
 L0000916   0   0.15324E-04 370563.9 3809641.2   493.9   5.00   4.65
4.65   YES   NO
 L0000917   0   0.15324E-04 370572.4 3809635.9   494.1   5.00   4.65
4.65   YES   NO
 L0000918   0   0.15324E-04 370580.9 3809630.6   494.4   5.00   4.65
4.65   YES   NO
 L0000919   0   0.15324E-04 370589.4 3809625.3   494.6   5.00   4.65
4.65   YES   NO
 L0000920   0   0.15324E-04 370597.9 3809620.1   494.8   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0000928         0   0.15324E-04  370665.9 3809577.9   496.8     5.00     4.65
4.65     YES                    NO
 L0000929         0   0.15324E-04  370674.4 3809572.6   497.0     5.00     4.65
4.65     YES                    NO
 L0000930         0   0.15324E-04  370682.9 3809567.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000931         0   0.15324E-04  370691.4 3809562.1   497.5     5.00     4.65
4.65     YES                    NO
 L0000932         0   0.15324E-04  370699.9 3809556.8   497.8     5.00     4.65
4.65     YES                    NO
 L0000933         0   0.15324E-04  370708.4 3809551.5   498.0     5.00     4.65
4.65     YES                    NO
 L0000934         0   0.15324E-04  370716.9 3809546.3   498.2     5.00     4.65
4.65     YES                    NO
 L0000935         0   0.15324E-04  370725.4 3809541.0   498.5     5.00     4.65
4.65     YES                    NO
 L0000936         0   0.15324E-04  370733.9 3809535.7   498.7     5.00     4.65
4.65     YES                    NO
 L0000937         0   0.15324E-04  370742.4 3809530.5   499.0     5.00     4.65
4.65     YES                    NO
 L0000938         0   0.15324E-04  370750.9 3809525.2   499.2     5.00     4.65
4.65     YES                    NO
 L0000939         0   0.15324E-04  370759.4 3809519.9   499.5     5.00     4.65
4.65     YES                    NO
 L0000940         0   0.15324E-04  370767.9 3809514.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000941         0   0.15324E-04  370776.4 3809509.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000942         0   0.15324E-04  370784.9 3809504.1   500.2     5.00     4.65
4.65     YES                    NO
 L0000943         0   0.15324E-04  370793.3 3809498.8   500.4     5.00     4.65
4.65     YES                    NO
 L0000944         0   0.15324E-04  370801.8 3809493.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000945         0   0.15324E-04  370809.1 3809486.8   500.9     5.00     4.65
4.65     YES                    NO
 L0000946         0   0.15324E-04  370816.0 3809479.5   501.0     5.00     4.65
4.65     YES                    NO
 L0000947         0   0.15324E-04  370822.9 3809472.3   501.1     5.00     4.65
4.65     YES                    NO
 L0000948         0   0.15324E-04  370829.8 3809465.1   501.2     5.00     4.65
4.65     YES                    NO
 L0000949         0   0.15324E-04  370836.7 3809457.8   501.4     5.00     4.65
4.65     YES                    NO
 L0000950         0   0.15324E-04  370841.2 3809449.8   501.5     5.00     4.65
4.65     YES                    NO
 L0000951         0   0.15324E-04  370840.5 3809439.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.15324E-04  370839.7 3809429.8   502.1     5.00     4.65
```

4.65 YES NO
L0000953 0 0.15324E-04 370838.9 3809419.8 502.4 5.00 4.65
4.65 YES NO
L0000954 0 0.15324E-04 370838.2 3809409.9 502.6 5.00 4.65
4.65 YES NO
L0000955 0 0.15324E-04 370837.4 3809399.9 502.9 5.00 4.65
4.65 YES NO
L0000956 0 0.15324E-04 370836.6 3809389.9 503.2 5.00 4.65
4.65 YES NO
L0000957 0 0.15324E-04 370839.1 3809383.1 503.4 5.00 4.65
4.65 YES NO
L0000958 0 0.15324E-04 370849.1 3809383.8 503.3 5.00 4.65
4.65 YES NO
L0000959 0 0.15324E-04 370859.0 3809384.5 503.3 5.00 4.65
4.65 YES NO
L0000960 0 0.15324E-04 370864.6 3809390.6 503.1 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000961	0	0.15324E-04	370867.2	3809400.2	502.8	5.00	4.65	4.65	YES	NO	
L0000962	0	0.15324E-04	370869.9	3809409.8	502.6	5.00	4.65	4.65	YES	NO	
L0000963	0	0.15324E-04	370872.5	3809419.5	502.3	5.00	4.65	4.65	YES	NO	
L0000964	0	0.15324E-04	370875.2	3809429.1	502.0	5.00	4.65	4.65	YES	NO	
L0000965	0	0.15324E-04	370877.8	3809438.8	501.8	5.00	4.65	4.65	YES	NO	
L0000966	0	0.15324E-04	370880.5	3809448.4	501.5	5.00	4.65	4.65	YES	NO	
L0000967	0	0.15324E-04	370884.0	3809457.4	501.2	5.00	4.65				

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4.65     YES                    NO
 L0000968         0   0.15324E-04  370892.2 3809463.2   500.9     5.00     4.65
4.65     YES                    NO
 L0000969         0   0.15324E-04  370900.3 3809469.1   500.5     5.00     4.65
4.65     YES                    NO
 L0000970         0   0.15324E-04  370908.5 3809474.9   500.1     5.00     4.65
4.65     YES                    NO
 L0000971         0   0.15324E-04  370916.6 3809480.7   499.8     5.00     4.65
4.65     YES                    NO
 L0000972         0   0.15324E-04  370925.7 3809483.4   499.5     5.00     4.65
4.65     YES                    NO
 L0000973         0   0.15324E-04  370935.7 3809483.4   499.3     5.00     4.65
4.65     YES                    NO
 L0000974         0   0.15324E-04  370945.7 3809483.4   499.2     5.00     4.65
4.65     YES                    NO
 L0000975         0   0.15324E-04  370955.7 3809483.4   499.0     5.00     4.65
4.65     YES                    NO
 L0000976         0   0.15324E-04  370965.7 3809483.4   498.8     5.00     4.65
4.65     YES                    NO
 L0000977         0   0.15324E-04  370975.7 3809483.4   498.7     5.00     4.65
4.65     YES                    NO
 L0000978         0   0.15324E-04  370985.7 3809483.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000979         0   0.15324E-04  370995.7 3809483.4   498.4     5.00     4.65
4.65     YES                    NO
 L0000980         0   0.15324E-04  371005.7 3809483.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000981         0   0.15324E-04  371015.7 3809483.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000982         0   0.15324E-04  371025.7 3809483.4   497.9     5.00     4.65
4.65     YES                    NO
 L0000983         0   0.15324E-04  371035.7 3809483.4   497.7     5.00     4.65
4.65     YES                    NO
 L0000984         0   0.15324E-04  371045.7 3809483.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000985         0   0.15324E-04  371055.7 3809483.4   497.4     5.00     4.65
4.65     YES                    NO
 L0000986         0   0.15324E-04  371062.0 3809487.0   497.2     5.00     4.65
4.65     YES                    NO
 L0000987         0   0.15324E-04  371061.6 3809497.0   497.0     5.00     4.65
4.65     YES                    NO
 L0000988         0   0.15324E-04  371061.3 3809507.0   496.9     5.00     4.65
4.65     YES                    NO
 L0000989         0   0.15324E-04  371061.0 3809517.0   496.7     5.00     4.65
4.65     YES                    NO
 L0000990         0   0.15324E-04  371060.7 3809527.0   496.5     5.00     4.65
4.65     YES                    NO
 L0000991         0   0.15324E-04  371060.3 3809537.0   496.4     5.00     4.65
4.65     YES                    NO
 L0000992         0   0.15324E-04  371060.0 3809547.0   496.2     5.00     4.65
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4.65   YES   NO
 L0000993   0   0.15324E-04 371059.7 3809557.0   496.0   5.00   4.65
4.65   YES   NO
 L0000994   0   0.15324E-04 371059.4 3809567.0   495.9   5.00   4.65
4.65   YES   NO
 L0000995   0   0.15324E-04 371059.1 3809577.0   495.7   5.00   4.65
4.65   YES   NO
 L0000996   0   0.15324E-04 371058.7 3809587.0   495.5   5.00   4.65
4.65   YES   NO
 L0000997   0   0.15324E-04 371058.4 3809597.0   495.3   5.00   4.65
4.65   YES   NO
 L0000998   0   0.15324E-04 371058.1 3809607.0   495.2   5.00   4.65
4.65   YES   NO
 L0000999   0   0.15324E-04 371057.8 3809617.0   495.0   5.00   4.65
4.65   YES   NO
 L0001000   0   0.15324E-04 371057.5 3809627.0   494.8   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0001008         0   0.15324E-04  371054.9 3809706.9   493.5     5.00     4.65
4.65     YES                    NO
 L0001009         0   0.15324E-04  371054.6 3809716.9   493.3     5.00     4.65
4.65     YES                    NO
 L0001010         0   0.15324E-04  371054.2 3809726.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001011         0   0.15324E-04  371053.9 3809736.9   493.0     5.00     4.65
4.65     YES                    NO
 L0001012         0   0.15324E-04  371053.6 3809746.9   492.8     5.00     4.65
4.65     YES                    NO
 L0001013         0   0.15324E-04  371053.3 3809756.9   492.6     5.00     4.65
4.65     YES                    NO
 L0001014         0   0.15324E-04  371053.0 3809766.9   492.5     5.00     4.65
4.65     YES                    NO
 L0001015         0   0.15324E-04  371052.6 3809776.9   492.3     5.00     4.65
4.65     YES                    NO
 L0001016         0   0.15324E-04  371052.3 3809786.9   492.1     5.00     4.65
4.65     YES                    NO
 L0001017         0   0.15324E-04  371052.0 3809796.9   492.0     5.00     4.65
4.65     YES                    NO
 L0001018         0   0.15324E-04  371051.7 3809806.9   491.8     5.00     4.65
4.65     YES                    NO
 L0001019         0   0.15324E-04  371051.4 3809816.9   491.6     5.00     4.65
4.65     YES                    NO
 L0001020         0   0.15324E-04  371051.0 3809826.9   491.4     5.00     4.65
4.65     YES                    NO
 L0001021         0   0.15324E-04  371050.7 3809836.9   491.3     5.00     4.65
4.65     YES                    NO
 L0001022         0   0.15324E-04  371050.4 3809846.8   491.1     5.00     4.65
4.65     YES                    NO
 L0001023         0   0.15324E-04  371050.1 3809856.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001024         0   0.15324E-04  371049.8 3809866.8   490.8     5.00     4.65
4.65     YES                    NO
 L0001025         0   0.15324E-04  371049.4 3809876.8   490.6     5.00     4.65
4.65     YES                    NO
 L0001026         0   0.15324E-04  371049.1 3809886.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001027         0   0.15324E-04  371048.8 3809896.8   490.3     5.00     4.65
4.65     YES                    NO
 L0001028         0   0.15324E-04  371048.5 3809906.8   490.1     5.00     4.65
4.65     YES                    NO
 L0001029         0   0.15324E-04  371048.1 3809916.8   489.9     5.00     4.65
4.65     YES                    NO
 L0001030         0   0.15324E-04  371047.8 3809926.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001031         0   0.15324E-04  371041.0 3809928.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001032         0   0.15324E-04  371031.2 3809926.8   489.7     5.00     4.65
```

4.65 YES NO
L0001033 0 0.15324E-04 371021.4 3809924.9 489.7 5.00 4.65
4.65 YES NO
L0001034 0 0.15324E-04 371011.5 3809923.0 489.7 5.00 4.65
4.65 YES NO
L0001035 0 0.15324E-04 371001.7 3809921.2 489.7 5.00 4.65
4.65 YES NO
L0001036 0 0.15324E-04 370991.9 3809919.3 489.7 5.00 4.65
4.65 YES NO
L0001037 0 0.15324E-04 370982.1 3809917.4 489.7 5.00 4.65
4.65 YES NO
L0001038 0 0.15324E-04 370972.3 3809915.5 489.7 5.00 4.65
4.65 YES NO
L0001039 0 0.15324E-04 370962.4 3809913.6 489.7 5.00 4.65
4.65 YES NO
L0001040 0 0.15324E-04 370952.6 3809911.8 489.7 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001041	0	0.15324E-04	370942.8	3809909.9	489.7	5.00	4.65	4.65	YES	NO	
L0001042	0	0.15324E-04	370933.0	3809908.0	489.7	5.00	4.65	4.65	YES	NO	
L0001043	0	0.15324E-04	370923.2	3809906.1	489.7	5.00	4.65	4.65	YES	NO	
L0001044	0	0.15324E-04	370913.3	3809904.2	489.7	5.00	4.65	4.65	YES	NO	
L0001045	0	0.15324E-04	370903.5	3809902.4	489.7	5.00	4.65	4.65	YES	NO	
L0001046	0	0.15324E-04	370893.7	3809900.5	489.7	5.00	4.65	4.65	YES	NO	
L0001047	0	0.15324E-04	370883.9	3809898.6	489.7	5.00	4.65				

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4.65     YES                    NO
 L0001048         0   0.15324E-04  370874.0 3809896.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001049         0   0.15324E-04  370864.2 3809894.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001050         0   0.15324E-04  370854.4 3809893.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001051         0   0.15324E-04  370844.6 3809891.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001052         0   0.15324E-04  370834.8 3809889.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001053         0   0.15324E-04  370824.9 3809887.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001054         0   0.15324E-04  370815.1 3809885.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001055         0   0.15324E-04  370805.3 3809883.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001056         0   0.15324E-04  370795.5 3809881.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001057         0   0.15324E-04  370785.7 3809879.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001058         0   0.15324E-04  370775.8 3809877.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001059         0   0.15324E-04  370766.0 3809876.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001060         0   0.15324E-04  370756.2 3809874.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001061         0   0.15324E-04  370746.4 3809872.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001062         0   0.15324E-04  370736.5 3809870.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001063         0   0.15324E-04  370726.7 3809868.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001064         0   0.15324E-04  370716.9 3809866.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001065         0   0.15324E-04  370707.1 3809864.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001066         0   0.15324E-04  370697.3 3809862.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001067         0   0.15324E-04  370687.4 3809861.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001068         0   0.15324E-04  370677.6 3809859.1   489.8     5.00     4.65
4.65     YES                    NO
 L0001069         0   0.15324E-04  370667.8 3809857.2   489.8     5.00     4.65
4.65     YES                    NO
 L0001070         0   0.15324E-04  370658.0 3809855.3   489.8     5.00     4.65
4.65     YES                    NO
 L0001071         0   0.15324E-04  370648.2 3809853.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001072         0   0.15324E-04  370638.3 3809851.6   489.8     5.00     4.65
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4.65 YES NO
L0001073 0 0.15324E-04 370628.5 3809849.7 489.8 5.00 4.65
4.65 YES NO
L0001074 0 0.15324E-04 370623.8 3809842.0 489.9 5.00 4.65
4.65 YES NO
L0001075 0 0.15324E-04 370620.6 3809832.5 490.0 5.00 4.65
4.65 YES NO
L0001076 0 0.15324E-04 370617.5 3809823.0 490.1 5.00 4.65
4.65 YES NO
L0001077 0 0.15324E-04 370614.3 3809813.5 490.3 5.00 4.65
4.65 YES NO
L0001078 0 0.15324E-04 370611.2 3809804.0 490.4 5.00 4.65
4.65 YES NO
L0001079 0 0.15324E-04 370604.2 3809797.7 490.5 5.00 4.65
4.65 YES NO
L0001080 0 0.15324E-04 370595.4 3809793.0 490.6 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001081	0	0.15324E-04	370586.6	3809788.3	490.7	5.00	4.65	4.65	YES	NO	
L0001082	0	0.15324E-04	370577.7	3809783.6	490.7	5.00	4.65	4.65	YES	NO	
L0001083	0	0.15324E-04	370568.9	3809779.0	490.8	5.00	4.65	4.65	YES	NO	
L0001084	0	0.15324E-04	370560.1	3809774.3	490.9	5.00	4.65	4.65	YES	NO	
L0001085	0	0.15324E-04	370552.6	3809768.7	491.0	5.00	4.65	4.65	YES	NO	
L0001086	0	0.15324E-04	370552.1	3809758.7	491.1	5.00	4.65	4.65	YES	NO	
L0001087	0	0.15324E-04	370551.5	3809748.7	491.2	5.00	4.65				

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4.65     YES                    NO
 L0001088         0   0.15324E-04  370551.0 3809738.7   491.3     5.00     4.65
4.65     YES                    NO
 L0001089         0   0.15324E-04  370550.4 3809728.8   491.4     5.00     4.65
4.65     YES                    NO
 L0001090         0   0.15324E-04  370549.8 3809718.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001091         0   0.15324E-04  370549.3 3809708.8   491.6     5.00     4.65
4.65     YES                    NO
 L0001092         0   0.15324E-04  370555.0 3809702.1   491.8     5.00     4.65
4.65     YES                    NO
 L0001093         0   0.15324E-04  370563.5 3809696.7   492.0     5.00     4.65
4.65     YES                    NO
 L0001094         0   0.15324E-04  370572.0 3809691.4   492.3     5.00     4.65
4.65     YES                    NO
 L0001095         0   0.15324E-04  370580.5 3809686.1   492.5     5.00     4.65
4.65     YES                    NO
 L0001096         0   0.15324E-04  370588.9 3809680.8   492.7     5.00     4.65
4.65     YES                    NO
 L0001097         0   0.15324E-04  370597.4 3809675.5   493.0     5.00     4.65
4.65     YES                    NO
 L0001098         0   0.15324E-04  370605.9 3809670.2   493.2     5.00     4.65
4.65     YES                    NO
 L0001099         0   0.15324E-04  370614.3 3809664.8   493.4     5.00     4.65
4.65     YES                    NO
 L0001100         0   0.15324E-04  370622.8 3809659.5   493.7     5.00     4.65
4.65     YES                    NO
 L0001101         0   0.15324E-04  370631.3 3809654.2   493.9     5.00     4.65
4.65     YES                    NO
 L0001102         0   0.15324E-04  370639.7 3809648.9   494.2     5.00     4.65
4.65     YES                    NO
 L0001103         0   0.15324E-04  370648.2 3809643.6   494.4     5.00     4.65
4.65     YES                    NO
 L0001104         0   0.15324E-04  370656.7 3809638.2   494.6     5.00     4.65
4.65     YES                    NO
 L0001105         0   0.15324E-04  370665.1 3809632.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001106         0   0.15324E-04  370673.6 3809627.6   495.1     5.00     4.65
4.65     YES                    NO
 L0001107         0   0.15324E-04  370682.1 3809622.3   495.3     5.00     4.65
4.65     YES                    NO
 L0001108         0   0.15324E-04  370690.5 3809617.0   495.6     5.00     4.65
4.65     YES                    NO
 L0001109         0   0.15324E-04  370699.0 3809611.6   495.8     5.00     4.65
4.65     YES                    NO
 L0001110         0   0.15324E-04  370707.5 3809606.3   496.1     5.00     4.65
4.65     YES                    NO
 L0001111         0   0.15324E-04  370715.9 3809601.0   496.3     5.00     4.65
4.65     YES                    NO
 L0001112         0   0.15324E-04  370724.4 3809595.7   496.5     5.00     4.65
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4.65 YES NO
L0001113 0 0.15324E-04 370732.9 3809590.4 496.8 5.00 4.65
4.65 YES NO
L0001114 0 0.15324E-04 370741.3 3809585.1 497.0 5.00 4.65
4.65 YES NO
L0001115 0 0.15324E-04 370749.8 3809579.7 497.2 5.00 4.65
4.65 YES NO
L0001116 0 0.15324E-04 370758.3 3809574.4 497.5 5.00 4.65
4.65 YES NO
L0001117 0 0.15324E-04 370766.8 3809569.1 497.7 5.00 4.65
4.65 YES NO
L0001118 0 0.15324E-04 370775.2 3809563.8 497.9 5.00 4.65
4.65 YES NO
L0001119 0 0.15324E-04 370783.7 3809558.5 498.2 5.00 4.65
4.65 YES NO
L0001120 0 0.15324E-04 370792.2 3809553.1 498.4 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001121	0	0.15324E-04	370800.6	3809547.8	498.7	5.00	4.65	4.65	YES	NO	
L0001122	0	0.15324E-04	370809.1	3809542.5	498.9	5.00	4.65	4.65	YES	NO	
L0001123	0	0.15324E-04	370817.6	3809537.2	499.1	5.00	4.65	4.65	YES	NO	
L0001124	0	0.15324E-04	370826.0	3809531.9	499.4	5.00	4.65	4.65	YES	NO	
L0001125	0	0.15324E-04	370834.5	3809526.5	499.6	5.00	4.65	4.65	YES	NO	
L0001126	0	0.15324E-04	370843.0	3809521.2	499.8	5.00	4.65	4.65	YES	NO	
L0001127	0	0.15324E-04	370852.9	3809521.0	499.7	5.00	4.65				

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4.65     YES                    NO
 L0001128         0   0.15324E-04  370862.9 3809520.9   499.6     5.00     4.65
4.65     YES                    NO
 L0001129         0   0.15324E-04  370872.9 3809520.8   499.4     5.00     4.65
4.65     YES                    NO
 L0001130         0   0.15324E-04  370882.9 3809520.7   499.3     5.00     4.65
4.65     YES                    NO
 L0001131         0   0.15324E-04  370892.9 3809520.6   499.1     5.00     4.65
4.65     YES                    NO
 L0001132         0   0.15324E-04  370902.9 3809520.5   499.0     5.00     4.65
4.65     YES                    NO
 L0001133         0   0.15324E-04  370912.9 3809520.4   498.8     5.00     4.65
4.65     YES                    NO
 L0001134         0   0.15324E-04  370922.9 3809520.3   498.7     5.00     4.65
4.65     YES                    NO
 L0001135         0   0.15324E-04  370932.9 3809520.2   498.5     5.00     4.65
4.65     YES                    NO
 L0001136         0   0.15324E-04  370942.9 3809520.1   498.4     5.00     4.65
4.65     YES                    NO
 L0001137         0   0.15324E-04  370952.9 3809520.0   498.2     5.00     4.65
4.65     YES                    NO
 L0001138         0   0.15324E-04  370962.9 3809519.9   498.1     5.00     4.65
4.65     YES                    NO
 L0001139         0   0.15324E-04  370972.9 3809519.8   497.9     5.00     4.65
4.65     YES                    NO
 L0001140         0   0.15324E-04  370982.9 3809519.7   497.8     5.00     4.65
4.65     YES                    NO
 L0001141         0   0.15324E-04  370992.9 3809519.6   497.6     5.00     4.65
4.65     YES                    NO
 L0001142         0   0.15324E-04  371002.9 3809519.5   497.5     5.00     4.65
4.65     YES                    NO
 L0001143         0   0.15324E-04  371012.9 3809519.4   497.3     5.00     4.65
4.65     YES                    NO
 L0001144         0   0.15324E-04  371022.6 3809519.5   497.2     5.00     4.65
4.65     YES                    NO
 L0001145         0   0.15324E-04  371022.2 3809529.5   497.0     5.00     4.65
4.65     YES                    NO
 L0001146         0   0.15324E-04  371021.8 3809539.5   496.8     5.00     4.65
4.65     YES                    NO
 L0001147         0   0.15324E-04  371021.4 3809549.5   496.6     5.00     4.65
4.65     YES                    NO
 L0001148         0   0.15324E-04  371021.0 3809559.5   496.4     5.00     4.65
4.65     YES                    NO
 L0001149         0   0.15324E-04  371020.7 3809569.5   496.2     5.00     4.65
4.65     YES                    NO
 L0001150         0   0.15324E-04  371020.3 3809579.5   496.0     5.00     4.65
4.65     YES                    NO
 L0001151         0   0.15324E-04  371019.9 3809589.5   495.8     5.00     4.65
4.65     YES                    NO
 L0001152         0   0.15324E-04  371019.5 3809599.5   495.6     5.00     4.65
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4.65 YES NO
L0001153 0 0.15324E-04 371019.1 3809609.5 495.4 5.00 4.65
4.65 YES NO
L0001154 0 0.15324E-04 371018.7 3809619.5 495.1 5.00 4.65
4.65 YES NO
L0001155 0 0.15324E-04 371018.3 3809629.5 494.9 5.00 4.65
4.65 YES NO
L0001156 0 0.15324E-04 371017.9 3809639.5 494.7 5.00 4.65
4.65 YES NO
L0001157 0 0.15324E-04 371017.5 3809649.4 494.5 5.00 4.65
4.65 YES NO
L0001158 0 0.15324E-04 371017.1 3809659.4 494.3 5.00 4.65
4.65 YES NO
L0001159 0 0.15324E-04 371016.8 3809669.4 494.1 5.00 4.65
4.65 YES NO
L0001160 0 0.15324E-04 371016.4 3809679.4 493.9 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001161	0	0.15324E-04	371016.0	3809689.4	493.7	5.00	4.65	4.65	YES	NO	
L0001162	0	0.15324E-04	371015.6	3809699.4	493.5	5.00	4.65	4.65	YES	NO	
L0001163	0	0.15324E-04	371015.2	3809709.4	493.3	5.00	4.65	4.65	YES	NO	
L0001164	0	0.15324E-04	371014.8	3809719.4	493.1	5.00	4.65	4.65	YES	NO	
L0001165	0	0.15324E-04	371014.4	3809729.4	492.9	5.00	4.65	4.65	YES	NO	
L0001166	0	0.15324E-04	371014.0	3809739.4	492.7	5.00	4.65	4.65	YES	NO	
L0001167	0	0.15324E-04	371013.6	3809749.4	492.5	5.00	4.65				

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4.65     YES                    NO
 L0001168         0   0.15324E-04  371013.2 3809759.4   492.3     5.00     4.65
4.65     YES                    NO
 L0001169         0   0.15324E-04  371012.9 3809769.4   492.1     5.00     4.65
4.65     YES                    NO
 L0001170         0   0.15324E-04  371012.5 3809779.3   491.9     5.00     4.65
4.65     YES                    NO
 L0001171         0   0.15324E-04  371012.1 3809789.3   491.7     5.00     4.65
4.65     YES                    NO
 L0001172         0   0.15324E-04  371011.7 3809799.3   491.5     5.00     4.65
4.65     YES                    NO
 L0001173         0   0.15324E-04  371011.3 3809809.3   491.2     5.00     4.65
4.65     YES                    NO
 L0001174         0   0.15324E-04  371010.9 3809819.3   491.1     5.00     4.65
4.65     YES                    NO
 L0001175         0   0.15324E-04  371010.5 3809829.3   490.8     5.00     4.65
4.65     YES                    NO
 L0001176         0   0.15324E-04  371010.1 3809839.3   490.6     5.00     4.65
4.65     YES                    NO
 L0001177         0   0.15324E-04  371009.7 3809849.3   490.4     5.00     4.65
4.65     YES                    NO
 L0001178         0   0.15324E-04  371009.3 3809859.3   490.2     5.00     4.65
4.65     YES                    NO
 L0001179         0   0.15324E-04  371009.0 3809869.3   490.0     5.00     4.65
4.65     YES                    NO
 L0001180         0   0.15324E-04  371008.6 3809879.3   489.8     5.00     4.65
4.65     YES                    NO
 L0001181         0   0.15324E-04  371006.0 3809886.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001182         0   0.15324E-04  370996.2 3809884.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001183         0   0.15324E-04  370986.3 3809882.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001184         0   0.15324E-04  370976.5 3809880.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001185         0   0.15324E-04  370966.7 3809878.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001186         0   0.15324E-04  370956.9 3809876.9   489.8     5.00     4.65
4.65     YES                    NO
 L0001187         0   0.15324E-04  370947.1 3809875.0   489.8     5.00     4.65
4.65     YES                    NO
 L0001188         0   0.15324E-04  370937.3 3809873.1   489.9     5.00     4.65
4.65     YES                    NO
 L0001189         0   0.15324E-04  370927.4 3809871.2   489.9     5.00     4.65
4.65     YES                    NO
 L0001190         0   0.15324E-04  370917.6 3809869.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001191         0   0.15324E-04  370907.8 3809867.4   489.9     5.00     4.65
4.65     YES                    NO
 L0001192         0   0.15324E-04  370898.0 3809865.5   490.0     5.00     4.65
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4.65 YES NO
L0001193 0 0.15324E-04 370888.2 3809863.6 490.0 5.00 4.65
4.65 YES NO
L0001194 0 0.15324E-04 370878.4 3809861.7 490.0 5.00 4.65
4.65 YES NO
L0001195 0 0.15324E-04 370868.5 3809859.8 490.1 5.00 4.65
4.65 YES NO
L0001196 0 0.15324E-04 370858.7 3809857.9 490.1 5.00 4.65
4.65 YES NO
L0001197 0 0.15324E-04 370848.9 3809855.9 490.1 5.00 4.65
4.65 YES NO
L0001198 0 0.15324E-04 370839.1 3809854.0 490.1 5.00 4.65
4.65 YES NO
L0001199 0 0.15324E-04 370829.3 3809852.1 490.2 5.00 4.65
4.65 YES NO
L0001200 0 0.15324E-04 370819.5 3809850.2 490.2 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001201	0	0.15324E-04	370809.6	3809848.3	490.2	5.00	4.65	4.65	YES	NO	
L0001202	0	0.15324E-04	370799.8	3809846.4	490.2	5.00	4.65	4.65	YES	NO	
L0001203	0	0.15324E-04	370790.0	3809844.5	490.3	5.00	4.65	4.65	YES	NO	
L0001204	0	0.15324E-04	370780.2	3809842.6	490.3	5.00	4.65	4.65	YES	NO	
L0001205	0	0.15324E-04	370770.4	3809840.7	490.3	5.00	4.65	4.65	YES	NO	
L0001206	0	0.15324E-04	370760.6	3809838.8	490.4	5.00	4.65	4.65	YES	NO	
L0001207	0	0.15324E-04	370750.8	3809836.9	490.4	5.00	4.65				

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4.65     YES                    NO
 L0001208         0   0.15324E-04  370740.9 3809834.9   490.4     5.00     4.65
4.65     YES                    NO
 L0001209         0   0.15324E-04  370731.1 3809833.0   490.4     5.00     4.65
4.65     YES                    NO
 L0001210         0   0.15324E-04  370721.3 3809831.1   490.5     5.00     4.65
4.65     YES                    NO
 L0001211         0   0.15324E-04  370711.5 3809829.2   490.5     5.00     4.65
4.65     YES                    NO
 L0001212         0   0.15324E-04  370701.7 3809827.3   490.5     5.00     4.65
4.65     YES                    NO
 L0001213         0   0.15324E-04  370691.9 3809825.4   490.6     5.00     4.65
4.65     YES                    NO
 L0001214         0   0.15324E-04  370682.9 3809821.8   490.6     5.00     4.65
4.65     YES                    NO
 L0001215         0   0.15324E-04  370675.5 3809815.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001216         0   0.15324E-04  370668.2 3809808.2   490.8     5.00     4.65
4.65     YES                    NO
 L0001217         0   0.15324E-04  370660.8 3809801.5   490.9     5.00     4.65
4.65     YES                    NO
 L0001218         0   0.15324E-04  370653.5 3809794.7   491.0     5.00     4.65
4.65     YES                    NO
 L0001219         0   0.15324E-04  370646.2 3809787.9   491.1     5.00     4.65
4.65     YES                    NO
 L0001220         0   0.15324E-04  370638.8 3809781.1   491.2     5.00     4.65
4.65     YES                    NO
 L0001221         0   0.15324E-04  370631.5 3809774.3   491.3     5.00     4.65
4.65     YES                    NO
 L0001222         0   0.15324E-04  370624.1 3809767.5   491.4     5.00     4.65
4.65     YES                    NO
 L0001223         0   0.15324E-04  370616.8 3809760.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001224         0   0.15324E-04  370609.9 3809753.5   491.7     5.00     4.65
4.65     YES                    NO
 L0001225         0   0.15324E-04  370603.1 3809746.1   491.9     5.00     4.65
4.65     YES                    NO
 L0001226         0   0.15324E-04  370596.4 3809738.8   492.1     5.00     4.65
4.65     YES                    NO
 L0001227         0   0.15324E-04  370595.8 3809729.0   492.3     5.00     4.65
4.65     YES                    NO
 L0001228         0   0.15324E-04  370595.8 3809719.0   492.5     5.00     4.65
4.65     YES                    NO
 L0001229         0   0.15324E-04  370603.7 3809713.4   492.7     5.00     4.65
4.65     YES                    NO
 L0001230         0   0.15324E-04  370612.2 3809708.1   492.9     5.00     4.65
4.65     YES                    NO
 L0001231         0   0.15324E-04  370620.7 3809702.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.15324E-04  370629.2 3809697.6   493.3     5.00     4.65
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4.65   YES   NO
 L0001233   0   0.15324E-04 370637.7 3809692.3   493.4   5.00   4.65
4.65   YES   NO
 L0001234   0   0.15324E-04 370646.2 3809687.0   493.7   5.00   4.65
4.65   YES   NO
 L0001235   0   0.15324E-04 370654.6 3809681.7   493.8   5.00   4.65
4.65   YES   NO
 L0001236   0   0.15324E-04 370663.1 3809676.5   494.0   5.00   4.65
4.65   YES   NO
 L0001237   0   0.15324E-04 370671.6 3809671.2   494.2   5.00   4.65
4.65   YES   NO
 L0001238   0   0.15324E-04 370680.1 3809665.9   494.4   5.00   4.65
4.65   YES   NO
 L0001239   0   0.15324E-04 370688.6 3809660.6   494.6   5.00   4.65
4.65   YES   NO
 L0001240   0   0.15324E-04 370697.1 3809655.3   494.8   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 - - -

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4.65     YES                    NO
 L0001248         0   0.15324E-04  370765.1 3809613.1   496.4     5.00     4.65
4.65     YES                    NO
 L0001249         0   0.15324E-04  370773.6 3809607.8   496.6     5.00     4.65
4.65     YES                    NO
 L0001250         0   0.15324E-04  370782.1 3809602.6   496.7     5.00     4.65
4.65     YES                    NO
 L0001251         0   0.15324E-04  370790.5 3809597.3   496.9     5.00     4.65
4.65     YES                    NO
 L0001252         0   0.15324E-04  370799.0 3809592.0   497.1     5.00     4.65
4.65     YES                    NO
 L0001253         0   0.15324E-04  370807.5 3809586.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001254         0   0.15324E-04  370816.0 3809581.5   497.5     5.00     4.65
4.65     YES                    NO
 L0001255         0   0.15324E-04  370824.5 3809576.2   497.7     5.00     4.65
4.65     YES                    NO
 L0001256         0   0.15324E-04  370833.0 3809570.9   497.9     5.00     4.65
4.65     YES                    NO
 L0001257         0   0.15324E-04  370841.5 3809565.6   498.1     5.00     4.65
4.65     YES                    NO
 L0001258         0   0.15324E-04  370850.6 3809562.3   498.2     5.00     4.65
4.65     YES                    NO
 L0001259         0   0.15324E-04  370860.6 3809562.3   498.0     5.00     4.65
4.65     YES                    NO
 L0001260         0   0.15324E-04  370870.6 3809562.3   497.9     5.00     4.65
4.65     YES                    NO
 L0001261         0   0.15324E-04  370880.6 3809562.3   497.7     5.00     4.65
4.65     YES                    NO
 L0001262         0   0.15324E-04  370890.6 3809562.3   497.6     5.00     4.65
4.65     YES                    NO
 L0001263         0   0.15324E-04  370900.6 3809562.3   497.4     5.00     4.65
4.65     YES                    NO
 L0001264         0   0.15324E-04  370910.6 3809562.3   497.3     5.00     4.65
4.65     YES                    NO
 L0001265         0   0.15324E-04  370920.6 3809562.3   497.1     5.00     4.65
4.65     YES                    NO
 L0001266         0   0.15324E-04  370930.6 3809562.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001267         0   0.15324E-04  370940.6 3809562.3   496.8     5.00     4.65
4.65     YES                    NO
 L0001268         0   0.15324E-04  370950.6 3809562.3   496.7     5.00     4.65
4.65     YES                    NO
 L0001269         0   0.15324E-04  370960.6 3809562.3   496.5     5.00     4.65
4.65     YES                    NO
 L0001270         0   0.15324E-04  370968.8 3809564.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001271         0   0.15324E-04  370968.7 3809574.0   496.2     5.00     4.65
4.65     YES                    NO
 L0001272         0   0.15324E-04  370968.7 3809584.0   495.9     5.00     4.65
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4.65 YES NO
L0001273 0 0.15324E-04 370968.6 3809594.0 495.7 5.00 4.65
4.65 YES NO
L0001274 0 0.15324E-04 370968.5 3809604.0 495.4 5.00 4.65
4.65 YES NO
L0001275 0 0.15324E-04 370968.5 3809614.0 495.2 5.00 4.65
4.65 YES NO
L0001276 0 0.15324E-04 370968.4 3809624.0 495.0 5.00 4.65
4.65 YES NO
L0001277 0 0.15324E-04 370968.4 3809634.0 494.7 5.00 4.65
4.65 YES NO
L0001278 0 0.15324E-04 370968.3 3809644.0 494.5 5.00 4.65
4.65 YES NO
L0001279 0 0.15324E-04 370968.2 3809654.0 494.3 5.00 4.65
4.65 YES NO
L0001280 0 0.15324E-04 370968.2 3809664.0 494.0 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001281	0	0.15324E-04	370968.1	3809674.0	493.8	5.00	4.65	4.65	YES	NO	
L0001282	0	0.15324E-04	370968.0	3809684.0	493.6	5.00	4.65	4.65	YES	NO	
L0001283	0	0.15324E-04	370968.0	3809694.0	493.3	5.00	4.65	4.65	YES	NO	
L0001284	0	0.15324E-04	370967.9	3809704.0	493.1	5.00	4.65	4.65	YES	NO	
L0001285	0	0.15324E-04	370967.9	3809714.0	492.9	5.00	4.65	4.65	YES	NO	
L0001286	0	0.15324E-04	370967.8	3809724.0	492.6	5.00	4.65	4.65	YES	NO	
L0001287	0	0.15324E-04	370967.7	3809734.0	492.4	5.00	4.65				

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4.65     YES                    NO
 L0001288         0   0.15324E-04  370967.7 3809744.0   492.2     5.00     4.65
4.65     YES                    NO
 L0001289         0   0.15324E-04  370967.6 3809754.0   491.9     5.00     4.65
4.65     YES                    NO
 L0001290         0   0.15324E-04  370967.5 3809764.0   491.7     5.00     4.65
4.65     YES                    NO
 L0001291         0   0.15324E-04  370967.5 3809774.0   491.5     5.00     4.65
4.65     YES                    NO
 L0001292         0   0.15324E-04  370967.4 3809784.0   491.2     5.00     4.65
4.65     YES                    NO
 L0001293         0   0.15324E-04  370967.4 3809794.0   491.0     5.00     4.65
4.65     YES                    NO
 L0001294         0   0.15324E-04  370967.3 3809804.0   490.8     5.00     4.65
4.65     YES                    NO
 L0001295         0   0.15324E-04  370967.2 3809814.0   490.5     5.00     4.65
4.65     YES                    NO
 L0001296         0   0.15324E-04  370967.2 3809824.0   490.3     5.00     4.65
4.65     YES                    NO
 L0001297         0   0.15324E-04  370967.1 3809834.0   490.1     5.00     4.65
4.65     YES                    NO
 L0001298         0   0.15324E-04  370967.0 3809844.0   489.8     5.00     4.65
4.65     YES                    NO
 L0001299         0   0.15324E-04  370960.6 3809846.2   489.8     5.00     4.65
4.65     YES                    NO
 L0001300         0   0.15324E-04  370950.8 3809844.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001301         0   0.15324E-04  370940.9 3809842.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001302         0   0.15324E-04  370931.1 3809840.4   490.0     5.00     4.65
4.65     YES                    NO
 L0001303         0   0.15324E-04  370921.3 3809838.5   490.1     5.00     4.65
4.65     YES                    NO
 L0001304         0   0.15324E-04  370911.5 3809836.5   490.2     5.00     4.65
4.65     YES                    NO
 L0001305         0   0.15324E-04  370901.7 3809834.6   490.2     5.00     4.65
4.65     YES                    NO
 L0001306         0   0.15324E-04  370891.9 3809832.7   490.3     5.00     4.65
4.65     YES                    NO
 L0001307         0   0.15324E-04  370882.1 3809830.7   490.4     5.00     4.65
4.65     YES                    NO
 L0001308         0   0.15324E-04  370872.3 3809828.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001309         0   0.15324E-04  370862.5 3809826.9   490.5     5.00     4.65
4.65     YES                    NO
 L0001310         0   0.15324E-04  370852.6 3809824.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001311         0   0.15324E-04  370842.8 3809823.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001312         0   0.15324E-04  370833.0 3809821.1   490.7     5.00     4.65
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4.65 YES NO
L0001313 0 0.15324E-04 370823.2 3809819.1 490.8 5.00 4.65
4.65 YES NO
L0001314 0 0.15324E-04 370813.4 3809817.2 490.9 5.00 4.65
4.65 YES NO
L0001315 0 0.15324E-04 370803.6 3809815.3 491.0 5.00 4.65
4.65 YES NO
L0001316 0 0.15324E-04 370793.8 3809813.3 491.0 5.00 4.65
4.65 YES NO
L0001317 0 0.15324E-04 370784.0 3809811.4 491.1 5.00 4.65
4.65 YES NO
L0001318 0 0.15324E-04 370774.1 3809809.5 491.2 5.00 4.65
4.65 YES NO
L0001319 0 0.15324E-04 370764.3 3809807.5 491.2 5.00 4.65
4.65 YES NO
L0001320 0 0.15324E-04 370754.5 3809805.6 491.3 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001321	0	0.15324E-04	370744.7	3809803.7	491.4	5.00	4.65	4.65	YES	NO	
L0001322	0	0.15324E-04	370734.9	3809801.8	491.5	5.00	4.65	4.65	YES	NO	
L0001323	0	0.15324E-04	370726.3	3809797.4	491.6	5.00	4.65	4.65	YES	NO	
L0001324	0	0.15324E-04	370718.8	3809790.8	491.7	5.00	4.65	4.65	YES	NO	
L0001325	0	0.15324E-04	370711.2	3809784.2	491.9	5.00	4.65	4.65	YES	NO	
L0001326	0	0.15324E-04	370703.7	3809777.7	492.0	5.00	4.65	4.65	YES	NO	
L0001327	0	0.15324E-04	370696.1	3809771.1	492.1	5.00	4.65				

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4.65     YES                    NO
 L0001328         0   0.15324E-04  370688.6 3809764.5   492.3     5.00     4.65
4.65     YES                    NO
 L0001329         0   0.15324E-04  370681.1 3809757.9   492.4     5.00     4.65
4.65     YES                    NO
 L0001330         0   0.15324E-04  370673.5 3809751.4   492.6     5.00     4.65
4.65     YES                    NO
 L0001331         0   0.15324E-04  370666.0 3809744.8   492.7     5.00     4.65
4.65     YES                    NO
 L0001332         0   0.15324E-04  370662.3 3809738.4   492.9     5.00     4.65
4.65     YES                    NO
 L0001333         0   0.15324E-04  370670.4 3809732.5   493.1     5.00     4.65
4.65     YES                    NO
 L0001334         0   0.15324E-04  370678.5 3809726.6   493.4     5.00     4.65
4.65     YES                    NO
 L0001335         0   0.15324E-04  370686.6 3809720.7   493.6     5.00     4.65
4.65     YES                    NO
 L0001336         0   0.15324E-04  370694.6 3809714.8   493.8     5.00     4.65
4.65     YES                    NO
 L0001337         0   0.15324E-04  370702.7 3809708.9   494.1     5.00     4.65
4.65     YES                    NO
 L0001338         0   0.15324E-04  370710.8 3809703.0   494.3     5.00     4.65
4.65     YES                    NO
 L0001339         0   0.15324E-04  370718.9 3809697.1   494.5     5.00     4.65
4.65     YES                    NO
 L0001340         0   0.15324E-04  370727.0 3809691.2   494.8     5.00     4.65
4.65     YES                    NO
 L0001341         0   0.15324E-04  370735.0 3809685.3   495.0     5.00     4.65
4.65     YES                    NO
 L0001342         0   0.15324E-04  370743.1 3809679.4   495.3     5.00     4.65
4.65     YES                    NO
 L0001343         0   0.15324E-04  370751.2 3809673.6   495.5     5.00     4.65
4.65     YES                    NO
 L0001344         0   0.15324E-04  370759.3 3809667.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001345         0   0.15324E-04  370767.3 3809661.8   496.0     5.00     4.65
4.65     YES                    NO
 L0001346         0   0.15324E-04  370775.4 3809655.9   496.2     5.00     4.65
4.65     YES                    NO
 L0001347         0   0.15324E-04  370783.5 3809650.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001348         0   0.15324E-04  370791.6 3809644.1   496.7     5.00     4.65
4.65     YES                    NO
 L0001349         0   0.15324E-04  370800.2 3809639.0   496.8     5.00     4.65
4.65     YES                    NO
 L0001350         0   0.15324E-04  370808.9 3809634.1   496.8     5.00     4.65
4.65     YES                    NO
 L0001351         0   0.15324E-04  370817.6 3809629.1   496.9     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.15324E-04  370826.3 3809624.2   496.9     5.00     4.65
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4.65     YES                    NO
 L0001353         0   0.15324E-04  370835.0 3809619.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001354         0   0.15324E-04  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.15324E-04  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.15324E-04  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.15324E-04  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.15324E-04  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.15324E-04  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.15324E-04  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       11:11:23

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001361         0   0.15324E-04  370907.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 L0001362         0   0.15324E-04  370917.1 3809589.2   497.1     5.00     4.65
4.65     YES                    NO
 L0001363         0   0.15324E-04  370927.1 3809589.2   497.0     5.00     4.65
4.65     YES                    NO
 L0001364         0   0.15324E-04  370936.5 3809589.7   496.9     5.00     4.65
4.65     YES                    NO
 L0001365         0   0.15324E-04  370936.4 3809599.7   496.6     5.00     4.65
4.65     YES                    NO
 L0001366         0   0.15324E-04  370936.2 3809609.7   496.3     5.00     4.65
4.65     YES                    NO
 L0001367         0   0.15324E-04  370936.0 3809619.7   496.1     5.00     4.65
```

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4.65     YES                    NO
 L0001368         0   0.15324E-04  370935.9 3809629.7   495.8     5.00     4.65
4.65     YES                    NO
 L0001369         0   0.15324E-04  370935.7 3809639.7   495.5     5.00     4.65
4.65     YES                    NO
 L0001370         0   0.15324E-04  370935.6 3809649.7   495.2     5.00     4.65
4.65     YES                    NO
 L0001371         0   0.15324E-04  370935.4 3809659.7   494.9     5.00     4.65
4.65     YES                    NO
 L0001372         0   0.15324E-04  370935.2 3809669.7   494.6     5.00     4.65
4.65     YES                    NO
 L0001373         0   0.15324E-04  370935.1 3809679.7   494.4     5.00     4.65
4.65     YES                    NO
 L0001374         0   0.15324E-04  370934.9 3809689.7   494.1     5.00     4.65
4.65     YES                    NO
 L0001375         0   0.15324E-04  370934.8 3809699.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001376         0   0.15324E-04  370934.6 3809709.7   493.5     5.00     4.65
4.65     YES                    NO
 L0001377         0   0.15324E-04  370934.4 3809719.7   493.2     5.00     4.65
4.65     YES                    NO
 L0001378         0   0.15324E-04  370934.3 3809729.7   492.9     5.00     4.65
4.65     YES                    NO
 L0001379         0   0.15324E-04  370934.1 3809739.7   492.6     5.00     4.65
4.65     YES                    NO
 L0001380         0   0.15324E-04  370934.0 3809749.7   492.4     5.00     4.65
4.65     YES                    NO
 L0001381         0   0.15324E-04  370933.8 3809759.7   492.1     5.00     4.65
4.65     YES                    NO
 L0001382         0   0.15324E-04  370933.6 3809769.7   491.8     5.00     4.65
4.65     YES                    NO
 L0001383         0   0.15324E-04  370933.5 3809779.7   491.5     5.00     4.65
4.65     YES                    NO
 L0001384         0   0.15324E-04  370933.3 3809789.7   491.2     5.00     4.65
4.65     YES                    NO
 L0001385         0   0.15324E-04  370933.2 3809799.7   490.9     5.00     4.65
4.65     YES                    NO
 L0001386         0   0.15324E-04  370933.0 3809809.7   490.7     5.00     4.65
4.65     YES                    NO
 L0001387         0   0.15324E-04  370926.8 3809811.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001388         0   0.15324E-04  370917.1 3809809.5   490.7     5.00     4.65
4.65     YES                    NO
 L0001389         0   0.15324E-04  370907.4 3809807.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001390         0   0.15324E-04  370897.7 3809804.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001391         0   0.15324E-04  370888.0 3809802.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001392         0   0.15324E-04  370878.3 3809800.0   491.2     5.00     4.65
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4.65 YES NO
L0001393 0 0.15324E-04 370868.5 3809797.6 491.3 5.00 4.65
4.65 YES NO
L0001394 0 0.15324E-04 370858.8 3809795.2 491.4 5.00 4.65
4.65 YES NO
L0001395 0 0.15324E-04 370849.1 3809792.8 491.5 5.00 4.65
4.65 YES NO
L0001396 0 0.15324E-04 370839.4 3809790.5 491.6 5.00 4.65
4.65 YES NO
L0001397 0 0.15324E-04 370829.7 3809788.1 491.7 5.00 4.65
4.65 YES NO
L0001398 0 0.15324E-04 370820.0 3809785.7 491.8 5.00 4.65
4.65 YES NO
L0001399 0 0.15324E-04 370810.3 3809783.3 491.9 5.00 4.65
4.65 YES NO
L0001400 0 0.15324E-04 370800.6 3809780.9 492.1 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001401	0	0.15324E-04	370790.8	3809778.6	492.2	5.00	4.65	4.65	YES	NO	
L0001402	0	0.15324E-04	370781.1	3809776.2	492.3	5.00	4.65	4.65	YES	NO	
L0001403	0	0.15324E-04	370771.4	3809773.8	492.4	5.00	4.65	4.65	YES	NO	
L0001404	0	0.15324E-04	370761.7	3809771.4	492.5	5.00	4.65	4.65	YES	NO	
L0001405	0	0.15324E-04	370752.0	3809769.0	492.6	5.00	4.65	4.65	YES	NO	
L0001406	0	0.15324E-04	370744.9	3809762.4	492.8	5.00	4.65	4.65	YES	NO	
L0001407	0	0.15324E-04	370738.5	3809754.8	493.0	5.00	4.65				

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4.65     YES                    NO
 L0001408         0   0.15324E-04  370732.1 3809747.1   493.2     5.00     4.65
4.65     YES                    NO
 L0001409         0   0.15324E-04  370733.8 3809737.3   493.2     5.00     4.65
4.65     YES                    NO
 L0001410         0   0.15324E-04  370735.6 3809727.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001411         0   0.15324E-04  370743.9 3809721.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001412         0   0.15324E-04  370752.3 3809716.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001413         0   0.15324E-04  370760.7 3809710.9   493.6     5.00     4.65
4.65     YES                    NO
 L0001414         0   0.15324E-04  370769.0 3809705.5   493.8     5.00     4.65
4.65     YES                    NO
 L0001415         0   0.15324E-04  370777.4 3809700.0   493.9     5.00     4.65
4.65     YES                    NO
 L0001416         0   0.15324E-04  370785.7 3809694.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001417         0   0.15324E-04  370794.1 3809689.0   494.2     5.00     4.65
4.65     YES                    NO
 L0001418         0   0.15324E-04  370802.5 3809683.5   494.3     5.00     4.65
4.65     YES                    NO
 L0001419         0   0.15324E-04  370810.8 3809678.1   494.4     5.00     4.65
4.65     YES                    NO
 L0001420         0   0.15324E-04  370819.2 3809672.6   494.5     5.00     4.65
4.65     YES                    NO
 L0001421         0   0.15324E-04  370827.6 3809667.1   494.7     5.00     4.65
4.65     YES                    NO
 L0001422         0   0.15324E-04  370835.9 3809661.6   494.8     5.00     4.65
4.65     YES                    NO
 L0001423         0   0.15324E-04  370844.3 3809656.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001424         0   0.15324E-04  370852.7 3809650.7   495.1     5.00     4.65
4.65     YES                    NO
 L0001425         0   0.15324E-04  370861.0 3809645.2   495.2     5.00     4.65
4.65     YES                    NO
 L0001426         0   0.15324E-04  370869.4 3809639.7   495.3     5.00     4.65
4.65     YES                    NO
 L0001427         0   0.15324E-04  370877.8 3809634.2   495.5     5.00     4.65
4.65     YES                    NO
 L0001428         0   0.15324E-04  370886.1 3809628.8   495.6     5.00     4.65
4.65     YES                    NO
 L0001429         0   0.15324E-04  370895.6 3809625.6   496.2     5.00     4.65
4.65     YES                    NO
 L0001430         0   0.15324E-04  370902.4 3809626.1   496.5     5.00     4.65
4.65     YES                    NO
 L0001431         0   0.15324E-04  370902.4 3809636.1   496.2     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.15324E-04  370902.4 3809646.1   495.9     5.00     4.65
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4.65     YES                    NO
 L0001433         0   0.15324E-04  370902.4 3809656.1   495.6     5.00     4.65
4.65     YES                    NO
 L0001434         0   0.15324E-04  370902.4 3809666.1   495.3     5.00     4.65
4.65     YES                    NO
 L0001435         0   0.15324E-04  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.15324E-04  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.15324E-04  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.15324E-04  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.15324E-04  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.15324E-04  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001441         0   0.15324E-04  370902.4 3809736.1   493.0     5.00     4.65
4.65     YES                    NO
 L0001442         0   0.15324E-04  370902.4 3809746.1   492.7     5.00     4.65
4.65     YES                    NO
 L0001443         0   0.15324E-04  370902.4 3809756.1   492.4     5.00     4.65
4.65     YES                    NO
 L0001444         0   0.15324E-04  370902.4 3809766.1   492.1     5.00     4.65
4.65     YES                    NO
 L0001445         0   0.15324E-04  370902.4 3809776.1   491.8     5.00     4.65
4.65     YES                    NO
 L0001446         0   0.15324E-04  370895.9 3809777.9   491.7     5.00     4.65
4.65     YES                    NO
 L0001447         0   0.15324E-04  370886.1 3809775.7   491.8     5.00     4.65
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4.65     YES                    NO
 L0001448         0   0.15324E-04  370876.3 3809773.6   491.9     5.00     4.65
4.65     YES                    NO
 L0001449         0   0.15324E-04  370866.6 3809771.4   492.0     5.00     4.65
4.65     YES                    NO
 L0001450         0   0.15324E-04  370856.8 3809769.2   492.1     5.00     4.65
4.65     YES                    NO
 L0001451         0   0.15324E-04  370847.0 3809767.1   492.2     5.00     4.65
4.65     YES                    NO
 L0001452         0   0.15324E-04  370837.3 3809764.9   492.3     5.00     4.65
4.65     YES                    NO
 L0001453         0   0.15324E-04  370827.5 3809762.8   492.4     5.00     4.65
4.65     YES                    NO
 L0001454         0   0.15324E-04  370817.7 3809760.6   492.5     5.00     4.65
4.65     YES                    NO
 L0001455         0   0.15324E-04  370808.0 3809758.5   492.6     5.00     4.65
4.65     YES                    NO
 L0001456         0   0.15324E-04  370798.2 3809756.3   492.7     5.00     4.65
4.65     YES                    NO
 L0001457         0   0.15324E-04  370788.4 3809754.2   492.8     5.00     4.65
4.65     YES                    NO
 L0001458         0   0.15324E-04  370781.4 3809750.8   492.9     5.00     4.65
4.65     YES                    NO
 L0001459         0   0.15324E-04  370786.5 3809742.2   493.1     5.00     4.65
4.65     YES                    NO
 L0001460         0   0.15324E-04  370791.5 3809733.5   493.4     5.00     4.65
4.65     YES                    NO
 L0001461         0   0.15324E-04  370798.7 3809726.9   493.6     5.00     4.65
4.65     YES                    NO
 L0001462         0   0.15324E-04  370807.0 3809721.2   493.7     5.00     4.65
4.65     YES                    NO
 L0001463         0   0.15324E-04  370815.2 3809715.5   493.9     5.00     4.65
4.65     YES                    NO
 L0001464         0   0.15324E-04  370823.4 3809709.8   494.1     5.00     4.65
4.65     YES                    NO
 L0001465         0   0.15324E-04  370831.6 3809704.1   494.2     5.00     4.65
4.65     YES                    NO
 L0001466         0   0.15324E-04  370839.8 3809698.4   494.4     5.00     4.65
4.65     YES                    NO
 L0001467         0   0.15324E-04  370848.0 3809692.7   494.5     5.00     4.65
4.65     YES                    NO
 L0001468         0   0.15324E-04  370856.2 3809687.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001469         0   0.15324E-04  370864.4 3809681.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001470         0   0.15324E-04  370872.6 3809675.5   495.0     5.00     4.65
4.65     YES                    NO
 L0001471         0   0.15324E-04  370875.5 3809679.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.15324E-04  370875.5 3809689.9   494.6     5.00     4.65
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

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L0000054    , L0000055    , L0000056    ,

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L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

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L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

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L0000118    , L0000119    , L0000120    ,

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L0000126    , L0000127    , L0000128    ,

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L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
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L0000302 , L0000303 , L0000304 ,

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L0000313 , L0000314 , L0000315 , L0000316 , L0000317 ,
L0000318 , L0000319 , L0000320 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000321 , L0000322 , L0000323 , L0000324 , L0000325 ,
L0000326 , L0000327 , L0000328 ,

L0000329 , L0000330 , L0000331 , L0000332 , L0000333 ,
L0000334 , L0000335 , L0000336 ,

L0000337 , L0000338 , L0000339 , L0000340 , L0000341 ,
L0000342 , L0000343 , L0000344 ,

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L0000382    , L0000383    , L0000384    ,

             L0000385    , L0000386    , L0000387    , L0000388    , L0000389    ,
L0000390    , L0000391    , L0000392    ,

             L0000393    , L0000394    , L0000395    , L0000396    , L0000397    ,
L0000398    , L0000399    , L0000400    ,

             L0000401    , L0000402    , L0000403    , L0000404    , L0000405    ,
L0000406    , L0000407    , L0000408    ,

             L0000409    , L0000410    , L0000411    , L0000412    , L0000413    ,
L0000414    , L0000415    , L0000416    ,

             L0000417    , L0000418    , L0000419    , L0000420    , L0000421    ,
L0000422    , L0000423    , L0000424    ,

             L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    , L0000431    , L0000432    ,

             L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    , L0000439    , L0000440    ,

             L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    , L0000447    , L0000448    ,

             L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    , L0000455    , L0000456    ,

             L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
L0000462    , L0000463    , L0000464    ,

             L0000465    , L0000466    , L0000467    , L0000468    , L0000469    ,
L0000470    , L0000471    , L0000472    ,

             L0000473    , L0000474    , L0000475    , L0000476    , L0000477    ,
L0000478    , L0000479    , L0000480    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
	L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 , L0000536 ,
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	L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 ,
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000721    , L0000722    , L0000723    , L0000724    , L0000725    ,
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L0000734    , L0000735    , L0000736    ,

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0001190    , L0001191    , L0001192    ,

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L0001238    , L0001239    , L0001240    ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001305 , L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 ,
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,

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↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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	L0000177	L0000178	L0000179	L0000180	L0000181	L0000182	L0000183	L0000184	
	L0000185	L0000186	L0000187	L0000188	L0000189	L0000190	L0000191	L0000192	
	L0000193	L0000194	L0000195	L0000196	L0000197	L0000198	L0000199	L0000200	
	L0000201	L0000202	L0000203	L0000204	L0000205	L0000206	L0000207	L0000208	
	L0000209	L0000210	L0000211	L0000212	L0000213	L0000214	L0000215	L0000216	
	L0000217	L0000218	L0000219	L0000220	L0000221	L0000222	L0000223	L0000224	
	L0000225	L0000226	L0000227	L0000228	L0000229	L0000230	L0000231	L0000232	
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	L0000249	L0000250	L0000251	L0000252	L0000253	L0000254	L0000255	L0000256	
	L0000257	L0000258	L0000259	L0000260	L0000261	L0000262	L0000263	L0000264	
	L0000265	L0000266	L0000267	L0000268	L0000269	L0000270	L0000271	L0000272	
	L0000273	L0000274	L0000275	L0000276	L0000277	L0000278	L0000279	L0000280	
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                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                            *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
		L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 ,
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		L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000504 ,
		L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,
		L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 ,
		L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
		L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 , L0000536 ,
		L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 ,
		L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 ,
		L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 ,
		L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 ,
		L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 ,
		L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,
		L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 ,
		L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 ,
		L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,

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L0000614   , L0000615   , L0000616   ,

             L0000617   , L0000618   , L0000619   , L0000620   , L0000621   ,
L0000622   , L0000623   , L0000624   ,

             L0000625   , L0000626   , L0000627   , L0000628   , L0000629   ,
L0000630   , L0000631   , L0000632   ,

             L0000633   , L0000634   , L0000635   , L0000636   , L0000637   ,
L0000638   , L0000639   , L0000640   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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L0000678   , L0000679   , L0000680   ,

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L0000718    , L0000719    , L0000720    ,

             L0000721    , L0000722    , L0000723    , L0000724    , L0000725    ,
L0000726    , L0000727    , L0000728    ,

             L0000729    , L0000730    , L0000731    , L0000732    , L0000733    ,
L0000734    , L0000735    , L0000736    ,

             L0000737    , L0000738    , L0000739    , L0000740    , L0000741    ,
L0000742    , L0000743    , L0000744    ,

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L0000758    , L0000759    , L0000760    ,

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L0000766    , L0000767    , L0000768    ,

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L0000798    , L0000799    , L0000800    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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URBAN ID	URBAN POP	SOURCE IDs
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		L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
		L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
		L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
		L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
		L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,
		L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 ,
		L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,
		L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,
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		L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,
		L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,
		L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 ,
		L0000921 , L0000922 , L0000923 , L0000924 , L0000925 ,

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L0000950 , L0000951 , L0000952 ,

L0000953 , L0000954 , L0000955 , L0000956 , L0000957 ,
L0000958 , L0000959 , L0000960 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0000961 , L0000962 , L0000963 , L0000964 , L0000965 ,
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L0000998 , L0000999 , L0001000 ,

L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,
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             L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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	L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,	
	L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,	
	L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,	
	L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,	
	L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,	
	L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,	
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	L0001233 , L0001234 , L0001235 , L0001236 , L0001237 , L0001238 , L0001239 , L0001240 ,	
	L0001241 , L0001242 , L0001243 , L0001244 , L0001245 ,	

L0001246   , L0001247   , L0001248   ,

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L0001278   , L0001279   , L0001280   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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L0001310   , L0001311   , L0001312   ,

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L0001318   , L0001319   , L0001320   ,

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L0001406    , L0001407    , L0001408    ,

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L0001422    , L0001423    , L0001424    ,

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L0001438    , L0001439    , L0001440    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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             L0001441   , L0001442   , L0001443   , L0001444   , L0001445   ,
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L0001470   , L0001471   , L0001472   ,

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L0001478   , L0001479   , L0001480   ,

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

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3808389.0,     527.6,    1482.1,       0.0);
     ( 370482.8, 3808369.2,     530.6,    1482.1,       0.0);         ( 370501.0,
3808349.5,     526.3,    1482.1,       0.0);
     ( 370519.3, 3808329.7,     517.1,    1482.1,       0.0);         ( 370537.6,
3808310.0,     516.7,    1482.1,       0.0);
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     ( 370556.0, 3808290.2,     517.1,    1482.1,       0.0);         ( 370574.2,
3808270.5,     520.9,    1482.1,       0.0);
     ( 370601.5, 3808249.9,     513.5,    1482.1,       0.0);         ( 370628.3,
3808247.5,     514.2,    1482.1,       0.0);
     ( 370655.1, 3808245.1,     514.5,    1482.1,       0.0);         ( 370682.0,
3808242.8,     514.8,    1482.1,       0.0);
     ( 370708.8, 3808240.4,     515.8,    1482.1,       0.0);         ( 370735.6,
3808238.0,     517.5,    1482.1,       0.0);
     ( 370762.4, 3808235.6,     519.4,    1482.1,       0.0);         ( 370789.2,
3808233.2,     522.2,    1482.1,       0.0);
     ( 370816.1, 3808230.8,     523.1,    1482.1,       0.0);         ( 370842.9,
3808228.4,     528.1,    1482.1,       0.0);
     ( 370869.7, 3808226.0,     531.8,    1482.1,       0.0);         ( 370896.5,
3808223.6,     531.2,    1482.1,       0.0);
     ( 370923.3, 3808221.2,     533.9,    1482.1,       0.0);         ( 370261.8,
3808470.4,     519.4,    1482.1,       0.0);
     ( 370280.1, 3808450.6,     514.9,    1482.1,       0.0);         ( 370298.4,
3808430.9,     508.1,    1482.1,       0.0);
     ( 370316.7, 3808411.1,     507.6,    1482.1,       0.0);         ( 370335.0,
3808391.4,     508.7,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 370353.3, 3808371.6,     509.0,    1482.1,       0.0);         ( 370371.6,
3808351.9,     510.8,    1482.1,       0.0);
     ( 370389.9, 3808332.1,     519.8,    1482.1,       0.0);         ( 370408.2,
3808312.4,     525.1,    1482.1,       0.0);
     ( 370426.5, 3808292.6,     522.6,    1482.1,       0.0);         ( 370444.8,
3808272.9,     517.3,    1482.1,       0.0);
     ( 370463.1, 3808253.1,     513.3,    1482.1,       0.0);         ( 370481.4,
3808233.4,     510.7,    1482.1,       0.0);
     ( 370499.7, 3808213.6,     509.9,    1482.1,       0.0);         ( 370518.0,
3808193.9,     509.2,    1482.1,       0.0);
     ( 370536.3, 3808174.1,     509.2,    1482.1,       0.0);         ( 370557.4,
3808160.2,     509.4,    1482.1,       0.0);
     ( 370584.3, 3808157.8,     510.4,    1482.1,       0.0);         ( 370611.1,
3808155.4,     510.9,    1482.1,       0.0);
     ( 370637.9, 3808153.0,     511.7,    1482.1,       0.0);         ( 370664.7,
3808150.6,     512.5,    1482.1,       0.0);
     ( 370691.5, 3808148.2,     514.9,    1482.1,       0.0);         ( 370718.4,
3808145.8,     517.7,    1482.1,       0.0);
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     ( 370745.2, 3808143.4,     525.1,    1482.1,       0.0);         ( 370772.0,
3808141.0,     535.7,    1482.1,       0.0);
     ( 370798.8, 3808138.6,     542.7,    1482.1,       0.0);         ( 370825.6,
3808136.2,     545.6,    1482.1,       0.0);
     ( 370852.5, 3808133.8,     544.2,    1482.1,       0.0);         ( 370879.3,
3808131.4,     545.2,    1482.1,       0.0);
     ( 370906.1, 3808129.0,     555.5,    1482.1,       0.0);         ( 370932.9,
3808126.6,     569.5,    1482.1,       0.0);
     ( 370959.7, 3808124.2,     574.1,    1482.1,       0.0);         ( 370784.7,
3808704.5,     532.4,    1482.1,       0.0);
     ( 370779.1, 3808743.4,     531.3,    1482.1,       0.0);         ( 370760.0,
3808700.9,     533.1,    1482.1,       0.0);
     ( 370754.3, 3808739.8,     531.9,    1482.1,       0.0);         ( 370735.2,
3808697.3,     531.5,    1482.1,       0.0);
     ( 370729.6, 3808736.2,     528.3,    1482.1,       0.0);         ( 370713.6,
3808682.3,     533.3,    1482.1,       0.0);
     ( 370707.7, 3808713.2,     527.7,    1482.1,       0.0);         ( 370702.0,
3808752.1,     526.5,    1482.1,       0.0);
     ( 370615.6, 3808664.2,     534.9,    1482.1,       0.0);         ( 370608.7,
3808698.8,     531.0,    1482.1,       0.0);
     ( 370603.1, 3808737.8,     528.7,    1482.1,       0.0);         ( 370517.1,
3808648.0,     536.5,    1482.1,       0.0);
     ( 370526.3, 3808613.8,     536.4,    1482.1,       0.0);         ( 370509.8,
3808684.5,     534.6,    1482.1,       0.0);
     ( 370504.1, 3808723.4,     535.6,    1482.1,       0.0);         ( 370418.5,
3808632.5,     533.4,    1482.1,       0.0);
     ( 370428.2, 3808596.1,     530.7,    1482.1,       0.0);         ( 370410.8,
3808670.1,     536.5,    1482.1,       0.0);
     ( 370405.1, 3808709.1,     540.1,    1482.1,       0.0);         ( 370319.7,
3808617.4,     532.9,    1482.1,       0.0);
     ( 370329.9, 3808579.4,     529.5,    1482.1,       0.0);         ( 370340.1,
3808541.5,     528.3,    1482.1,       0.0);
     ( 370311.8, 3808655.8,     530.4,    1482.1,       0.0);         ( 370306.2,
3808694.7,     527.7,    1482.1,       0.0);
     ( 370220.2, 3808604.9,     516.8,    1482.1,       0.0);         ( 370229.4,
3808570.8,     515.6,    1482.1,       0.0);
     ( 370238.6, 3808536.6,     517.9,    1482.1,       0.0);         ( 370247.7,
3808502.5,     521.0,    1482.1,       0.0);
     ( 370212.8, 3808641.5,     517.6,    1482.1,       0.0);         ( 370207.2,
3808680.4,     518.6,    1482.1,       0.0);
     ( 370771.8, 3808772.6,     530.6,    1482.1,       0.0);         ( 370748.5,
3808763.5,     530.3,    1482.1,       0.0);
     ( 370719.3, 3808769.7,     527.3,    1482.1,       0.0);         ( 370768.9,
3808811.6,     528.8,    1482.1,       0.0);
     ( 370793.5, 3808845.4,     525.2,    1482.1,       0.0);         ( 370744.1,
3808814.8,     523.9,    1482.1,       0.0);
     ( 370741.1, 3808791.0,     527.8,    1482.1,       0.0);         ( 370761.0,
3808843.2,     521.5,    1482.1,       0.0);
     ( 370721.6, 3808823.7,     517.5,    1482.1,       0.0);         ( 370740.7,
3808857.8,     513.5,    1482.1,       0.0);
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(370702.1, 3808840.3, 510.5, 1482.1, 0.0); (370692.0, 3808793.3, 523.8, 1482.1, 0.0);
(370720.5, 3808872.5, 510.1, 1482.1, 0.0); (370620.0, 3808895.9, 507.4, 1482.1, 0.0);
(370605.4, 3808859.2, 512.8, 1482.1, 0.0); (370593.2, 3808802.8, 525.7, 1482.1, 0.0);
(370598.0, 3808763.6, 527.0, 1482.1, 0.0); (370639.5, 3808931.2, 506.7, 1482.1, 0.0);
(370539.5, 3808955.8, 519.0, 1482.1, 0.0); (370525.8, 3808921.3, 522.2, 1482.1, 0.0);
(370512.1, 3808886.9, 519.3, 1482.1, 0.0); (370498.5, 3808852.5, 515.8, 1482.1, 0.0);
(370493.9, 3808816.9, 519.2, 1482.1, 0.0); (370498.3, 3808780.1, 527.0, 1482.1, 0.0);
(370558.6, 3808989.9, 509.7, 1482.1, 0.0); (370458.0, 3809013.3, 506.8, 1482.1, 0.0);
(370443.5, 3808976.6, 506.4, 1482.1, 0.0); (370428.9, 3808939.9, 513.5, 1482.1, 0.0);
(370414.3, 3808903.1, 520.5, 1482.1, 0.0); (370399.7, 3808866.4, 526.1, 1482.1, 0.0);
(370394.8, 3808828.4, 525.0, 1482.1, 0.0); (370399.6, 3808789.2, 532.2, 1482.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370404.4, 3808749.9, 536.4, 1482.1, 0.0); (370477.6, 3809048.6, 509.5, 1482.1, 0.0);
(370376.8, 3809071.3, 503.4, 1482.1, 0.0); (370361.6, 3809033.0, 505.6, 1482.1, 0.0);
(370346.4, 3808994.8, 514.3, 1482.1, 0.0); (370331.2, 3808956.5, 516.2, 1482.1, 0.0);
(370316.0, 3808918.2, 525.9, 1482.1, 0.0); (370300.9, 3808879.9, 534.4, 1482.1, 0.0);
(370295.8, 3808840.4, 537.2, 1482.1, 0.0); (370300.7, 3808799.5, 539.4, 1482.1, 0.0);
(370305.7, 3808758.6, 531.5, 1482.1, 0.0); (370310.7, 3808717.8, 526.4, 1482.1, 0.0);
(370396.7, 3809107.3, 503.2, 1482.1, 0.0); (370296.1, 3809130.8, 503.2, 1482.1, 0.0);
(370281.6, 3809094.0, 505.4, 1482.1, 0.0); (370267.0, 3809057.3, 518.3, 1482.1, 0.0);

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     ( 370252.4, 3809020.5,     516.8,    1482.1,       0.0);         ( 370237.8,
3808983.8,     522.4,    1482.1,       0.0);
     ( 370223.2, 3808947.1,     522.1,    1482.1,       0.0);         ( 370208.7,
3808910.3,     521.0,    1482.1,       0.0);
     ( 370196.5, 3808854.0,     519.4,    1482.1,       0.0);         ( 370201.3,
3808814.8,     524.2,    1482.1,       0.0);
     ( 370206.0, 3808775.5,     520.6,    1482.1,       0.0);         ( 370210.8,
3808736.3,     520.4,    1482.1,       0.0);
     ( 370315.7, 3809166.0,     498.8,    1482.1,       0.0);         ( 370621.8,
3808774.3,     525.1,    1482.1,       0.0);
     ( 370525.9, 3808746.1,     531.3,    1482.1,       0.0);         ( 370429.9,
3808717.9,     533.9,    1482.1,       0.0);
     ( 370334.0, 3808689.7,     531.7,    1482.1,       0.0);         ( 370238.1,
3808661.5,     520.7,    1482.1,       0.0);
     ( 370782.0, 3808878.9,     523.0,    1482.1,       0.0);         ( 370757.1,
3808877.1,     519.4,    1482.1,       0.0);
     ( 370612.5, 3808816.8,     521.5,    1482.1,       0.0);         ( 370316.2,
3808779.4,     538.4,    1482.1,       0.0);
     ( 370228.1, 3808707.5,     521.5,    1482.1,       0.0);         ( 370773.1,
3808925.1,     516.5,    1482.1,       0.0);
     ( 370748.5, 3808920.4,     515.8,    1482.1,       0.0);         ( 370723.9,
3808915.8,     513.4,    1482.1,       0.0);
     ( 370699.4, 3808911.1,     509.1,    1482.1,       0.0);         ( 370772.5,
3808952.9,     512.3,    1482.1,       0.0);
     ( 370772.3, 3808976.2,     510.6,    1482.1,       0.0);         ( 370772.1,
3808999.6,     509.6,    1482.1,       0.0);
     ( 370771.9, 3809023.0,     508.7,    1482.1,       0.0);         ( 370771.8,
3809046.3,     508.0,    1482.1,       0.0);
     ( 370771.6, 3809069.7,     507.5,    1482.1,       0.0);         ( 370771.4,
3809093.0,     507.0,    1482.1,       0.0);
     ( 370771.3, 3809116.4,     506.6,    1482.1,       0.0);         ( 370771.1,
3809139.7,     507.1,    1482.1,       0.0);
     ( 370770.9, 3809163.1,     507.8,    1482.1,       0.0);         ( 370747.5,
3808952.7,     511.4,    1482.1,       0.0);
     ( 370747.3, 3808976.1,     509.9,    1482.1,       0.0);         ( 370747.1,
3808999.4,     509.2,    1482.1,       0.0);
     ( 370747.0, 3809022.8,     508.5,    1482.1,       0.0);         ( 370746.8,
3809046.1,     507.8,    1482.1,       0.0);
     ( 370746.6, 3809069.5,     507.3,    1482.1,       0.0);         ( 370746.4,
3809092.8,     506.8,    1482.1,       0.0);
     ( 370746.3, 3809116.2,     506.2,    1482.1,       0.0);         ( 370746.1,
3809139.5,     505.9,    1482.1,       0.0);
     ( 370745.9, 3809162.9,     505.7,    1482.1,       0.0);         ( 370722.5,
3808952.5,     510.7,    1482.1,       0.0);
     ( 370722.3, 3808975.9,     509.3,    1482.1,       0.0);         ( 370722.1,
3808999.2,     509.0,    1482.1,       0.0);
     ( 370722.0, 3809022.6,     508.6,    1482.1,       0.0);         ( 370721.8,
3809045.9,     507.9,    1482.1,       0.0);
     ( 370721.6, 3809069.3,     507.2,    1482.1,       0.0);         ( 370721.4,
3809092.6,     506.5,    1482.1,       0.0);
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(370721.3, 3809116.0, 505.9, 1482.1, 0.0); (370721.1, 3809139.4, 505.3, 1482.1, 0.0);
(370720.9, 3809162.7, 505.0, 1482.1, 0.0); (370697.5, 3808952.4, 508.8, 1482.1, 0.0);
(370697.3, 3808975.7, 508.2, 1482.1, 0.0); (370697.1, 3808999.1, 508.2, 1482.1, 0.0);
(370697.0, 3809022.4, 507.9, 1482.1, 0.0); (370696.8, 3809045.8, 507.5, 1482.1, 0.0);
(370696.6, 3809069.1, 506.9, 1482.1, 0.0); (370696.4, 3809092.5, 506.4, 1482.1, 0.0);
(370696.3, 3809115.8, 506.2, 1482.1, 0.0); (370696.1, 3809139.2, 505.1, 1482.1, 0.0);
(370695.9, 3809162.5, 504.6, 1482.1, 0.0); (370599.4, 3808910.4, 508.4, 1482.1, 0.0);
(370597.5, 3808951.6, 506.4, 1482.1, 0.0); (370597.3, 3808975.0, 506.0, 1482.1, 0.0);
(370597.1, 3808998.3, 505.6, 1482.1, 0.0); (370597.0, 3809021.7, 505.2, 1482.1, 0.0);
(370596.8, 3809045.0, 505.0, 1482.1, 0.0); (370596.6, 3809068.4, 504.6, 1482.1, 0.0);
(370596.4, 3809091.8, 504.3, 1482.1, 0.0); (370596.3, 3809115.1, 503.9, 1482.1, 0.0);
(370596.1, 3809138.4, 503.4, 1482.1, 0.0); (370595.9, 3809161.8, 503.0, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370499.4, 3808909.6, 520.4, 1482.1, 0.0); (370497.5, 3808950.9, 514.4, 1482.1, 0.0);
(370497.3, 3808974.3, 511.0, 1482.1, 0.0); (370497.1, 3808997.6, 510.7, 1482.1, 0.0);
(370497.0, 3809021.0, 508.9, 1482.1, 0.0); (370496.6, 3809067.7, 507.6, 1482.1, 0.0);
(370496.4, 3809091.0, 507.4, 1482.1, 0.0); (370496.3, 3809114.4, 507.5, 1482.1, 0.0);
(370496.1, 3809137.7, 504.6, 1482.1, 0.0); (370495.9, 3809161.1, 502.7, 1482.1, 0.0);
(370397.6, 3808926.8, 524.5, 1482.1, 0.0); (370397.5, 3808950.2, 517.7, 1482.1, 0.0);
(370397.3, 3808973.5, 510.1, 1482.1, 0.0); (370397.1, 3808996.9, 506.9, 1482.1, 0.0);

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     ( 370397.0, 3809020.2,     505.3,    1482.1,       0.0);         ( 370396.8,
3809043.6,     504.1,    1482.1,       0.0);
     ( 370396.1, 3809137.0,     506.7,    1482.1,       0.0);         ( 370395.9,
3809160.4,     511.0,    1482.1,       0.0);
     ( 370297.5, 3808949.5,     527.4,    1482.1,       0.0);         ( 370297.3,
3808972.8,     526.9,    1482.1,       0.0);
     ( 370297.1, 3808996.2,     527.7,    1482.1,       0.0);         ( 370297.0,
3809019.5,     519.6,    1482.1,       0.0);
     ( 370296.8, 3809042.9,     514.2,    1482.1,       0.0);         ( 370296.6,
3809066.2,     510.3,    1482.1,       0.0);
     ( 370201.8, 3808882.4,     518.7,    1482.1,       0.0);         ( 370197.5,
3808948.7,     517.2,    1482.1,       0.0);
     ( 370197.3, 3808972.1,     517.6,    1482.1,       0.0);         ( 370197.1,
3808995.4,     512.1,    1482.1,       0.0);
     ( 370197.0, 3809018.8,     506.0,    1482.1,       0.0);         ( 370196.8,
3809042.1,     507.4,    1482.1,       0.0);
     ( 370196.6, 3809065.5,     512.7,    1482.1,       0.0);         ( 370196.5,
3809088.8,     506.4,    1482.1,       0.0);
     ( 370196.3, 3809112.2,     506.4,    1482.1,       0.0);         ( 370196.1,
3809135.6,     507.2,    1482.1,       0.0);
     ( 370196.0, 3809158.9,     507.5,    1482.1,       0.0);         ( 370770.9,
3809206.2,     507.7,    1482.1,       0.0);
     ( 370770.9, 3809249.2,     505.4,    1482.1,       0.0);         ( 370745.9,
3809206.2,     505.1,    1482.1,       0.0);
     ( 370745.9, 3809249.2,     504.2,    1482.1,       0.0);         ( 370720.9,
3809206.2,     504.5,    1482.1,       0.0);
     ( 370720.9, 3809249.2,     503.1,    1482.1,       0.0);         ( 370695.9,
3809206.2,     504.1,    1482.1,       0.0);
     ( 370695.9, 3809249.2,     502.5,    1482.1,       0.0);         ( 370595.9,
3809184.7,     502.7,    1482.1,       0.0);
     ( 370595.9, 3809227.7,     502.1,    1482.1,       0.0);         ( 370595.9,
3809270.7,     501.0,    1482.1,       0.0);
     ( 370495.9, 3809184.7,     503.2,    1482.1,       0.0);         ( 370495.9,
3809227.7,     505.8,    1482.1,       0.0);
     ( 370495.9, 3809270.7,     508.1,    1482.1,       0.0);         ( 370395.9,
3809184.7,     514.9,    1482.1,       0.0);
     ( 370395.9, 3809227.7,     506.7,    1482.1,       0.0);         ( 370395.9,
3809270.7,     501.1,    1482.1,       0.0);
     ( 370295.9, 3809184.7,     498.2,    1482.1,       0.0);         ( 370295.9,
3809227.7,     496.5,    1482.1,       0.0);
     ( 370295.9, 3809270.7,     495.5,    1482.1,       0.0);         ( 370195.9,
3809184.7,     505.5,    1482.1,       0.0);
     ( 370195.9, 3809227.7,     499.3,    1482.1,       0.0);         ( 370195.9,
3809270.7,     492.9,    1482.1,       0.0);
     ( 370795.6, 3809245.7,     506.0,    1482.1,       0.0);         ( 370795.2,
3809220.7,     508.0,    1482.1,       0.0);
     ( 370794.8, 3809195.7,     508.8,    1482.1,       0.0);         ( 370794.5,
3809170.7,     508.6,    1482.1,       0.0);
     ( 370712.0, 3809285.8,     500.9,    1482.1,       0.0);         ( 370687.2,
3809282.2,     500.8,    1482.1,       0.0);
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     ( 370667.2, 3808796.5,     523.9,    1482.1,       0.0);         ( 370241.7,
3809218.6,     504.7,    1482.1,       0.0);
     ( 370153.5, 3809171.4,     495.5,    1482.1,       0.0);         ( 370170.0,
3809141.0,     499.4,    1482.1,       0.0);
     ( 370219.3, 3809049.6,     513.5,    1482.1,       0.0);         ( 370260.5,
3808973.5,     525.8,    1482.1,       0.0);
     ( 370285.2, 3808927.8,     528.9,    1482.1,       0.0);         ( 370326.3,
3808851.6,     537.3,    1482.1,       0.0);
     ( 370358.9, 3808814.9,     531.5,    1482.1,       0.0);         ( 370423.5,
3808790.0,     532.7,    1482.1,       0.0);
     ( 370455.8, 3808777.6,     530.7,    1482.1,       0.0);         ( 370552.7,
3808740.2,     530.5,    1482.1,       0.0);
     ( 370633.5, 3808709.0,     528.7,    1482.1,       0.0);         ( 370665.8,
3808696.5,     530.6,    1482.1,       0.0);
     ( 370142.7, 3809204.4,     494.1,    1482.1,       0.0);         ( 370715.8,
3809324.1,     502.4,    1482.1,       0.0);
     ( 370732.3, 3809341.9,     503.0,    1482.1,       0.0);         ( 370748.8,
3809359.6,     502.8,    1482.1,       0.0);
     ( 370691.1, 3809320.6,     501.7,    1482.1,       0.0);         ( 370714.0,
3809358.9,     502.4,    1482.1,       0.0);
     ( 370730.5, 3809376.6,     502.2,    1482.1,       0.0);         ( 370672.8,
3809337.6,     501.7,    1482.1,       0.0);
     ( 370695.7, 3809375.9,     501.7,    1482.1,       0.0);         ( 370712.2,
3809393.7,     501.7,    1482.1,       0.0);
     ( 370654.5, 3809354.6,     501.0,    1482.1,       0.0);         ( 370641.6,
3809313.5,     500.2,    1482.1,       0.0);
     ( 370677.4, 3809392.9,     501.0,    1482.1,       0.0);         ( 370693.9,
3809410.7,     500.9,    1482.1,       0.0);
     ( 370581.2, 3809422.6,     497.9,    1482.1,       0.0);         ( 370568.3,
3809381.5,     497.5,    1482.1,       0.0);
     ( 370555.5, 3809340.4,     499.2,    1482.1,       0.0);         ( 370542.6,
3809299.3,     499.7,    1482.1,       0.0);
     ( 370604.1, 3809460.9,     498.1,    1482.1,       0.0);         ( 370507.3,
3809488.8,     495.9,    1482.1,       0.0);
     ( 370500.3, 3809466.4,     496.1,    1482.1,       0.0);         ( 370493.3,
3809444.0,     496.1,    1482.1,       0.0);
     ( 370486.3, 3809421.5,     496.3,    1482.1,       0.0);         ( 370479.2,
3809399.1,     496.7,    1482.1,       0.0);
     ( 370472.2, 3809376.7,     496.9,    1482.1,       0.0);         ( 370465.2,
3809354.3,     496.8,    1482.1,       0.0);
     ( 370458.2, 3809331.9,     496.6,    1482.1,       0.0);         ( 370451.2,
3809309.5,     496.8,    1482.1,       0.0);
     ( 370444.2, 3809287.1,     498.7,    1482.1,       0.0);         ( 370514.3,
3809511.2,     495.8,    1482.1,       0.0);
     ( 370530.8, 3809529.0,     496.2,    1482.1,       0.0);         ( 370434.2,
3809557.3,     494.8,    1482.1,       0.0);
     ( 370427.3, 3809535.4,     494.0,    1482.1,       0.0);         ( 370420.5,
3809513.5,     493.9,    1482.1,       0.0);
     ( 370413.6, 3809491.6,     493.1,    1482.1,       0.0);         ( 370406.8,
3809469.7,     494.0,    1482.1,       0.0);
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     ( 370399.9, 3809447.8,     494.5,    1482.1,       0.0);         ( 370393.0,
3809425.8,     494.7,    1482.1,       0.0);
     ( 370386.2, 3809403.9,     495.0,    1482.1,       0.0);         ( 370379.3,
3809382.0,     496.5,    1482.1,       0.0);
     ( 370372.5, 3809360.1,     500.7,    1482.1,       0.0);         ( 370365.6,
3809338.2,     504.1,    1482.1,       0.0);
     ( 370358.8, 3809316.2,     505.9,    1482.1,       0.0);         ( 370351.9,
3809294.3,     506.3,    1482.1,       0.0);
     ( 370345.0, 3809272.4,     505.9,    1482.1,       0.0);         ( 370441.0,
3809579.3,     499.4,    1482.1,       0.0);
     ( 370360.6, 3809624.5,     491.8,    1482.1,       0.0);         ( 370353.5,
3809601.6,     491.6,    1482.1,       0.0);
     ( 370346.3, 3809578.8,     491.7,    1482.1,       0.0);         ( 370339.2,
3809556.0,     491.1,    1482.1,       0.0);
     ( 370332.0, 3809533.1,     491.9,    1482.1,       0.0);         ( 370324.9,
3809510.3,     492.5,    1482.1,       0.0);
     ( 370317.8, 3809487.5,     492.8,    1482.1,       0.0);         ( 370310.6,
3809464.7,     493.7,    1482.1,       0.0);
     ( 370303.5, 3809441.8,     497.8,    1482.1,       0.0);         ( 370296.3,
3809419.0,     502.9,    1482.1,       0.0);
     ( 370289.2, 3809396.2,     508.5,    1482.1,       0.0);         ( 370282.0,
3809373.3,     507.8,    1482.1,       0.0);
     ( 370274.9, 3809350.5,     503.3,    1482.1,       0.0);         ( 370267.8,
3809327.7,     497.3,    1482.1,       0.0);
     ( 370260.6, 3809304.8,     493.5,    1482.1,       0.0);         ( 370253.5,
3809282.0,     494.2,    1482.1,       0.0);
     ( 370246.3, 3809259.2,     495.4,    1482.1,       0.0);         ( 370367.8,
3809647.3,     492.5,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 370384.3, 3809665.1,     491.4,    1482.1,       0.0);         ( 370400.8,
3809682.8,     491.2,    1482.1,       0.0);
     ( 370287.5, 3809692.9,     489.2,    1482.1,       0.0);         ( 370280.5,
3809670.5,     489.3,    1482.1,       0.0);
     ( 370273.4, 3809648.1,     489.6,    1482.1,       0.0);         ( 370266.4,
3809625.7,     489.8,    1482.1,       0.0);
     ( 370259.4, 3809603.3,     490.2,    1482.1,       0.0);         ( 370252.4,
3809580.8,     490.8,    1482.1,       0.0);
     ( 370245.4, 3809558.4,     492.9,    1482.1,       0.0);         ( 370238.4,
3809536.0,     496.5,    1482.1,       0.0);
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     ( 370231.4, 3809513.6,     501.0,    1482.1,       0.0);         ( 370224.3,
3809491.2,     502.5,    1482.1,       0.0);
     ( 370217.3, 3809468.8,     498.0,    1482.1,       0.0);         ( 370210.3,
3809446.3,     498.6,    1482.1,       0.0);
     ( 370203.3, 3809423.9,     502.4,    1482.1,       0.0);         ( 370196.3,
3809401.5,     499.2,    1482.1,       0.0);
     ( 370189.3, 3809379.1,     492.9,    1482.1,       0.0);         ( 370182.3,
3809356.7,     490.4,    1482.1,       0.0);
     ( 370175.3, 3809334.3,     490.8,    1482.1,       0.0);         ( 370168.2,
3809311.9,     490.9,    1482.1,       0.0);
     ( 370161.2, 3809289.4,     491.0,    1482.1,       0.0);         ( 370154.2,
3809267.0,     491.5,    1482.1,       0.0);
     ( 370147.2, 3809244.6,     492.4,    1482.1,       0.0);         ( 370294.5,
3809715.3,     489.0,    1482.1,       0.0);
     ( 370311.0, 3809733.1,     488.9,    1482.1,       0.0);         ( 370327.5,
3809750.9,     489.4,    1482.1,       0.0);
     ( 370741.3, 3809400.6,     501.6,    1482.1,       0.0);         ( 370266.4,
3809393.8,     511.3,    1482.1,       0.0);
     ( 370166.7, 3809372.9,     490.1,    1482.1,       0.0);         ( 370572.0,
3809171.5,     502.5,    1482.1,       0.0);
     ( 370538.1, 3809196.3,     502.2,    1482.1,       0.0);         ( 370436.8,
3809022.6,     504.9,    1482.1,       0.0);
     ( 370864.1, 3809066.9,     512.8,    1482.1,       0.0);         ( 370901.3,
3808974.0,     515.8,    1482.1,       0.0);
     ( 370938.4, 3808881.2,     520.8,    1482.1,       0.0);         ( 370666.4,
3809421.4,     500.1,    1482.1,       0.0);
     ( 370646.9, 3809432.9,     499.4,    1482.1,       0.0);         ( 370627.3,
3809444.4,     498.8,    1482.1,       0.0);
     ( 370568.7, 3809479.0,     497.1,    1482.1,       0.0);         ( 370549.1,
3809490.5,     496.5,    1482.1,       0.0);
     ( 370490.5, 3809525.0,     497.4,    1482.1,       0.0);         ( 370653.7,
3809399.9,     500.2,    1482.1,       0.0);
     ( 370634.2, 3809411.4,     499.6,    1482.1,       0.0);         ( 370614.6,
3809422.9,     499.1,    1482.1,       0.0);
     ( 370575.5, 3809445.9,     497.6,    1482.1,       0.0);         ( 370556.0,
3809457.4,     497.2,    1482.1,       0.0);
     ( 370536.5, 3809468.9,     496.7,    1482.1,       0.0);         ( 370477.8,
3809503.4,     495.6,    1482.1,       0.0);
     ( 370676.8, 3809361.8,     501.3,    1482.1,       0.0);         ( 370641.0,
3809378.3,     500.3,    1482.1,       0.0);
     ( 370621.5, 3809389.8,     499.6,    1482.1,       0.0);         ( 370601.9,
3809401.4,     498.8,    1482.1,       0.0);
     ( 370543.3, 3809435.9,     496.6,    1482.1,       0.0);         ( 370523.8,
3809447.4,     496.4,    1482.1,       0.0);
     ( 370465.1, 3809481.9,     495.1,    1482.1,       0.0);         ( 370628.3,
3809356.8,     500.3,    1482.1,       0.0);
     ( 370608.8, 3809368.3,     499.2,    1482.1,       0.0);         ( 370550.2,
3809402.8,     497.2,    1482.1,       0.0);
     ( 370530.6, 3809414.3,     496.5,    1482.1,       0.0);         ( 370511.1,
3809425.8,     495.6,    1482.1,       0.0);
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(370452.5, 3809460.4, 494.2, 1482.1, 0.0); (370618.7, 3809252.3, 501.6, 1482.1, 0.0);
(370558.1, 3809282.1, 500.5, 1482.1, 0.0); (370519.0, 3809305.1, 504.5, 1482.1, 0.0);
(370499.4, 3809316.7, 503.6, 1482.1, 0.0); (370440.8, 3809351.2, 496.1, 1482.1, 0.0);
(370421.3, 3809362.7, 495.7, 1482.1, 0.0); (370401.7, 3809374.2, 495.4, 1482.1, 0.0);
(370632.8, 3809145.9, 503.8, 1482.1, 0.0); (370654.3, 3809139.1, 504.2, 1482.1, 0.0);
(370546.4, 3809172.9, 502.3, 1482.1, 0.0); (370370.5, 3809276.5, 507.1, 1482.1, 0.0);
(370560.4, 3809066.5, 504.6, 1482.1, 0.0); (370625.2, 3809046.2, 505.7, 1482.1, 0.0);
(370646.8, 3809039.4, 506.3, 1482.1, 0.0); (370456.6, 3809109.8, 506.2, 1482.1, 0.0);
(370437.1, 3809121.3, 510.9, 1482.1, 0.0); (370339.3, 3809178.8, 499.4, 1482.1, 0.0);
(370319.8, 3809190.3, 498.0, 1482.1, 0.0); (370574.5, 3808960.0, 510.0, 1482.1, 0.0);
(370794.9, 3808953.5, 514.2, 1482.1, 0.0); (370862.0, 3808963.8, 514.4, 1482.1, 0.0);
(370347.2, 3809058.1, 505.4, 1482.1, 0.0); (370249.5, 3809115.7, 518.2, 1482.1, 0.0);
(370545.3, 3808867.0, 526.7, 1482.1, 0.0); (370566.9, 3808860.3, 527.3, 1482.1, 0.0);
(370631.6, 3808840.0, 515.7, 1482.1, 0.0); (370675.6, 3808836.6, 512.6, 1482.1, 0.0);
(370899.2, 3808871.0, 522.9, 1482.1, 0.0); (370374.7, 3808925.9, 526.3, 1482.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370355.1, 3808937.4, 521.8, 1482.1, 0.0); (370471.1, 3809541.1, 499.9, 1482.1, 0.0);
(370454.9, 3809522.0, 495.2, 1482.1, 0.0); (370407.3, 3809562.6, 493.1, 1482.1, 0.0);
(370391.0, 3809543.6, 492.9, 1482.1, 0.0); (370390.7, 3809511.1, 492.9, 1482.1, 0.0);
(370357.5, 3809407.9, 494.4, 1482.1, 0.0); (370325.8, 3809435.0, 495.3, 1482.1, 0.0);

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     ( 370322.6, 3809308.2,     499.5,    1482.1,       0.0);         ( 370292.6,
3809331.9,     502.1,    1482.1,       0.0);
     ( 370245.0, 3809372.5,     503.4,    1482.1,       0.0);         ( 370271.9,
3809222.0,     498.1,    1482.1,       0.0);
     ( 370221.2, 3809135.9,     510.5,    1482.1,       0.0);         ( 370115.2,
3809220.3,     493.4,    1482.1,       0.0);
     ( 370127.9, 3809080.0,     497.7,    1482.1,       0.0);         ( 370156.2,
3809059.8,     499.7,    1482.1,       0.0);
     ( 370097.8, 3809103.7,     500.6,    1482.1,       0.0);         ( 370066.1,
3809130.7,     497.6,    1482.1,       0.0);
     ( 370417.8, 3809588.6,     494.2,    1482.1,       0.0);         ( 370404.3,
3809613.1,     494.4,    1482.1,       0.0);
     ( 370389.2, 3809588.8,     492.6,    1482.1,       0.0);         ( 370374.0,
3809564.5,     492.7,    1482.1,       0.0);
     ( 370359.7, 3809543.1,     492.7,    1482.1,       0.0);         ( 370272.2,
3809494.8,     493.2,    1482.1,       0.0);
     ( 370287.2, 3809476.3,     495.9,    1482.1,       0.0);         ( 370257.8,
3809516.3,     493.5,    1482.1,       0.0);
     ( 370185.5, 3809445.3,     493.4,    1482.1,       0.0);         ( 370219.5,
3809403.7,     509.6,    1482.1,       0.0);
     ( 370170.3, 3809468.0,     488.7,    1482.1,       0.0);         ( 370097.7,
3809397.4,     487.9,    1482.1,       0.0);
     ( 370114.2, 3809377.2,     488.3,    1482.1,       0.0);         ( 370130.7,
3809357.0,     489.1,    1482.1,       0.0);
     ( 370147.1, 3809336.8,     490.0,    1482.1,       0.0);         ( 370082.7,
3809419.7,     487.3,    1482.1,       0.0);
     ( 370010.6, 3809348.5,     490.5,    1482.1,       0.0);         ( 370028.1,
3809327.1,     490.5,    1482.1,       0.0);
     ( 370045.5, 3809305.8,     494.6,    1482.1,       0.0);         ( 370062.9,
3809284.4,     499.2,    1482.1,       0.0);
     ( 370080.3, 3809263.0,     500.2,    1482.1,       0.0);         ( 370097.8,
3809241.7,     495.9,    1482.1,       0.0);
     ( 369995.2, 3809371.4,     493.0,    1482.1,       0.0);         ( 369922.9,
3809300.4,     495.2,    1482.1,       0.0);
     ( 369939.9, 3809279.6,     504.7,    1482.1,       0.0);         ( 369956.8,
3809258.8,     511.2,    1482.1,       0.0);
     ( 369973.8, 3809238.0,     508.9,    1482.1,       0.0);         ( 369990.8,
3809217.1,     516.4,    1482.1,       0.0);
     ( 370007.8, 3809196.3,     519.5,    1482.1,       0.0);         ( 370024.8,
3809175.5,     505.5,    1482.1,       0.0);
     ( 370041.8, 3809154.7,     499.2,    1482.1,       0.0);         ( 369907.6,
3809323.1,     493.4,    1482.1,       0.0);
     ( 370401.2, 3809644.3,     496.0,    1482.1,       0.0);         ( 370376.2,
3809701.4,     490.2,    1482.1,       0.0);
     ( 370351.2, 3809663.3,     490.8,    1482.1,       0.0);         ( 370351.2,
3809701.4,     490.0,    1482.1,       0.0);
     ( 370330.3, 3809609.1,     491.0,    1482.1,       0.0);         ( 370326.2,
3809644.3,     490.6,    1482.1,       0.0);
     ( 370326.2, 3809682.3,     489.8,    1482.1,       0.0);         ( 370230.3,
3809609.1,     490.0,    1482.1,       0.0);
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     ( 370226.2, 3809644.3,     489.0,    1482.1,       0.0);         ( 370226.2,
3809682.3,     488.3,    1482.1,       0.0);
     ( 370130.8, 3809607.1,     486.9,    1482.1,       0.0);         ( 370140.2,
3809570.9,     487.9,    1482.1,       0.0);
     ( 370149.5, 3809534.6,     490.2,    1482.1,       0.0);         ( 370158.8,
3809498.4,     489.2,    1482.1,       0.0);
     ( 370126.2, 3809644.3,     486.7,    1482.1,       0.0);         ( 370126.2,
3809682.3,     486.8,    1482.1,       0.0);
     ( 370030.7, 3809607.7,     485.6,    1482.1,       0.0);         ( 370039.8,
3809572.5,     487.2,    1482.1,       0.0);
     ( 370048.8, 3809537.4,     487.7,    1482.1,       0.0);         ( 370057.8,
3809502.3,     487.0,    1482.1,       0.0);
     ( 370066.9, 3809467.1,     487.2,    1482.1,       0.0);         ( 370026.2,
3809644.3,     484.3,    1482.1,       0.0);
     ( 370026.2, 3809682.3,     484.3,    1482.1,       0.0);         ( 369930.6,
3809608.0,     482.4,    1482.1,       0.0);
     ( 369939.5, 3809573.5,     483.0,    1482.1,       0.0);         ( 369948.4,
3809539.0,     483.6,    1482.1,       0.0);
     ( 369957.3, 3809504.5,     484.0,    1482.1,       0.0);         ( 369966.2,
3809469.9,     484.3,    1482.1,       0.0);
     ( 369975.1, 3809435.4,     486.6,    1482.1,       0.0);         ( 369984.0,
3809400.9,     491.7,    1482.1,       0.0);
     ( 369926.2, 3809644.3,     482.3,    1482.1,       0.0);         ( 369926.2,
3809682.3,     482.2,    1482.1,       0.0);
     ( 369830.8, 3809607.1,     483.9,    1482.1,       0.0);         ( 369840.2,
3809570.9,     484.1,    1482.1,       0.0);
     ( 369849.5, 3809534.6,     485.7,    1482.1,       0.0);         ( 369858.8,
3809498.4,     486.9,    1482.1,       0.0);
     ( 369868.2, 3809462.2,     486.8,    1482.1,       0.0);         ( 369877.5,
3809425.9,     486.9,    1482.1,       0.0);
     ( 369886.8, 3809389.7,     488.6,    1482.1,       0.0);         ( 369896.2,
3809353.5,     491.0,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 369826.2, 3809644.3,     489.7,    1482.1,       0.0);         ( 369826.2,
3809682.3,     491.9,    1482.1,       0.0);
     ( 370416.5, 3809664.6,     495.2,    1482.1,       0.0);         ( 370270.0,
3809550.8,     491.2,    1482.1,       0.0);
     ( 370291.2, 3809537.0,     491.6,    1482.1,       0.0);         ( 370355.1,
3809495.6,     493.4,    1482.1,       0.0);
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     ( 370378.2, 3809491.3,     493.9,    1482.1,       0.0);         ( 370187.7,
3809493.9,     493.7,    1482.1,       0.0);
     ( 370241.0, 3809459.4,     502.8,    1482.1,       0.0);         ( 370262.2,
3809445.6,     501.2,    1482.1,       0.0);
     ( 370326.1, 3809404.2,     498.9,    1482.1,       0.0);         ( 370409.5,
3809403.4,     495.3,    1482.1,       0.0);
     ( 370434.4, 3809408.5,     495.5,    1482.1,       0.0);         ( 370459.2,
3809413.7,     496.0,    1482.1,       0.0);
     ( 370084.6, 3809450.5,     488.4,    1482.1,       0.0);         ( 370106.9,
3809436.1,     489.8,    1482.1,       0.0);
     ( 370129.1, 3809421.7,     491.4,    1482.1,       0.0);         ( 370151.3,
3809407.3,     491.5,    1482.1,       0.0);
     ( 370218.0, 3809364.1,     497.4,    1482.1,       0.0);         ( 370240.2,
3809349.7,     497.4,    1482.1,       0.0);
     ( 370380.9, 3809302.9,     500.4,    1482.1,       0.0);         ( 370406.8,
3809308.3,     496.5,    1482.1,       0.0);
     ( 370523.5, 3809332.7,     499.5,    1482.1,       0.0);         ( 370588.3,
3809346.2,     497.9,    1482.1,       0.0);
     ( 370013.3, 3809386.5,     487.9,    1482.1,       0.0);         ( 370035.4,
3809372.3,     487.6,    1482.1,       0.0);
     ( 370057.4, 3809358.0,     488.0,    1482.1,       0.0);         ( 370079.4,
3809343.7,     488.3,    1482.1,       0.0);
     ( 370101.4, 3809329.4,     489.3,    1482.1,       0.0);         ( 370123.5,
3809315.2,     489.7,    1482.1,       0.0);
     ( 370222.6, 3809250.9,     496.9,    1482.1,       0.0);         ( 370374.9,
3809207.2,     511.2,    1482.1,       0.0);
     ( 370426.3, 3809217.9,     507.1,    1482.1,       0.0);         ( 370529.1,
3809239.4,     501.5,    1482.1,       0.0);
     ( 370567.7, 3809247.4,     501.7,    1482.1,       0.0);         ( 369931.0,
3809329.7,     495.2,    1482.1,       0.0);
     ( 369952.9, 3809315.5,     505.3,    1482.1,       0.0);         ( 369974.8,
3809301.3,     499.8,    1482.1,       0.0);
     ( 369996.7, 3809287.1,     498.4,    1482.1,       0.0);         ( 370018.6,
3809272.9,     505.5,    1482.1,       0.0);
     ( 370040.5, 3809258.8,     509.9,    1482.1,       0.0);         ( 370062.4,
3809244.6,     507.9,    1482.1,       0.0);
     ( 370305.1, 3809098.2,     503.9,    1482.1,       0.0);         ( 370330.7,
3809103.5,     501.6,    1482.1,       0.0);
     ( 370356.2, 3809108.8,     501.4,    1482.1,       0.0);         ( 370471.2,
3809132.8,     506.2,    1482.1,       0.0);
     ( 370522.3, 3809143.5,     502.6,    1482.1,       0.0);         ( 370547.8,
3809148.8,     502.7,    1482.1,       0.0);
     ( 370650.0, 3809170.2,     503.6,    1482.1,       0.0);         ( 370675.6,
3809175.5,     504.0,    1482.1,       0.0);
     ( 370319.2, 3809706.2,     489.3,    1482.1,       0.0);         ( 370303.8,
3809664.9,     489.8,    1482.1,       0.0);
     ( 370199.6, 3809671.8,     488.1,    1482.1,       0.0);         ( 370194.4,
3809698.9,     487.5,    1482.1,       0.0);
     ( 370099.8, 3809665.8,     486.2,    1482.1,       0.0);         ( 370094.5,
3809693.0,     486.0,    1482.1,       0.0);
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     ( 370000.3, 3809659.1,     483.8,    1482.1,       0.0);         ( 369994.7,
3809687.1,     483.6,    1482.1,       0.0);
     ( 369900.4, 3809653.4,     482.1,    1482.1,       0.0);         ( 369909.6,
3809626.5,     482.2,    1482.1,       0.0);
     ( 369894.9, 3809681.2,     481.9,    1482.1,       0.0);         ( 369800.5,
3809647.6,     497.1,    1482.1,       0.0);
     ( 369809.7, 3809621.0,     488.8,    1482.1,       0.0);         ( 369795.1,
3809675.3,     493.9,    1482.1,       0.0);
     ( 370370.9, 3809736.6,     489.4,    1482.1,       0.0);         ( 370372.7,
3809760.6,     489.0,    1482.1,       0.0);
     ( 370374.5, 3809784.6,     488.4,    1482.1,       0.0);         ( 370376.3,
3809808.6,     487.9,    1482.1,       0.0);
     ( 370378.1, 3809832.6,     487.4,    1482.1,       0.0);         ( 370379.9,
3809856.6,     486.9,    1482.1,       0.0);
     ( 370381.7, 3809880.6,     486.4,    1482.1,       0.0);         ( 370383.5,
3809904.6,     485.9,    1482.1,       0.0);
     ( 370347.8, 3809762.4,     488.6,    1482.1,       0.0);         ( 370349.6,
3809786.4,     488.1,    1482.1,       0.0);
     ( 370351.4, 3809810.4,     487.6,    1482.1,       0.0);         ( 370353.2,
3809834.5,     487.1,    1482.1,       0.0);
     ( 370355.0, 3809858.5,     486.6,    1482.1,       0.0);         ( 370356.8,
3809882.5,     486.1,    1482.1,       0.0);
     ( 370358.5, 3809906.5,     485.6,    1482.1,       0.0);         ( 370324.6,
3809788.3,     490.7,    1482.1,       0.0);
     ( 370326.4, 3809812.3,     490.2,    1482.1,       0.0);         ( 370328.2,
3809836.3,     488.8,    1482.1,       0.0);
     ( 370330.0, 3809860.3,     487.5,    1482.1,       0.0);         ( 370331.8,
3809884.3,     486.4,    1482.1,       0.0);
     ( 370333.6, 3809908.3,     485.6,    1482.1,       0.0);         ( 370297.9,
3809766.2,     489.3,    1482.1,       0.0);
     ( 370299.7, 3809790.2,     495.9,    1482.1,       0.0);         ( 370301.5,
3809814.2,     497.7,    1482.1,       0.0);
     ( 370303.3, 3809838.2,     494.7,    1482.1,       0.0);         ( 370305.1,
3809862.2,     489.0,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                   PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 370306.9, 3809886.2,     488.2,    1482.1,       0.0);         ( 370308.7,
3809910.2,     486.5,    1482.1,       0.0);
     ( 370194.6, 3809725.6,     487.0,    1482.1,       0.0);         ( 370196.4,
3809749.6,     486.9,    1482.1,       0.0);
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     ( 370198.2, 3809773.6,     488.5,    1482.1,       0.0);         ( 370200.0,
3809797.6,     495.6,    1482.1,       0.0);
     ( 370201.8, 3809821.6,     501.7,    1482.1,       0.0);         ( 370203.6,
3809845.7,     504.3,    1482.1,       0.0);
     ( 370205.4, 3809869.7,     502.5,    1482.1,       0.0);         ( 370207.2,
3809893.7,     496.1,    1482.1,       0.0);
     ( 370209.0, 3809917.7,     489.4,    1482.1,       0.0);         ( 370094.9,
3809733.1,     485.5,    1482.1,       0.0);
     ( 370096.7, 3809757.1,     485.1,    1482.1,       0.0);         ( 370098.5,
3809781.1,     484.8,    1482.1,       0.0);
     ( 370100.3, 3809805.1,     484.6,    1482.1,       0.0);         ( 370102.1,
3809829.1,     484.0,    1482.1,       0.0);
     ( 370103.8, 3809853.1,     489.5,    1482.1,       0.0);         ( 370105.6,
3809877.1,     494.2,    1482.1,       0.0);
     ( 370107.5, 3809901.1,     493.9,    1482.1,       0.0);         ( 370109.2,
3809925.1,     486.4,    1482.1,       0.0);
     ( 369995.0, 3809722.7,     483.2,    1482.1,       0.0);         ( 369996.9,
3809764.5,     482.8,    1482.1,       0.0);
     ( 369998.7, 3809788.6,     482.7,    1482.1,       0.0);         ( 370000.5,
3809812.6,     482.6,    1482.1,       0.0);
     ( 370002.3, 3809836.6,     482.6,    1482.1,       0.0);         ( 370004.1,
3809860.6,     482.4,    1482.1,       0.0);
     ( 370005.9, 3809884.6,     482.4,    1482.1,       0.0);         ( 370007.7,
3809908.6,     481.9,    1482.1,       0.0);
     ( 370009.5, 3809932.6,     481.1,    1482.1,       0.0);         ( 369895.2,
3809725.7,     481.7,    1482.1,       0.0);
     ( 369897.2, 3809772.0,     483.6,    1482.1,       0.0);         ( 369899.0,
3809796.0,     481.5,    1482.1,       0.0);
     ( 369900.8, 3809820.0,     480.6,    1482.1,       0.0);         ( 369902.6,
3809844.0,     480.3,    1482.1,       0.0);
     ( 369904.4, 3809868.0,     479.9,    1482.1,       0.0);         ( 369906.2,
3809892.1,     479.8,    1482.1,       0.0);
     ( 369908.0, 3809916.1,     479.8,    1482.1,       0.0);         ( 369909.8,
3809940.1,     479.8,    1482.1,       0.0);
     ( 369795.5, 3809735.4,     489.1,    1482.1,       0.0);         ( 369797.5,
3809779.5,     494.7,    1482.1,       0.0);
     ( 369799.3, 3809803.5,     494.1,    1482.1,       0.0);         ( 369801.1,
3809827.5,     494.9,    1482.1,       0.0);
     ( 369802.9, 3809851.5,     496.9,    1482.1,       0.0);         ( 369804.7,
3809875.5,     497.4,    1482.1,       0.0);
     ( 369806.5, 3809899.5,     493.8,    1482.1,       0.0);         ( 369808.3,
3809923.5,     485.0,    1482.1,       0.0);
     ( 369810.1, 3809947.5,     488.0,    1482.1,       0.0);         ( 370404.6,
3809927.5,     485.9,    1482.1,       0.0);
     ( 370386.3, 3809944.4,     484.9,    1482.1,       0.0);         ( 370422.8,
3809955.5,     486.8,    1482.1,       0.0);
     ( 370382.5, 3809969.1,     485.0,    1482.1,       0.0);         ( 370346.8,
3809938.6,     484.8,    1482.1,       0.0);
     ( 370419.0, 3809980.3,     486.0,    1482.1,       0.0);         ( 370373.8,
3809991.3,     485.1,    1482.1,       0.0);
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     ( 370326.2, 3809950.5,     484.3,    1482.1,       0.0);         ( 370415.2,
3810005.0,     484.5,    1482.1,       0.0);
     ( 370252.8, 3810018.4,     484.3,    1482.1,       0.0);         ( 370235.3,
3809978.1,     486.8,    1482.1,       0.0);
     ( 370400.0, 3810103.8,     481.5,    1482.1,       0.0);         ( 370343.5,
3810189.0,     477.8,    1482.1,       0.0);
     ( 370304.6, 3810168.3,     485.5,    1482.1,       0.0);         ( 370265.8,
3810147.7,     496.0,    1482.1,       0.0);
     ( 370161.9, 3810046.0,     491.3,    1482.1,       0.0);         ( 370144.3,
3810005.7,     488.4,    1482.1,       0.0);
     ( 370126.8, 3809965.4,     486.3,    1482.1,       0.0);         ( 370384.8,
3810202.6,     477.7,    1482.1,       0.0);
     ( 370328.3, 3810287.8,     478.2,    1482.1,       0.0);         ( 370289.5,
3810267.2,     477.5,    1482.1,       0.0);
     ( 370250.6, 3810246.6,     476.5,    1482.1,       0.0);         ( 370211.8,
3810225.9,     476.2,    1482.1,       0.0);
     ( 370173.0, 3810205.3,     477.7,    1482.1,       0.0);         ( 370062.2,
3810053.5,     478.4,    1482.1,       0.0);
     ( 370044.6, 3810013.2,     479.6,    1482.1,       0.0);         ( 370027.1,
3809972.9,     480.6,    1482.1,       0.0);
     ( 370369.7, 3810301.5,     479.1,    1482.1,       0.0);         ( 370313.1,
3810386.6,     478.5,    1482.1,       0.0);
     ( 370274.3, 3810366.0,     477.0,    1482.1,       0.0);         ( 370235.5,
3810345.4,     476.7,    1482.1,       0.0);
     ( 370196.6, 3810324.8,     476.6,    1482.1,       0.0);         ( 370157.8,
3810304.2,     475.8,    1482.1,       0.0);
     ( 370119.0, 3810283.5,     475.7,    1482.1,       0.0);         ( 370080.2,
3810262.9,     475.2,    1482.1,       0.0);
     ( 370032.6, 3810222.1,     475.5,    1482.1,       0.0);         ( 370015.1,
3810181.9,     478.8,    1482.1,       0.0);
     ( 369971.2, 3810081.1,     478.0,    1482.1,       0.0);         ( 369953.7,
3810040.8,     478.6,    1482.1,       0.0);
     ( 369936.1, 3810000.5,     482.1,    1482.1,       0.0);         ( 370354.5,
3810400.3,     479.6,    1482.1,       0.0);
     ( 370297.9, 3810485.5,     483.4,    1482.1,       0.0);         ( 370259.1,
3810464.9,     483.7,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 370220.3, 3810444.2,     480.6,    1482.1,       0.0);         ( 370181.5,
3810423.6,     478.7,    1482.1,       0.0);
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     ( 370142.6, 3810403.0,     477.0,    1482.1,       0.0);         ( 370103.8,
3810382.4,     475.2,    1482.1,       0.0);
     ( 370065.0, 3810361.8,     475.3,    1482.1,       0.0);         ( 370026.2,
3810341.1,     475.1,    1482.1,       0.0);
     ( 369987.4, 3810320.5,     475.3,    1482.1,       0.0);         ( 369959.2,
3810290.1,     473.9,    1482.1,       0.0);
     ( 369941.7, 3810249.8,     474.1,    1482.1,       0.0);         ( 369924.1,
3810209.5,     474.2,    1482.1,       0.0);
     ( 369906.6, 3810169.2,     476.3,    1482.1,       0.0);         ( 369845.2,
3810028.1,     478.7,    1482.1,       0.0);
     ( 369827.6, 3809987.8,     484.8,    1482.1,       0.0);         ( 370339.3,
3810499.2,     481.0,    1482.1,       0.0);
     ( 370405.8, 3809901.7,     486.4,    1482.1,       0.0);         ( 370233.6,
3809870.4,     498.2,    1482.1,       0.0);
     ( 370135.2, 3809852.5,     494.6,    1482.1,       0.0);         ( 370036.8,
3809834.7,     483.1,    1482.1,       0.0);
     ( 369938.5, 3809816.8,     481.1,    1482.1,       0.0);         ( 369840.1,
3809799.0,     488.7,    1482.1,       0.0);
     ( 370358.3, 3809959.9,     485.0,    1482.1,       0.0);         ( 370232.0,
3809954.7,     484.4,    1482.1,       0.0);
     ( 370231.1, 3809921.8,     485.1,    1482.1,       0.0);         ( 370133.8,
3809941.5,     488.1,    1482.1,       0.0);
     ( 370132.8, 3809906.3,     494.7,    1482.1,       0.0);         ( 370035.9,
3809944.5,     481.5,    1482.1,       0.0);
     ( 370034.9, 3809908.0,     481.9,    1482.1,       0.0);         ( 370034.0,
3809871.5,     482.7,    1482.1,       0.0);
     ( 369938.8, 3809972.2,     482.0,    1482.1,       0.0);         ( 369937.8,
3809938.0,     480.3,    1482.1,       0.0);
     ( 369936.9, 3809903.8,     480.4,    1482.1,       0.0);         ( 369936.0,
3809869.6,     480.9,    1482.1,       0.0);
     ( 369840.5, 3809958.2,     487.0,    1482.1,       0.0);         ( 369839.5,
3809923.1,     485.2,    1482.1,       0.0);
     ( 369838.6, 3809887.9,     482.7,    1482.1,       0.0);         ( 369837.6,
3809852.7,     482.7,    1482.1,       0.0);
     ( 370451.8, 3809966.6,     487.0,    1482.1,       0.0);         ( 370452.9,
3809991.6,     486.6,    1482.1,       0.0);
     ( 370434.5, 3810017.4,     484.1,    1482.1,       0.0);         ( 370403.3,
3810032.4,     483.5,    1482.1,       0.0);
     ( 370343.2, 3809979.8,     486.4,    1482.1,       0.0);         ( 370421.5,
3810136.6,     479.8,    1482.1,       0.0);
     ( 370384.6, 3810125.1,     480.5,    1482.1,       0.0);         ( 370347.7,
3810113.6,     481.1,    1482.1,       0.0);
     ( 370459.5, 3810141.5,     479.6,    1482.1,       0.0);         ( 370426.7,
3810236.8,     479.4,    1482.1,       0.0);
     ( 370391.5, 3810225.8,     478.7,    1482.1,       0.0);         ( 370356.2,
3810214.8,     477.8,    1482.1,       0.0);
     ( 370321.0, 3810203.9,     478.4,    1482.1,       0.0);         ( 370285.7,
3810192.9,     487.5,    1482.1,       0.0);
     ( 370240.4, 3810166.5,     493.9,    1482.1,       0.0);         ( 370463.8,
3810241.4,     479.6,    1482.1,       0.0);
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     ( 370430.2, 3810336.4,     479.4,    1482.1,       0.0);         ( 370393.3,
3810324.9,     479.2,    1482.1,       0.0);
     ( 370301.0, 3810296.2,     477.4,    1482.1,       0.0);         ( 370264.1,
3810284.7,     477.0,    1482.1,       0.0);
     ( 370227.2, 3810273.2,     476.7,    1482.1,       0.0);         ( 370179.6,
3810245.6,     475.7,    1482.1,       0.0);
     ( 370147.9, 3810197.0,     479.4,    1482.1,       0.0);         ( 370468.2,
3810341.3,     480.1,    1482.1,       0.0);
     ( 370435.1, 3810436.5,     483.6,    1482.1,       0.0);         ( 370399.2,
3810425.3,     481.7,    1482.1,       0.0);
     ( 370255.6, 3810380.6,     476.9,    1482.1,       0.0);         ( 370219.7,
3810369.5,     476.5,    1482.1,       0.0);
     ( 370183.8, 3810358.3,     476.1,    1482.1,       0.0);         ( 370147.9,
3810347.1,     475.8,    1482.1,       0.0);
     ( 370119.7, 3810325.8,     475.8,    1482.1,       0.0);         ( 370099.1,
3810294.3,     475.4,    1482.1,       0.0);
     ( 370058.0, 3810231.4,     475.4,    1482.1,       0.0);         ( 370037.4,
3810199.9,     479.0,    1482.1,       0.0);
     ( 370472.5, 3810441.2,     484.4,    1482.1,       0.0);         ( 370439.0,
3810536.2,     484.4,    1482.1,       0.0);
     ( 370402.0, 3810524.7,     482.4,    1482.1,       0.0);         ( 370365.1,
3810513.2,     481.1,    1482.1,       0.0);
     ( 370272.8, 3810484.5,     483.6,    1482.1,       0.0);         ( 370235.9,
3810473.0,     483.9,    1482.1,       0.0);
     ( 370199.0, 3810461.5,     481.9,    1482.1,       0.0);         ( 370162.0,
3810450.1,     479.9,    1482.1,       0.0);
     ( 370125.1, 3810438.6,     478.9,    1482.1,       0.0);         ( 370088.2,
3810427.1,     477.9,    1482.1,       0.0);
     ( 370059.1, 3810405.2,     476.5,    1482.1,       0.0);         ( 370038.0,
3810372.8,     474.8,    1482.1,       0.0);
     ( 369985.1, 3810291.9,     474.5,    1482.1,       0.0);         ( 369963.9,
3810259.5,     473.6,    1482.1,       0.0);
     ( 369942.8, 3810227.1,     474.6,    1482.1,       0.0);         ( 369889.9,
3810146.2,     476.5,    1482.1,       0.0);
     ( 370476.9, 3810541.1,     485.5,    1482.1,       0.0);         ( 370474.6,
3809964.9,     486.9,    1482.1,       0.0);
     ( 370476.5, 3809989.8,     486.0,    1482.1,       0.0);         ( 370478.5,
3810014.8,     484.3,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        11:11:23

                                   PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)
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```
     ( 370488.0, 3810139.4,     479.8,    1482.1,       0.0);         ( 370495.7,
3810239.1,     479.5,    1482.1,       0.0);
     ( 370503.4, 3810338.8,     480.6,    1482.1,       0.0);         ( 370511.0,
3810438.5,     483.0,    1482.1,       0.0);
     ( 370518.7, 3810538.2,     485.4,    1482.1,       0.0);         ( 370509.4,
3809980.3,     486.0,    1482.1,       0.0);
     ( 370549.4, 3809984.7,     485.4,    1482.1,       0.0);         ( 370574.0,
3809984.1,     485.5,    1482.1,       0.0);
     ( 370508.3, 3810153.7,     479.6,    1482.1,       0.0);         ( 370553.5,
3810159.7,     479.9,    1482.1,       0.0);
     ( 370578.0, 3810159.1,     480.4,    1482.1,       0.0);         ( 370602.5,
3810158.5,     480.5,    1482.1,       0.0);
     ( 370531.2, 3810260.2,     480.4,    1482.1,       0.0);         ( 370555.8,
3810259.6,     480.7,    1482.1,       0.0);
     ( 370580.3, 3810259.1,     481.2,    1482.1,       0.0);         ( 370604.8,
3810258.5,     481.3,    1482.1,       0.0);
     ( 370533.5, 3810360.2,     480.9,    1482.1,       0.0);         ( 370558.0,
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     ( 370381.0, 3810410.9,     479.9,    1482.1,       0.0);         ( 370535.8,
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     ( 370560.3, 3810459.6,     485.3,    1482.1,       0.0);         ( 370584.9,
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     ( 370609.4, 3810458.5,     485.8,    1482.1,       0.0);         ( 370538.1,
3810560.1,     486.3,    1482.1,       0.0);
     ( 370562.6, 3810559.6,     486.4,    1482.1,       0.0);         ( 370587.2,
3810559.0,     487.0,    1482.1,       0.0);
     ( 370611.7, 3810558.4,     487.6,    1482.1,       0.0);         ( 370636.3,
3810158.6,     481.2,    1482.1,       0.0);
     ( 370636.3, 3810258.6,     481.5,    1482.1,       0.0);         ( 370636.3,
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     ( 370636.3, 3810458.6,     486.3,    1482.1,       0.0);         ( 370636.3,
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     ( 370628.5, 3809965.2,     495.3,    1482.1,       0.0);         ( 370604.0,
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     ( 370264.4, 3809874.8,     497.4,    1482.1,       0.0);         ( 370166.6,
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     ( 370068.8, 3809832.8,     483.6,    1482.1,       0.0);         ( 370575.0,
3809959.2,     489.6,    1482.1,       0.0);
     ( 370534.9, 3809384.2,     497.9,    1482.1,       0.0);         ( 370447.5,
3809499.7,     494.5,    1482.1,       0.0);
     ( 370501.3, 3809947.9,     487.0,    1482.1,       0.0);         ( 370438.1,
3809603.7,     501.8,    1482.1,       0.0);
     ( 370402.0, 3809828.0,     487.8,    1482.1,       0.0);         ( 370298.8,
3809939.1,     485.1,    1482.1,       0.0);
     ( 370243.9, 3809844.4,     504.9,    1482.1,       0.0);         ( 370260.0,
3809822.7,     506.2,    1482.1,       0.0);
     ( 370276.1, 3809800.9,     499.1,    1482.1,       0.0);         ( 370135.9,
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     ( 370152.8, 3809804.7,     487.5,    1482.1,       0.0);         ( 370169.6,
3809781.9,     487.4,    1482.1,       0.0);
     ( 370220.2, 3809713.5,     487.6,    1482.1,       0.0);         ( 370250.0,
3809684.8,     488.7,    1482.1,       0.0);
     ( 370035.1, 3809800.9,     483.2,    1482.1,       0.0);         ( 370052.5,
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     ( 370069.8, 3809754.0,     484.5,    1482.1,       0.0);         ( 370156.6,
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     ( 370187.2, 3809607.0,     488.8,    1482.1,       0.0);         ( 369942.2,
3809763.6,     481.5,    1482.1,       0.0);
     ( 369959.1, 3809740.8,     482.1,    1482.1,       0.0);         ( 370043.4,
3809626.8,     484.7,    1482.1,       0.0);
     ( 370060.2, 3809604.0,     485.1,    1482.1,       0.0);         ( 370077.1,
3809581.2,     485.9,    1482.1,       0.0);
     ( 370094.0, 3809558.4,     486.8,    1482.1,       0.0);         ( 370123.7,
3809529.7,     486.0,    1482.1,       0.0);
     ( 369928.3, 3809788.6,     481.0,    1482.1,       0.0);         ( 370369.8,
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     ( 370346.0, 3810017.6,     483.2,    1482.1,       0.0);         ( 370322.1,
3810020.0,     482.5,    1482.1,       0.0);
     ( 370319.6, 3809995.1,     485.6,    1482.1,       0.0);         ( 370359.9,
3809438.3,     494.0,    1482.1,       0.0);
     ( 370298.0, 3810008.0,     484.2,    1482.1,       0.0);         ( 370395.8,
3809751.0,     489.5,    1482.1,       0.0);
     ( 370467.0, 3809564.1,     503.1,    1482.1,       0.0);         ( 370292.9,
3809981.5,     487.7,    1482.1,       0.0);
     ( 370272.3, 3809954.9,     484.4,    1482.1,       0.0);         ( 370274.2,
3809929.9,     485.5,    1482.1,       0.0);
     ( 370281.8, 3809830.2,     504.8,    1482.1,       0.0);         ( 370266.9,
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     ( 370296.8, 3809630.8,     490.3,    1482.1,       0.0);         ( 370229.1,
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     ( 370214.0, 3809988.2,     487.6,    1482.1,       0.0);         ( 370198.8,
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     ( 370200.7, 3809943.4,     491.0,    1482.1,       0.0);         ( 370165.9,
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     ( 370123.8, 3809771.2,     485.5,    1482.1,       0.0);         ( 370164.7,
3809759.1,     486.2,    1482.1,       0.0);
     ( 370226.0, 3809740.9,     487.3,    1482.1,       0.0);         ( 370043.8,
3809697.4,     484.6,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

(370148.6, 3809666.3, 487.2, 1482.1, 0.0); (369962.5, 3809624.0, 483.2, 1482.1, 0.0);
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(370175.5, 3809560.9, 494.4, 1482.1, 0.0); (370218.1, 3809548.3, 500.1, 1482.1, 0.0);
(369901.1, 3809544.7, 483.7, 1482.1, 0.0); (369982.8, 3809520.5, 484.7, 1482.1, 0.0);
(370023.7, 3809508.4, 485.2, 1482.1, 0.0); (370085.1, 3809490.2, 487.9, 1482.1, 0.0);
(370126.0, 3809478.1, 487.5, 1482.1, 0.0); (369862.9, 3809564.3, 483.9, 1482.1, 0.0);
(370199.0, 3810010.4, 498.2, 1482.1, 0.0); (370180.0, 3809987.7, 489.6, 1482.1, 0.0);
(370173.3, 3809938.2, 498.9, 1482.1, 0.0); (370283.7, 3809745.9, 488.4, 1482.1, 0.0);
(370146.6, 3809740.0, 486.3, 1482.1, 0.0); (370179.6, 3809638.1, 487.9, 1482.1, 0.0);
(370152.8, 3809439.9, 491.8, 1482.1, 0.0); (370334.3, 3809457.3, 493.6, 1482.1, 0.0);
(370379.7, 3809461.7, 494.2, 1482.1, 0.0); (370435.8, 3809480.6, 493.8, 1482.1, 0.0);
(370170.1, 3810018.6, 498.1, 1482.1, 0.0); (370121.7, 3809994.8, 486.6, 1482.1, 0.0);
(370105.1, 3809976.1, 484.5, 1482.1, 0.0); (370071.5, 3809879.7, 486.1, 1482.1, 0.0);
(369972.2, 3809826.6, 482.1, 1482.1, 0.0); (369938.6, 3809730.2, 481.8, 1482.1, 0.0);
(369974.0, 3809714.0, 482.8, 1482.1, 0.0); (370062.4, 3809673.4, 485.1, 1482.1, 0.0);
(369872.2, 3809655.5, 482.2, 1482.1, 0.0); (369978.3, 3809606.8, 483.5, 1482.1, 0.0);
(369805.8, 3809580.8, 489.1, 1482.1, 0.0); (369929.5, 3809523.9, 483.7, 1482.1, 0.0);
(370000.3, 3809491.4, 484.8, 1482.1, 0.0); (370035.7, 3809475.2, 485.3, 1482.1, 0.0);
(369772.8, 3809602.4, 501.0, 1482.1, 0.0); (370271.9, 3809767.4, 488.5, 1482.1, 0.0);
(370314.3, 3809567.9, 490.9, 1482.1, 0.0); (370091.7, 3810006.9, 486.2, 1482.1, 0.0);
(370100.6, 3809953.8, 483.2, 1482.1, 0.0); (370075.8, 3809933.6, 484.2, 1482.1, 0.0);
(370052.8, 3809734.0, 484.3, 1482.1, 0.0); (370069.0, 3809639.9, 485.3, 1482.1, 0.0);
(370010.3, 3809538.5, 485.3, 1482.1, 0.0); (370008.3, 3809442.7, 485.3, 1482.1, 0.0);
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     ( 370065.9, 3809965.2,     483.0,    1482.1,       0.0);         ( 370020.8,
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     ( 370007.2, 3809987.5,     480.7,    1482.1,       0.0);         ( 369989.4,
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     ( 369962.3, 3809887.9,     481.2,    1482.1,       0.0);         ( 369899.6,
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     ( 369863.7, 3809855.0,     479.8,    1482.1,       0.0);         ( 369963.9,
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     ( 370016.0, 3809746.4,     483.3,    1482.1,       0.0);         ( 369750.1,
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     ( 369775.1, 3809809.4,     500.2,    1482.1,       0.0);         ( 369825.1,
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     ( 369868.1, 3809708.2,     482.3,    1482.1,       0.0);         ( 369958.1,
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     ( 369728.8, 3809874.0,     481.8,    1482.1,       0.0);         ( 369659.5,
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     ( 369682.9, 3809768.4,     477.3,    1482.1,       0.0);         ( 369706.4,
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     ( 369729.8, 3809710.4,     508.0,    1482.1,       0.0);         ( 369753.3,
3809681.5,     506.6,    1482.1,       0.0);
     ( 369776.7, 3809652.5,     507.1,    1482.1,       0.0);         ( 369855.9,
3809606.2,     482.8,    1482.1,       0.0);
     ( 369889.6, 3809590.4,     482.3,    1482.1,       0.0);         ( 369974.0,
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     ( 369638.9, 3809830.1,     469.9,    1482.1,       0.0);         ( 369570.0,
3809753.1,     469.2,    1482.1,       0.0);
     ( 369594.1, 3809723.3,     476.7,    1482.1,       0.0);         ( 369618.2,
3809693.5,     484.6,    1482.1,       0.0);
     ( 369642.3, 3809663.7,     492.7,    1482.1,       0.0);         ( 369666.4,
3809633.8,     492.1,    1482.1,       0.0);
     ( 369690.5, 3809604.0,     494.3,    1482.1,       0.0);         ( 369714.6,
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     ( 369744.0, 3809551.1,     511.0,    1482.1,       0.0);         ( 369778.8,
3809534.8,     495.6,    1482.1,       0.0);
     ( 369813.5, 3809518.5,     494.6,    1482.1,       0.0);         ( 369882.8,
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     ( 369917.5, 3809469.5,     485.4,    1482.1,       0.0);         ( 369549.0,
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     ( 370070.8, 3810030.9,     480.2,    1482.1,       0.0);         ( 370176.4,
3809804.3,     492.4,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370010.8, 3810053.8, 478.5, 1482.1, 0.0); (369982.9, 3809984.2, 481.2, 1482.1, 0.0);
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(370129.7, 3809797.4, 485.2, 1482.1, 0.0); (369941.3, 3809700.4, 482.3, 1482.1, 0.0);
(370011.9, 3809702.3, 484.1, 1482.1, 0.0); (370117.8, 3809705.3, 486.4, 1482.1, 0.0);
(370153.0, 3809706.3, 487.1, 1482.1, 0.0); (370085.8, 3809612.6, 485.9, 1482.1, 0.0);
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(370184.6, 3809523.5, 504.9, 1482.1, 0.0); (369995.0, 3810077.0, 477.8, 1482.1, 0.0);
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(369960.1, 3810002.6, 478.9, 1482.1, 0.0); (369825.0, 3810061.0, 476.9, 1482.1, 0.0);
(369849.5, 3809980.9, 483.6, 1482.1, 0.0); (369867.5, 3809954.4, 482.0, 1482.1, 0.0);
(369820.0, 3810095.7, 476.2, 1482.1, 0.0); (369725.2, 3810060.2, 474.0, 1482.1, 0.0);
(369735.5, 3810026.6, 474.9, 1482.1, 0.0); (369745.8, 3809993.0, 479.2, 1482.1, 0.0);
(369756.1, 3809959.3, 488.3, 1482.1, 0.0); (369766.5, 3809925.7, 493.0, 1482.1, 0.0);
(369867.5, 3809831.6, 480.9, 1482.1, 0.0); (369720.0, 3810095.7, 473.4, 1482.1, 0.0);
(369625.3, 3810059.8, 472.4, 1482.1, 0.0); (369635.9, 3810025.3, 471.8, 1482.1, 0.0);
(369646.5, 3809990.8, 472.3, 1482.1, 0.0); (369657.1, 3809956.3, 472.0, 1482.1, 0.0);
(369667.6, 3809921.8, 471.7, 1482.1, 0.0); (369678.2, 3809887.3, 472.2, 1482.1, 0.0);
(369702.9, 3809841.5, 480.6, 1482.1, 0.0); (369731.0, 3809818.9, 487.2, 1482.1, 0.0);
(369773.1, 3809784.9, 500.8, 1482.1, 0.0); (369843.4, 3809728.3, 483.7, 1482.1, 0.0);
(369620.0, 3810095.7, 473.2, 1482.1, 0.0); (369525.4, 3810059.5, 471.0, 1482.1, 0.0);
(369536.2, 3810024.5, 470.9, 1482.1, 0.0); (369546.9, 3809989.5, 470.9, 1482.1, 0.0);
(369557.6, 3809954.4, 470.8, 1482.1, 0.0); (369568.4, 3809919.4, 470.4, 1482.1, 0.0);
(369579.1, 3809884.3, 469.8, 1482.1, 0.0); (369589.9, 3809849.3, 469.2, 1482.1, 0.0);

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     ( 369600.6, 3809814.3,     469.1,    1482.1,       0.0);         ( 369620.3,
3809785.3,     470.7,    1482.1,       0.0);
     ( 369648.8, 3809762.3,     477.9,    1482.1,       0.0);         ( 369677.3,
3809739.3,     479.4,    1482.1,       0.0);
     ( 369705.9, 3809716.3,     494.7,    1482.1,       0.0);         ( 369520.0,
3810095.7,     469.4,    1482.1,       0.0);
     ( 369425.5, 3810059.3,     468.2,    1482.1,       0.0);         ( 369436.3,
3810023.9,     469.9,    1482.1,       0.0);
     ( 369447.2, 3809988.5,     469.8,    1482.1,       0.0);         ( 369458.0,
3809953.1,     469.7,    1482.1,       0.0);
     ( 369468.9, 3809917.7,     469.6,    1482.1,       0.0);         ( 369479.8,
3809882.3,     469.4,    1482.1,       0.0);
     ( 369490.6, 3809846.9,     469.4,    1482.1,       0.0);         ( 369501.5,
3809811.5,     469.6,    1482.1,       0.0);
     ( 369512.3, 3809776.1,     469.0,    1482.1,       0.0);         ( 369537.6,
3809729.1,     469.1,    1482.1,       0.0);
     ( 369566.5, 3809705.8,     473.9,    1482.1,       0.0);         ( 369595.3,
3809682.6,     487.1,    1482.1,       0.0);
     ( 369420.0, 3810095.7,     469.2,    1482.1,       0.0);         ( 369901.7,
3810040.3,     477.6,    1482.1,       0.0);
     ( 369880.5, 3810031.8,     477.8,    1482.1,       0.0);         ( 369932.2,
3810025.5,     477.9,    1482.1,       0.0);
     ( 369911.0, 3810017.0,     478.6,    1482.1,       0.0);         ( 369889.7,
3810008.6,     478.2,    1482.1,       0.0);
     ( 369868.5, 3810000.1,     479.5,    1482.1,       0.0);         ( 370114.3,
3809506.0,     485.9,    1482.1,       0.0);
     ( 369860.7, 3809758.3,     487.7,    1482.1,       0.0);         ( 369776.1,
3809755.3,     498.4,    1482.1,       0.0);
     ( 369843.7, 3809660.2,     486.3,    1482.1,       0.0);         ( 369773.9,
3809557.1,     494.9,    1482.1,       0.0);
     ( 369913.1, 3809570.4,     482.9,    1482.1,       0.0);         ( 369965.3,
3809575.4,     483.4,    1482.1,       0.0);
     ( 370000.1, 3809578.7,     485.6,    1482.1,       0.0);         ( 369755.4,
3809458.8,     496.9,    1482.1,       0.0);
     ( 369790.5, 3809462.2,     495.2,    1482.1,       0.0);         ( 369825.7,
3809465.6,     490.9,    1482.1,       0.0);
     ( 369720.0, 3809460.5,     502.9,    1482.1,       0.0);         ( 369809.7,
3810039.1,     477.0,    1482.1,       0.0);
     ( 369799.5, 3810060.3,     476.5,    1482.1,       0.0);         ( 369787.1,
3810028.3,     476.9,    1482.1,       0.0);
     ( 369777.0, 3810049.5,     476.2,    1482.1,       0.0);         ( 369775.6,
3810004.0,     478.4,    1482.1,       0.0);
     ( 369802.3, 3809983.4,     482.5,    1482.1,       0.0);         ( 369754.5,
3810038.6,     475.7,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       11:11:23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 473.1, 1482.1, 0.0); (369752.6, 3809872.5, 491.7, 1482.1, 0.0);
(369773.7, 3809863.0, 503.8, 1482.1, 0.0); (369605.6, 3809866.1, 469.6, 1482.1, 0.0);
(369620.2, 3809848.1, 469.4, 1482.1, 0.0); (369691.6, 3809793.2, 479.3, 1482.1, 0.0);
(369712.7, 3809783.7, 483.0, 1482.1, 0.0); (369733.9, 3809774.2, 492.9, 1482.1, 0.0);
(369755.0, 3809764.7, 504.0, 1482.1, 0.0); (369530.0, 3809804.8, 469.8, 1482.1, 0.0);
(369630.6, 3809713.9, 477.4, 1482.1, 0.0); (369651.8, 3809704.4, 484.4, 1482.1, 0.0);
(369672.9, 3809694.9, 491.3, 1482.1, 0.0); (369694.0, 3809685.5, 497.9, 1482.1, 0.0);
(369715.2, 3809676.0, 505.5, 1482.1, 0.0); (369736.3, 3809666.5, 511.3, 1482.1, 0.0);
(369396.1, 3809815.5, 468.7, 1482.1, 0.0); (369410.7, 3809797.5, 468.8, 1482.1, 0.0);
(369425.3, 3809779.5, 468.8, 1482.1, 0.0); (369439.9, 3809761.5, 468.8, 1482.1, 0.0);
(369454.5, 3809743.5, 468.9, 1482.1, 0.0); (369469.1, 3809725.5, 469.1, 1482.1, 0.0);
(369483.7, 3809707.6, 469.4, 1482.1, 0.0); (369498.2, 3809689.6, 470.0, 1482.1, 0.0);
(369512.8, 3809671.6, 470.5, 1482.1, 0.0); (369548.6, 3809644.1, 477.8, 1482.1, 0.0);
(369569.7, 3809634.6, 476.5, 1482.1, 0.0); (369590.8, 3809625.2, 477.8, 1482.1, 0.0);
(369612.0, 3809615.7, 480.1, 1482.1, 0.0); (369633.1, 3809606.2, 482.9, 1482.1, 0.0);
(369654.2, 3809596.7, 483.9, 1482.1, 0.0); (369675.3, 3809587.2, 485.8, 1482.1, 0.0);
(369381.5, 3809833.5, 468.7, 1482.1, 0.0); (369371.4, 3809854.6, 468.6, 1482.1, 0.0);
(369306.0, 3809772.2, 468.2, 1482.1, 0.0); (369320.6, 3809754.2, 468.3, 1482.1, 0.0);
(369335.2, 3809736.2, 468.4, 1482.1, 0.0); (369349.8, 3809718.2, 468.6, 1482.1, 0.0);
(369364.3, 3809700.2, 468.6, 1482.1, 0.0); (369378.9, 3809682.2, 468.7, 1482.1, 0.0);
(369393.5, 3809664.3, 468.9, 1482.1, 0.0); (369408.1, 3809646.3, 470.1, 1482.1, 0.0);
(369422.7, 3809628.3, 471.4, 1482.1, 0.0); (369437.3, 3809610.3, 472.7, 1482.1, 0.0);

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     ( 369451.9, 3809592.3,     474.6,    1482.1,       0.0);         ( 369487.6,
3809564.8,     476.8,    1482.1,       0.0);
     ( 369508.7, 3809555.4,     478.7,    1482.1,       0.0);         ( 369529.9,
3809545.9,     480.6,    1482.1,       0.0);
     ( 369551.0, 3809536.4,     482.8,    1482.1,       0.0);         ( 369572.1,
3809526.9,     489.9,    1482.1,       0.0);
     ( 369593.3, 3809517.4,     494.3,    1482.1,       0.0);         ( 369614.4,
3809508.0,     495.5,    1482.1,       0.0);
     ( 369635.5, 3809498.5,     501.1,    1482.1,       0.0);         ( 369656.6,
3809489.0,     509.0,    1482.1,       0.0);
     ( 369677.8, 3809479.5,     516.2,    1482.1,       0.0);         ( 369698.9,
3809470.0,     514.0,    1482.1,       0.0);
     ( 369291.4, 3809790.2,     468.0,    1482.1,       0.0);         ( 369281.2,
3809811.3,     467.7,    1482.1,       0.0);
     ( 369775.2, 3810088.7,     475.1,    1482.1,       0.0);         ( 369752.7,
3810077.9,     474.4,    1482.1,       0.0);
     ( 369759.5, 3810117.8,     474.2,    1482.1,       0.0);         ( 369736.0,
3810126.6,     473.9,    1482.1,       0.0);
     ( 369635.7, 3810121.8,     473.4,    1482.1,       0.0);         ( 369642.4,
3810161.7,     472.0,    1482.1,       0.0);
     ( 369542.1, 3810155.1,     470.1,    1482.1,       0.0);         ( 369544.0,
3810112.3,     469.5,    1482.1,       0.0);
     ( 369545.9, 3810069.5,     471.2,    1482.1,       0.0);         ( 369548.8,
3810196.8,     470.5,    1482.1,       0.0);
     ( 369448.5, 3810190.7,     469.5,    1482.1,       0.0);         ( 369450.3,
3810148.9,     469.5,    1482.1,       0.0);
     ( 369452.2, 3810107.1,     470.3,    1482.1,       0.0);         ( 369454.1,
3810065.2,     468.7,    1482.1,       0.0);
     ( 369455.2, 3810231.9,     469.6,    1482.1,       0.0);         ( 369354.8,
3810226.1,     474.0,    1482.1,       0.0);
     ( 369356.7, 3810184.8,     469.1,    1482.1,       0.0);         ( 369358.5,
3810143.6,     468.7,    1482.1,       0.0);
     ( 369360.3, 3810102.3,     468.4,    1482.1,       0.0);         ( 369362.2,
3810061.0,     468.4,    1482.1,       0.0);
     ( 369364.0, 3810019.7,     467.9,    1482.1,       0.0);         ( 369365.9,
3809978.4,     469.0,    1482.1,       0.0);
     ( 369367.7, 3809937.2,     469.0,    1482.1,       0.0);         ( 369369.5,
3809895.9,     468.6,    1482.1,       0.0);
     ( 369361.5, 3810267.1,     478.7,    1482.1,       0.0);         ( 369261.2,
3810260.5,     475.7,    1482.1,       0.0);
     ( 369263.1, 3810217.7,     478.6,    1482.1,       0.0);         ( 369265.0,
3810174.9,     481.8,    1482.1,       0.0);
     ( 369267.0, 3810132.2,     480.7,    1482.1,       0.0);         ( 369268.9,
3810089.4,     479.6,    1482.1,       0.0);
     ( 369270.8, 3810046.6,     470.0,    1482.1,       0.0);         ( 369272.7,
3810003.8,     466.7,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        11:11:23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369274.6, 3809961.0, 466.9, 1482.1, 0.0); (369276.5, 3809918.3, 466.8, 1482.1, 0.0);
(369278.4, 3809875.5, 468.0, 1482.1, 0.0); (369267.9, 3810302.2, 477.4, 1482.1, 0.0);
(369835.8, 3810124.8, 474.8, 1482.1, 0.0); (369855.3, 3810137.1, 475.2, 1482.1, 0.0);
(369792.9, 3810121.4, 475.1, 1482.1, 0.0); (369822.5, 3810146.0, 474.0, 1482.1, 0.0);
(369841.9, 3810158.3, 474.0, 1482.1, 0.0); (369779.6, 3810142.5, 474.5, 1482.1, 0.0);
(369809.1, 3810167.1, 473.5, 1482.1, 0.0); (369828.6, 3810179.4, 473.1, 1482.1, 0.0);
(369762.9, 3810159.5, 473.7, 1482.1, 0.0); (369795.8, 3810188.3, 473.0, 1482.1, 0.0);
(369815.3, 3810200.6, 472.8, 1482.1, 0.0); (369709.6, 3810244.1, 471.5, 1482.1, 0.0);
(369682.7, 3810211.1, 470.9, 1482.1, 0.0); (369742.5, 3810272.9, 471.9, 1482.1, 0.0);
(369761.9, 3810285.1, 472.0, 1482.1, 0.0); (369656.2, 3810328.7, 472.4, 1482.1, 0.0);
(369629.4, 3810295.7, 472.0, 1482.1, 0.0); (369602.5, 3810262.8, 471.4, 1482.1, 0.0);
(369575.7, 3810229.8, 470.6, 1482.1, 0.0); (369689.1, 3810357.5, 473.6, 1482.1, 0.0);
(369708.6, 3810369.7, 474.2, 1482.1, 0.0); (369602.9, 3810413.3, 476.7, 1482.1, 0.0);
(369576.0, 3810380.3, 474.0, 1482.1, 0.0); (369549.2, 3810347.3, 472.6, 1482.1, 0.0);
(369522.3, 3810314.4, 472.1, 1482.1, 0.0); (369495.5, 3810281.4, 471.1, 1482.1, 0.0);
(369635.8, 3810442.1, 476.9, 1482.1, 0.0); (369655.3, 3810454.3, 479.1, 1482.1, 0.0);
(369548.6, 3810496.7, 494.9, 1482.1, 0.0); (369534.2, 3810479.0, 491.2, 1482.1, 0.0);
(369519.8, 3810461.4, 488.7, 1482.1, 0.0); (369505.4, 3810443.7, 485.6, 1482.1, 0.0);
(369491.0, 3810426.0, 486.0, 1482.1, 0.0); (369476.7, 3810408.4, 481.9, 1482.1, 0.0);
(369462.3, 3810390.7, 477.7, 1482.1, 0.0); (369447.9, 3810373.1, 478.2, 1482.1, 0.0);
(369433.5, 3810355.4, 477.6, 1482.1, 0.0); (369419.1, 3810337.7, 477.3, 1482.1, 0.0);

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     ( 369404.7, 3810320.1,     479.6,    1482.1,       0.0);         ( 369390.3,
3810302.4,     478.6,    1482.1,       0.0);
     ( 369375.9, 3810284.7,     475.5,    1482.1,       0.0);         ( 369563.0,
3810514.4,     502.6,    1482.1,       0.0);
     ( 369582.5, 3810526.6,     501.9,    1482.1,       0.0);         ( 369601.9,
3810538.9,     501.2,    1482.1,       0.0);
     ( 369495.5, 3810581.5,     532.8,     534.8,       0.0);         ( 369481.2,
3810564.0,     530.7,    1385.3,       0.0);
     ( 369467.0, 3810546.6,     526.9,    1481.8,       0.0);         ( 369438.6,
3810511.7,     521.7,    1482.1,       0.0);
     ( 369424.3, 3810494.2,     516.5,    1482.1,       0.0);         ( 369410.1,
3810476.8,     508.9,    1482.1,       0.0);
     ( 369395.9, 3810459.3,     503.4,    1482.1,       0.0);         ( 369381.7,
3810441.8,     493.3,    1482.1,       0.0);
     ( 369353.2, 3810406.9,     485.0,    1482.1,       0.0);         ( 369339.0,
3810389.5,     483.6,    1482.1,       0.0);
     ( 369324.8, 3810372.0,     481.7,    1482.1,       0.0);         ( 369310.6,
3810354.6,     481.3,    1482.1,       0.0);
     ( 369296.4, 3810337.1,     480.9,    1482.1,       0.0);         ( 369509.7,
3810599.0,     529.9,    1459.2,       0.0);
     ( 369529.1, 3810611.2,     519.9,    1482.1,       0.0);         ( 369548.6,
3810623.5,     517.8,    1482.1,       0.0);
     ( 369674.6, 3810067.5,     472.7,    1482.1,       0.0);         ( 369577.6,
3810043.2,     471.5,    1482.1,       0.0);
     ( 369480.5, 3810019.0,     470.4,    1482.1,       0.0);         ( 369383.5,
3809994.7,     469.2,    1482.1,       0.0);
     ( 369865.2, 3810163.2,     475.6,    1482.1,       0.0);         ( 369851.6,
3810184.2,     474.1,    1482.1,       0.0);
     ( 369838.0, 3810205.2,     473.1,    1482.1,       0.0);         ( 369824.4,
3810226.1,     472.8,    1482.1,       0.0);
     ( 369676.3, 3810175.8,     471.7,    1482.1,       0.0);         ( 369674.3,
3810145.3,     473.8,    1482.1,       0.0);
     ( 369672.3, 3810114.8,     473.5,    1482.1,       0.0);         ( 369770.1,
3810310.1,     472.5,    1482.1,       0.0);
     ( 369582.0, 3810193.1,     470.3,    1482.1,       0.0);         ( 369579.8,
3810159.8,     469.9,    1482.1,       0.0);
     ( 369577.7, 3810126.6,     470.8,    1482.1,       0.0);         ( 369575.5,
3810093.4,     471.8,    1482.1,       0.0);
     ( 369715.7, 3810394.0,     475.3,    1482.1,       0.0);         ( 369490.1,
3810247.1,     470.2,    1482.1,       0.0);
     ( 369488.0, 3810214.6,     470.0,    1482.1,       0.0);         ( 369485.9,
3810182.1,     469.8,    1482.1,       0.0);
     ( 369483.8, 3810149.6,     469.9,    1482.1,       0.0);         ( 369481.6,
3810117.1,     469.7,    1482.1,       0.0);
     ( 369479.5, 3810084.6,     469.0,    1482.1,       0.0);         ( 369477.4,
3810052.1,     471.1,    1482.1,       0.0);
     ( 369661.4, 3810478.0,     480.4,    1482.1,       0.0);         ( 369395.9,
3810265.5,     471.0,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369393.7, 3810231.7, 469.7, 1482.1, 0.0); (369391.5, 3810197.8, 469.4, 1482.1, 0.0);
(369389.3, 3810164.0, 468.8, 1482.1, 0.0); (369387.0, 3810130.1, 468.7, 1482.1, 0.0);
(369384.8, 3810096.3, 468.7, 1482.1, 0.0); (369381.5, 3810045.5, 468.1, 1482.1, 0.0);
(369607.0, 3810561.9, 497.3, 1482.1, 0.0); (369302.9, 3810303.1, 476.0, 1482.1, 0.0);
(369300.8, 3810269.9, 476.2, 1482.1, 0.0); (369298.6, 3810236.7, 478.1, 1482.1, 0.0);
(369296.4, 3810203.4, 481.8, 1482.1, 0.0); (369294.2, 3810170.2, 481.9, 1482.1, 0.0);
(369292.1, 3810136.9, 477.5, 1482.1, 0.0); (369289.9, 3810103.7, 473.0, 1482.1, 0.0);
(369287.7, 3810070.5, 470.5, 1482.1, 0.0); (369552.7, 3810645.9, 523.6, 1482.1, 0.0);
(369879.1, 3810188.2, 474.8, 1482.1, 0.0); (369887.5, 3810212.3, 473.6, 1482.1, 0.0);
(369862.8, 3810208.8, 473.2, 1482.1, 0.0); (369893.2, 3810236.1, 473.7, 1482.1, 0.0);
(369865.7, 3810232.1, 473.4, 1482.1, 0.0); (369921.4, 3810332.1, 473.9, 1482.1, 0.0);
(369893.9, 3810328.1, 473.3, 1482.1, 0.0); (369866.4, 3810324.1, 472.5, 1482.1, 0.0);
(369838.8, 3810320.1, 472.4, 1482.1, 0.0); (369811.3, 3810316.1, 472.6, 1482.1, 0.0);
(369949.6, 3810329.8, 474.8, 1482.1, 0.0); (369948.8, 3810427.9, 476.5, 1482.1, 0.0);
(369919.7, 3810423.7, 476.6, 1482.1, 0.0); (369890.5, 3810419.4, 476.4, 1482.1, 0.0);
(369861.4, 3810415.2, 476.1, 1482.1, 0.0); (369832.3, 3810411.0, 475.8, 1482.1, 0.0);
(369803.1, 3810406.7, 475.7, 1482.1, 0.0); (369774.0, 3810402.5, 475.8, 1482.1, 0.0);
(369744.8, 3810398.3, 475.6, 1482.1, 0.0); (369977.8, 3810425.8, 476.4, 1482.1, 0.0);
(369977.2, 3810523.9, 478.9, 1482.1, 0.0); (369948.5, 3810519.7, 480.6, 1482.1, 0.0);
(369919.8, 3810515.5, 481.8, 1482.1, 0.0); (369891.1, 3810511.3, 482.1, 1482.1, 0.0);

```
     ( 369862.4, 3810507.2,     481.8,    1482.1,       0.0);         ( 369833.7,
3810503.0,     481.5,    1482.1,       0.0);
     ( 369804.9, 3810498.8,     481.1,    1482.1,       0.0);         ( 369776.2,
3810494.7,     480.4,    1482.1,       0.0);
     ( 369747.5, 3810490.5,     479.9,    1482.1,       0.0);         ( 369718.8,
3810486.3,     480.1,    1482.1,       0.0);
     ( 369690.1, 3810482.1,     480.3,    1482.1,       0.0);         ( 370006.0,
3810521.7,     480.7,    1482.1,       0.0);
     ( 370005.1, 3810619.8,     479.9,    1482.1,       0.0);         ( 369975.6,
3810615.5,     478.4,    1482.1,       0.0);
     ( 369946.1, 3810611.2,     479.1,    1482.1,       0.0);         ( 369916.6,
3810606.9,     481.6,    1482.1,       0.0);
     ( 369887.1, 3810602.6,     481.5,    1482.1,       0.0);         ( 369857.6,
3810598.3,     481.0,    1482.1,       0.0);
     ( 369828.1, 3810594.0,     481.5,    1482.1,       0.0);         ( 369798.7,
3810589.8,     482.4,    1482.1,       0.0);
     ( 369769.2, 3810585.5,     479.8,    1482.1,       0.0);         ( 369739.7,
3810581.2,     479.7,    1482.1,       0.0);
     ( 369710.2, 3810576.9,     480.2,    1482.1,       0.0);         ( 369680.7,
3810572.6,     482.7,    1482.1,       0.0);
     ( 369651.2, 3810568.3,     485.4,    1482.1,       0.0);         ( 370034.2,
3810617.7,     480.5,    1482.1,       0.0);
     ( 370033.5, 3810715.7,     482.8,    1482.1,       0.0);         ( 370004.3,
3810711.5,     482.7,    1482.1,       0.0);
     ( 369975.2, 3810707.2,     481.9,    1482.1,       0.0);         ( 369946.0,
3810703.0,     482.9,    1482.1,       0.0);
     ( 369916.9, 3810698.8,     486.4,    1482.1,       0.0);         ( 369887.8,
3810694.5,     487.2,    1482.1,       0.0);
     ( 369858.6, 3810690.3,     492.4,    1482.1,       0.0);         ( 369829.5,
3810686.1,     495.2,    1482.1,       0.0);
     ( 369800.3, 3810681.8,     487.3,    1482.1,       0.0);         ( 369771.2,
3810677.6,     483.2,    1482.1,       0.0);
     ( 369742.1, 3810673.4,     491.1,    1482.1,       0.0);         ( 369712.9,
3810669.1,     504.1,    1482.1,       0.0);
     ( 369683.8, 3810664.9,     506.9,    1482.1,       0.0);         ( 369654.6,
3810660.7,     501.2,    1482.1,       0.0);
     ( 369625.5, 3810656.4,     497.1,    1482.1,       0.0);         ( 369596.4,
3810652.2,     502.0,    1482.1,       0.0);
     ( 370062.4, 3810713.6,     483.1,    1482.1,       0.0);         ( 369930.0,
3810171.2,     476.5,    1482.1,       0.0);
     ( 369915.7, 3810247.0,     473.9,    1482.1,       0.0);         ( 369793.0,
3810520.8,     480.6,    1482.1,       0.0);
     ( 369735.8, 3810604.7,     483.5,    1482.1,       0.0);         ( 369678.5,
3810688.6,     514.0,    1482.1,       0.0);
     ( 369711.2, 3810703.3,     508.6,    1482.1,       0.0);         ( 369951.0,
3810180.1,     476.4,    1482.1,       0.0);
     ( 369974.7, 3810185.5,     476.4,    1482.1,       0.0);         ( 370069.5,
3810207.2,     487.9,    1482.1,       0.0);
     ( 369969.1, 3810209.9,     475.9,    1482.1,       0.0);         ( 369992.8,
3810215.3,     475.9,    1482.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369987.3, 3810239.7, 474.5, 1482.1, 0.0); (370011.0, 3810245.1, 474.4, 1482.1, 0.0);
(370034.6, 3810250.5, 474.5, 1482.1, 0.0); (370058.3, 3810255.9, 474.9, 1482.1, 0.0);
(370005.4, 3810269.5, 474.5, 1482.1, 0.0); (370029.1, 3810274.9, 474.8, 1482.1, 0.0);
(370052.8, 3810280.3, 474.9, 1482.1, 0.0); (369935.7, 3810356.1, 473.9, 1482.1, 0.0);
(369959.4, 3810361.5, 474.0, 1482.1, 0.0); (369983.1, 3810366.9, 474.2, 1482.1, 0.0);
(370006.8, 3810372.4, 474.4, 1482.1, 0.0); (369871.1, 3810442.0, 476.3, 1482.1, 0.0);
(369913.4, 3810453.6, 476.8, 1482.1, 0.0); (369937.1, 3810459.0, 477.9, 1482.1, 0.0);
(369960.8, 3810464.4, 477.9, 1482.1, 0.0); (369984.5, 3810469.8, 479.5, 1482.1, 0.0);
(370008.2, 3810475.3, 481.6, 1482.1, 0.0); (369848.8, 3810539.4, 477.1, 1482.1, 0.0);
(369891.1, 3810551.1, 477.7, 1482.1, 0.0); (369914.8, 3810556.5, 478.9, 1482.1, 0.0);
(369938.5, 3810561.9, 478.5, 1482.1, 0.0); (369962.2, 3810567.3, 477.9, 1482.1, 0.0);
(369985.9, 3810572.8, 478.1, 1482.1, 0.0); (369826.5, 3810636.9, 482.4, 1482.1, 0.0);
(369789.3, 3810624.5, 482.1, 1482.1, 0.0); (369868.9, 3810648.6, 484.7, 1482.1, 0.0);
(369892.5, 3810654.0, 484.8, 1482.1, 0.0); (369916.2, 3810659.4, 484.6, 1482.1, 0.0);
(369939.9, 3810664.8, 481.6, 1482.1, 0.0); (369963.6, 3810670.2, 480.5, 1482.1, 0.0);
(369800.5, 3810733.2, 496.1, 1482.1, 0.0); (369778.2, 3810725.7, 489.5, 1482.1, 0.0);
(369755.9, 3810718.2, 489.0, 1482.1, 0.0); (369733.5, 3810710.7, 496.3, 1482.1, 0.0);
(369822.9, 3810740.6, 505.8, 1482.1, 0.0); (369846.6, 3810746.1, 503.9, 1482.1, 0.0);
(369870.3, 3810751.5, 491.5, 1482.1, 0.0); (369894.0, 3810756.9, 489.2, 1482.1, 0.0);

```
     ( 369917.6, 3810762.3,     489.0,    1482.1,       0.0);         ( 369941.3,
3810767.7,     489.1,    1482.1,       0.0);
     ( 370097.2, 3810203.4,     481.2,    1482.1,       0.0);         ( 370086.3,
3810231.5,     475.5,    1482.1,       0.0);
     ( 370119.3, 3810223.9,     476.6,    1482.1,       0.0);         ( 370108.4,
3810252.1,     475.4,    1482.1,       0.0);
     ( 370136.5, 3810373.9,     475.6,    1482.1,       0.0);         ( 370125.8,
3810475.1,     482.9,    1482.1,       0.0);
     ( 370092.2, 3810475.2,     482.4,    1482.1,       0.0);         ( 370058.6,
3810475.2,     482.1,    1482.1,       0.0);
     ( 370148.8, 3810572.6,     479.7,    1482.1,       0.0);         ( 370116.2,
3810572.6,     479.4,    1482.1,       0.0);
     ( 370083.6, 3810572.6,     479.5,    1482.1,       0.0);         ( 370051.0,
3810572.7,     479.9,    1482.1,       0.0);
     ( 370018.5, 3810572.7,     479.9,    1482.1,       0.0);         ( 370181.5,
3810568.7,     479.8,    1482.1,       0.0);
     ( 370171.5, 3810670.0,     484.0,    1482.1,       0.0);         ( 370139.6,
3810670.0,     483.9,    1482.1,       0.0);
     ( 370107.6, 3810670.1,     483.7,    1482.1,       0.0);         ( 370075.6,
3810670.1,     482.3,    1482.1,       0.0);
     ( 370043.6, 3810670.1,     481.7,    1482.1,       0.0);         ( 370011.6,
3810670.2,     481.7,    1482.1,       0.0);
     ( 370204.0, 3810666.2,     484.1,    1482.1,       0.0);         ( 370193.2,
3810767.4,     493.0,    1482.1,       0.0);
     ( 370159.7, 3810767.5,     500.4,    1482.1,       0.0);         ( 370126.1,
3810767.5,     498.8,    1482.1,       0.0);
     ( 370092.5, 3810767.6,     492.2,    1482.1,       0.0);         ( 370058.9,
3810767.6,     485.5,    1482.1,       0.0);
     ( 370025.3, 3810767.6,     485.5,    1482.1,       0.0);         ( 369991.7,
3810767.7,     484.7,    1482.1,       0.0);
     ( 370226.5, 3810763.6,     488.9,    1482.1,       0.0);         ( 369890.0,
3810626.2,     483.3,    1482.1,       0.0);
     ( 369840.9, 3810713.3,     502.6,    1482.1,       0.0);         ( 370144.5,
3810239.5,     475.7,    1482.1,       0.0);
     ( 370132.2, 3810261.3,     475.8,    1482.1,       0.0);         ( 370171.6,
3810285.3,     475.9,    1482.1,       0.0);
     ( 370172.5, 3810386.9,     476.1,    1482.1,       0.0);         ( 370174.2,
3810482.4,     483.3,    1482.1,       0.0);
     ( 370038.8, 3810460.2,     479.5,    1482.1,       0.0);         ( 370209.0,
3810481.8,     483.6,    1482.1,       0.0);
     ( 370006.7, 3810550.1,     478.2,    1482.1,       0.0);         ( 369955.9,
3810541.8,     477.7,    1482.1,       0.0);
     ( 370209.9, 3810583.4,     480.1,    1482.1,       0.0);         ( 370245.4,
3810576.6,     480.5,    1482.1,       0.0);
     ( 370032.5, 3810649.5,     481.4,    1482.1,       0.0);         ( 369996.9,
3810643.7,     480.0,    1482.1,       0.0);
     ( 369961.2, 3810637.9,     479.3,    1482.1,       0.0);         ( 369925.6,
3810632.0,     482.6,    1482.1,       0.0);
     ( 370228.5, 3810681.6,     484.2,    1482.1,       0.0);         ( 370264.1,
3810674.8,     484.3,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369964.6, 3810733.6, 483.4, 1482.1, 0.0); (369929.2,
3810727.8, 486.2, 1482.1, 0.0);
(369893.9, 3810722.0, 488.3, 1482.1, 0.0); (370247.2,
3810779.8, 488.3, 1482.1, 0.0);
(370282.8, 3810773.1, 487.8, 1482.1, 0.0); (370197.7,
3810206.9, 478.0, 1482.1, 0.0);
(370201.0, 3810256.8, 476.2, 1482.1, 0.0); (370202.7,
3810281.7, 476.5, 1482.1, 0.0);
(370196.7, 3810382.4, 476.2, 1482.1, 0.0); (370210.8,
3810782.3, 489.8, 1482.1, 0.0);
(370233.3, 3810215.2, 479.8, 1482.1, 0.0); (370261.3,
3810183.9, 489.7, 1482.1, 0.0);
(370266.0, 3810216.2, 479.1, 1482.1, 0.0); (370284.6,
3810232.9, 476.4, 1482.1, 0.0);
(370328.3, 3810323.4, 479.2, 1482.1, 0.0); (370294.3,
3810340.0, 477.8, 1482.1, 0.0);
(370401.4, 3810390.7, 481.1, 1482.1, 0.0); (370327.3,
3810426.9, 481.4, 1482.1, 0.0);
(370290.2, 3810445.1, 483.3, 1482.1, 0.0); (370433.9,
3810366.0, 480.3, 1482.1, 0.0);
(370458.3, 3810465.9, 485.9, 1482.1, 0.0); (370422.1,
3810483.6, 485.0, 1482.1, 0.0);
(370385.8, 3810501.4, 482.4, 1482.1, 0.0); (370331.5,
3810527.9, 480.4, 1482.1, 0.0);
(370295.2, 3810545.6, 480.5, 1482.1, 0.0); (370522.5,
3810416.9, 481.8, 1482.1, 0.0);
(370551.3, 3810523.5, 485.0, 1482.1, 0.0); (370497.6,
3810549.8, 485.9, 1482.1, 0.0);
(370461.9, 3810567.2, 485.4, 1482.1, 0.0); (370426.1,
3810584.7, 484.9, 1482.1, 0.0);
(370390.4, 3810602.2, 484.3, 1482.1, 0.0); (370354.6,
3810619.7, 482.4, 1482.1, 0.0);
(370318.8, 3810637.1, 482.5, 1482.1, 0.0); (370283.1,
3810654.6, 483.9, 1482.1, 0.0);
(370583.1, 3810499.1, 487.1, 1482.1, 0.0); (370625.3,
3810590.4, 487.9, 1482.1, 0.0);

```
     ( 370588.2, 3810608.5,     489.7,    1482.1,       0.0);         ( 370551.1,
3810626.6,     492.4,    1482.1,       0.0);
     ( 370514.1, 3810644.8,     488.6,    1482.1,       0.0);         ( 370477.0,
3810662.9,     486.5,    1482.1,       0.0);
     ( 370440.0, 3810681.0,     486.7,    1482.1,       0.0);         ( 370402.9,
3810699.1,     487.1,    1482.1,       0.0);
     ( 370365.8, 3810717.2,     487.2,    1482.1,       0.0);         ( 370328.8,
3810735.3,     486.3,    1482.1,       0.0);
     ( 370657.8, 3810565.7,     488.9,    1482.1,       0.0);         ( 370310.1,
3810228.2,     477.2,    1482.1,       0.0);
     ( 370352.1, 3810424.7,     481.3,    1482.1,       0.0);         ( 370419.7,
3810508.1,     482.2,    1482.1,       0.0);
     ( 370412.8, 3810615.3,     485.9,    1482.1,       0.0);         ( 370450.0,
3810603.4,     485.8,    1482.1,       0.0);
     ( 370405.9, 3810722.4,     487.6,    1482.1,       0.0);         ( 370443.1,
3810710.6,     488.0,    1482.1,       0.0);
     ( 370480.3, 3810698.7,     487.6,    1482.1,       0.0);         ( 370315.6,
3810145.1,     480.6,    1482.1,       0.0);
     ( 370332.8, 3810163.3,     478.9,    1482.1,       0.0);         ( 370365.2,
3810167.1,     478.6,    1482.1,       0.0);
     ( 370420.4, 3810281.4,     479.5,    1482.1,       0.0);         ( 370471.6,
3810364.4,     480.8,    1482.1,       0.0);
     ( 370556.1, 3810427.8,     482.0,    1482.1,       0.0);         ( 370487.9,
3810467.9,     486.4,    1482.1,       0.0);
     ( 370588.4, 3810403.3,     482.4,    1482.1,       0.0);         ( 370624.4,
3810500.7,     488.1,    1482.1,       0.0);
     ( 370589.5, 3810521.2,     486.1,    1482.1,       0.0);         ( 370502.3,
3810572.6,     486.6,    1482.1,       0.0);
     ( 370657.0, 3810476.0,     489.2,    1482.1,       0.0);         ( 370692.8,
3810573.5,     489.7,    1482.1,       0.0);
     ( 370657.4, 3810594.4,     488.1,    1482.1,       0.0);         ( 370622.0,
3810615.3,     490.6,    1482.1,       0.0);
     ( 370586.6, 3810636.1,     492.5,    1482.1,       0.0);         ( 370551.1,
3810657.0,     491.8,    1482.1,       0.0);
     ( 370515.7, 3810677.9,     488.4,    1482.1,       0.0);         ( 370725.7,
3810548.7,     490.4,    1482.1,       0.0);
     ( 370339.7, 3810134.9,     480.4,    1482.1,       0.0);         ( 370363.1,
3810132.4,     480.4,    1482.1,       0.0);
     ( 370389.1, 3810154.7,     479.3,    1482.1,       0.0);         ( 370391.8,
3810179.5,     478.3,    1482.1,       0.0);
     ( 370415.2, 3810177.0,     478.4,    1482.1,       0.0);         ( 370438.5,
3810174.4,     478.8,    1482.1,       0.0);
     ( 370417.9, 3810201.8,     478.1,    1482.1,       0.0);         ( 370441.2,
3810199.3,     478.4,    1482.1,       0.0);
     ( 370405.3, 3810303.8,     479.2,    1482.1,       0.0);         ( 370452.0,
3810298.7,     479.7,    1482.1,       0.0);
     ( 370439.5, 3810400.7,     480.7,    1482.1,       0.0);         ( 370462.8,
3810398.1,     481.2,    1482.1,       0.0);
     ( 370450.3, 3810500.1,     483.2,    1482.1,       0.0);         ( 370473.6,
3810497.5,     483.8,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.5, 3810294.8, 479.9, 1482.1, 0.0); (370499.2,
3810394.2, 480.9, 1482.1, 0.0);
(370509.9, 3810493.6, 485.0, 1482.1, 0.0); (370520.6,
3810593.1, 486.8, 1482.1, 0.0);
(370549.6, 3810690.5, 491.3, 1482.1, 0.0); (370336.4,
3810228.2, 477.6, 1482.1, 0.0);
(370169.7, 3810339.6, 476.2, 1482.1, 0.0); (370090.8,
3810401.0, 476.2, 1482.1, 0.0);
(370029.6, 3810485.2, 482.5, 1482.1, 0.0); (370526.9,
3810167.6, 479.7, 1482.1, 0.0);
(370500.7, 3810191.8, 479.5, 1482.1, 0.0); (370526.0,
3810192.6, 479.6, 1482.1, 0.0);
(370499.8, 3810216.8, 479.3, 1482.1, 0.0); (370525.2,
3810217.6, 479.2, 1482.1, 0.0);
(370399.3, 3810267.1, 479.3, 1482.1, 0.0); (370377.7,
3810256.1, 478.7, 1482.1, 0.0);
(370356.1, 3810245.1, 478.4, 1482.1, 0.0); (370496.5,
3810316.7, 480.0, 1482.1, 0.0);
(370521.9, 3810317.5, 480.4, 1482.1, 0.0); (370482.3,
3810411.1, 481.0, 1482.1, 0.0);
(370396.0, 3810367.1, 480.4, 1482.1, 0.0); (370374.4,
3810356.1, 479.5, 1482.1, 0.0);
(370352.8, 3810345.1, 479.3, 1482.1, 0.0); (370277.2,
3810306.5, 477.0, 1482.1, 0.0);
(370400.2, 3810470.9, 485.8, 1482.1, 0.0); (370377.8,
3810459.5, 485.1, 1482.1, 0.0);
(370355.4, 3810448.1, 484.7, 1482.1, 0.0); (370299.4,
3810419.5, 479.9, 1482.1, 0.0);
(370277.0, 3810408.1, 478.7, 1482.1, 0.0); (370489.8,
3810516.6, 484.1, 1482.1, 0.0);
(370397.5, 3810571.2, 484.1, 1482.1, 0.0); (370375.3,
3810559.9, 482.9, 1482.1, 0.0);
(370353.1, 3810548.5, 481.9, 1482.1, 0.0); (370308.6,
3810525.8, 480.0, 1482.1, 0.0);

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     ( 370286.4, 3810514.5,     479.7,    1482.1,       0.0);         ( 370253.0,
3810497.5,     481.4,    1482.1,       0.0);
     ( 370499.1, 3810616.9,     487.4,    1482.1,       0.0);         ( 370394.6,
3810671.4,     486.3,    1482.1,       0.0);
     ( 370372.5, 3810660.1,     485.7,    1482.1,       0.0);         ( 370350.4,
3810648.8,     484.4,    1482.1,       0.0);
     ( 370295.1, 3810620.6,     482.1,    1482.1,       0.0);         ( 370273.0,
3810609.3,     481.8,    1482.1,       0.0);
     ( 370162.3, 3810552.9,     479.1,    1482.1,       0.0);         ( 370140.2,
3810541.6,     478.4,    1482.1,       0.0);
     ( 370118.1, 3810530.4,     478.9,    1482.1,       0.0);         ( 370096.0,
3810519.1,     479.9,    1482.1,       0.0);
     ( 370073.9, 3810507.8,     481.1,    1482.1,       0.0);         ( 370495.8,
3810716.9,     488.6,    1482.1,       0.0);
     ( 370547.9, 3810133.5,     479.6,    1482.1,       0.0);         ( 370567.3,
3810109.8,     480.1,    1482.1,       0.0);
     ( 370586.7, 3810125.7,     480.4,    1482.1,       0.0);         ( 370548.3,
3810188.2,     479.7,    1482.1,       0.0);
     ( 370593.8, 3810190.3,     480.3,    1482.1,       0.0);         ( 370554.9,
3810211.7,     479.4,    1482.1,       0.0);
     ( 370671.1, 3810253.8,     481.9,    1482.1,       0.0);         ( 370635.0,
3810281.5,     481.1,    1482.1,       0.0);
     ( 370596.1, 3810302.8,     480.9,    1482.1,       0.0);         ( 370566.4,
3810308.7,     480.8,    1482.1,       0.0);
     ( 370692.8, 3810232.8,     482.3,    1482.1,       0.0);         ( 370748.4,
3810317.3,     483.2,    1482.1,       0.0);
     ( 370724.3, 3810335.7,     482.6,    1482.1,       0.0);         ( 370700.3,
3810354.1,     482.4,    1482.1,       0.0);
     ( 370676.2, 3810372.6,     482.7,    1482.1,       0.0);         ( 370637.3,
3810393.9,     482.7,    1482.1,       0.0);
     ( 370770.1, 3810296.2,     483.3,    1482.1,       0.0);         ( 370825.6,
3810380.8,     483.4,    1482.1,       0.0);
     ( 370801.6, 3810399.2,     483.0,    1482.1,       0.0);         ( 370777.5,
3810417.6,     485.7,    1482.1,       0.0);
     ( 370753.5, 3810436.0,     486.3,    1482.1,       0.0);         ( 370729.5,
3810454.5,     486.6,    1482.1,       0.0);
     ( 370705.4, 3810472.9,     489.1,    1482.1,       0.0);         ( 370678.6,
3810485.0,     489.6,    1482.1,       0.0);
     ( 370530.0, 3810514.5,     484.7,    1482.1,       0.0);         ( 370847.4,
3810359.7,     483.8,    1482.1,       0.0);
     ( 370902.9, 3810444.2,     484.4,    1482.1,       0.0);         ( 370878.9,
3810462.7,     485.5,    1482.1,       0.0);
     ( 370854.8, 3810481.1,     489.7,    1482.1,       0.0);         ( 370830.8,
3810499.5,     493.1,    1482.1,       0.0);
     ( 370806.8, 3810517.9,     492.3,    1482.1,       0.0);         ( 370782.7,
3810536.4,     491.5,    1482.1,       0.0);
     ( 370758.7, 3810554.8,     490.5,    1482.1,       0.0);         ( 370719.8,
3810576.2,     490.9,    1482.1,       0.0);
     ( 370924.6, 3810423.2,     484.4,    1482.1,       0.0);         ( 370980.2,
3810507.7,     488.2,    1482.1,       0.0);
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(370956.1, 3810526.1, 493.0, 1482.1, 0.0); (370932.1, 3810544.6, 495.2, 1482.1, 0.0);
(370908.1, 3810563.0, 495.2, 1482.1, 0.0); (370884.0, 3810581.4, 496.7, 1482.1, 0.0);
(370860.0, 3810599.8, 496.4, 1482.1, 0.0); (370836.0, 3810618.3, 494.9, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370811.9, 3810636.7, 493.4, 1482.1, 0.0); (370787.9, 3810655.1, 492.8, 1482.1, 0.0);
(370761.0, 3810667.3, 492.2, 1482.1, 0.0); (370731.3, 3810673.2, 492.8, 1482.1, 0.0);
(370701.6, 3810679.0, 491.5, 1482.1, 0.0); (370671.9, 3810684.9, 491.1, 1482.1, 0.0);
(370642.2, 3810690.8, 492.8, 1482.1, 0.0); (370612.5, 3810696.7, 492.7, 1482.1, 0.0);
(370582.8, 3810702.6, 492.5, 1482.1, 0.0); (370538.2, 3810711.4, 489.9, 1482.1, 0.0);
(371001.9, 3810486.7, 486.2, 1482.1, 0.0); (370553.8, 3810393.9, 481.4, 1482.1, 0.0);
(370555.8, 3810493.9, 486.2, 1482.1, 0.0); (370557.7, 3810593.9, 486.8, 1482.1, 0.0);
(370620.5, 3810108.0, 480.8, 1482.1, 0.0); (370657.8, 3810092.0, 481.1, 1482.1, 0.0);
(370630.5, 3810131.0, 480.8, 1482.1, 0.0); (370667.7, 3810114.9, 481.4, 1482.1, 0.0);
(370659.0, 3810145.9, 481.6, 1482.1, 0.0); (370696.2, 3810129.8, 481.6, 1482.1, 0.0);
(370631.7, 3810184.9, 480.0, 1482.1, 0.0); (370668.9, 3810168.8, 481.2, 1482.1, 0.0);
(370706.1, 3810152.8, 482.0, 1482.1, 0.0); (370671.3, 3810276.7, 481.9, 1482.1, 0.0);
(370708.5, 3810260.7, 482.4, 1482.1, 0.0); (370745.8, 3810244.6, 482.8, 1482.1, 0.0);
(370729.6, 3810360.5, 482.2, 1482.1, 0.0); (370766.8, 3810344.4, 483.0, 1482.1, 0.0);
(370769.2, 3810452.3, 488.4, 1482.1, 0.0); (370806.4, 3810436.2, 486.3, 1482.1, 0.0);
(370808.8, 3810544.1, 492.4, 1482.1, 0.0); (370846.1, 3810528.0, 493.1, 1482.1, 0.0);

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     ( 370867.1, 3810627.9,     496.5,    1482.1,       0.0);         ( 370904.3,
3810611.8,     498.2,    1482.1,       0.0);
     ( 370683.3, 3810079.4,     480.9,    1482.1,       0.0);         ( 370701.6,
3810062.7,     481.9,    1482.1,       0.0);
     ( 370719.9, 3810046.1,     483.9,    1482.1,       0.0);         ( 370738.1,
3810029.4,     484.6,    1482.1,       0.0);
     ( 370756.4, 3810012.7,     485.1,    1482.1,       0.0);         ( 370774.7,
3809996.0,     486.4,    1482.1,       0.0);
     ( 370700.2, 3810097.9,     481.4,    1482.1,       0.0);         ( 370718.5,
3810081.2,     482.1,    1482.1,       0.0);
     ( 370736.7, 3810064.5,     483.7,    1482.1,       0.0);         ( 370755.0,
3810047.8,     484.4,    1482.1,       0.0);
     ( 370773.3, 3810031.1,     485.0,    1482.1,       0.0);         ( 370791.5,
3810014.5,     485.3,    1482.1,       0.0);
     ( 370717.1, 3810116.3,     481.7,    1482.1,       0.0);         ( 370735.3,
3810099.7,     481.7,    1482.1,       0.0);
     ( 370753.6, 3810083.0,     482.8,    1482.1,       0.0);         ( 370771.9,
3810066.3,     484.3,    1482.1,       0.0);
     ( 370790.1, 3810049.6,     484.9,    1482.1,       0.0);         ( 370808.4,
3810032.9,     485.4,    1482.1,       0.0);
     ( 370733.9, 3810134.8,     481.9,    1482.1,       0.0);         ( 370752.2,
3810118.1,     481.7,    1482.1,       0.0);
     ( 370770.5, 3810101.4,     481.9,    1482.1,       0.0);         ( 370788.7,
3810084.7,     483.7,    1482.1,       0.0);
     ( 370807.0, 3810068.1,     484.7,    1482.1,       0.0);         ( 370825.3,
3810051.4,     485.2,    1482.1,       0.0);
     ( 370782.8, 3810220.6,     483.3,    1482.1,       0.0);         ( 370819.6,
3810191.9,     482.5,    1482.1,       0.0);
     ( 370837.9, 3810175.3,     482.2,    1482.1,       0.0);         ( 370856.2,
3810158.6,     483.2,    1482.1,       0.0);
     ( 370874.4, 3810141.9,     484.1,    1482.1,       0.0);         ( 370892.7,
3810125.2,     484.8,    1482.1,       0.0);
     ( 370852.1, 3810293.2,     483.9,    1482.1,       0.0);         ( 370818.8,
3810314.8,     484.0,    1482.1,       0.0);
     ( 370887.1, 3810265.8,     484.5,    1482.1,       0.0);         ( 370905.3,
3810249.1,     483.3,    1482.1,       0.0);
     ( 370923.6, 3810232.4,     482.7,    1482.1,       0.0);         ( 370941.9,
3810215.7,     482.8,    1482.1,       0.0);
     ( 370960.1, 3810199.0,     484.7,    1482.1,       0.0);         ( 370917.7,
3810368.3,     484.7,    1482.1,       0.0);
     ( 370880.6, 3810392.2,     484.2,    1482.1,       0.0);         ( 370843.6,
3810416.2,     483.9,    1482.1,       0.0);
     ( 370954.5, 3810339.6,     485.2,    1482.1,       0.0);         ( 370972.8,
3810322.9,     485.2,    1482.1,       0.0);
     ( 370991.1, 3810306.2,     485.3,    1482.1,       0.0);         ( 371009.3,
3810289.5,     484.5,    1482.1,       0.0);
     ( 371027.6, 3810272.9,     483.2,    1482.1,       0.0);         ( 370983.8,
3810443.0,     485.5,    1482.1,       0.0);
     ( 370964.0, 3810455.8,     485.5,    1482.1,       0.0);         ( 370944.1,
3810468.6,     485.8,    1482.1,       0.0);
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(370924.3, 3810481.5, 486.2, 1482.1, 0.0); (370904.4, 3810494.3, 488.4, 1482.1, 0.0);
(370884.5, 3810507.2, 491.8, 1482.1, 0.0); (371003.7, 3810430.1, 485.4, 1482.1, 0.0);
(371022.0, 3810413.4, 485.2, 1482.1, 0.0); (371040.2, 3810396.8, 485.8, 1482.1, 0.0);
(371058.5, 3810380.1, 486.4, 1482.1, 0.0); (371076.8, 3810363.4, 486.5, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371095.0, 3810346.7, 486.5, 1482.1, 0.0); (371052.6, 3810515.9, 487.7, 1482.1, 0.0);
(371015.5, 3810539.9, 491.8, 1482.1, 0.0); (370978.5, 3810563.9, 496.7, 1482.1, 0.0);
(370941.4, 3810587.8, 499.2, 1482.1, 0.0); (371089.4, 3810487.3, 486.3, 1482.1, 0.0);
(371107.7, 3810470.6, 486.5, 1482.1, 0.0); (371126.0, 3810453.9, 486.9, 1482.1, 0.0);
(371144.2, 3810437.2, 486.4, 1482.1, 0.0); (371162.5, 3810420.5, 485.4, 1482.1, 0.0);
(370823.6, 3810014.7, 485.6, 1482.1, 0.0); (370847.0, 3810018.9, 486.0, 1482.1, 0.0);
(370870.4, 3810023.1, 487.9, 1482.1, 0.0); (370893.8, 3810027.3, 488.4, 1482.1, 0.0);
(370917.2, 3810031.4, 489.9, 1482.1, 0.0); (370940.7, 3810035.6, 494.6, 1482.1, 0.0);
(370964.1, 3810039.8, 493.0, 1482.1, 0.0); (370987.5, 3810044.0, 490.2, 1482.1, 0.0);
(371010.9, 3810048.2, 491.6, 1482.1, 0.0); (370866.0, 3810047.7, 485.4, 1482.1, 0.0);
(370889.5, 3810051.9, 485.5, 1482.1, 0.0); (370912.9, 3810056.0, 486.2, 1482.1, 0.0);
(370936.3, 3810060.2, 488.6, 1482.1, 0.0); (370959.7, 3810064.4, 492.2, 1482.1, 0.0);
(370983.1, 3810068.6, 495.2, 1482.1, 0.0); (371006.5, 3810072.8, 493.8, 1482.1, 0.0);
(370861.6, 3810072.3, 484.9, 1482.1, 0.0); (370885.0, 3810076.5, 484.9, 1482.1, 0.0);
(370908.5, 3810080.7, 485.1, 1482.1, 0.0); (370931.9, 3810084.8, 485.4, 1482.1, 0.0);

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     ( 370955.3, 3810089.0,     487.3,    1482.1,       0.0);         ( 370978.7,
3810093.2,     490.1,    1482.1,       0.0);
     ( 371002.1, 3810097.4,     494.5,    1482.1,       0.0);         ( 370833.8,
3810092.7,     484.4,    1482.1,       0.0);
     ( 370857.2, 3810096.9,     484.8,    1482.1,       0.0);         ( 370880.6,
3810101.1,     484.3,    1482.1,       0.0);
     ( 370904.1, 3810105.3,     484.8,    1482.1,       0.0);         ( 370927.5,
3810109.5,     485.1,    1482.1,       0.0);
     ( 370950.9, 3810113.6,     485.4,    1482.1,       0.0);         ( 370974.3,
3810117.8,     487.0,    1482.1,       0.0);
     ( 370997.7, 3810122.0,     490.4,    1482.1,       0.0);         ( 370722.6,
3810174.4,     480.7,    1482.1,       0.0);
     ( 370746.0, 3810178.6,     480.5,    1482.1,       0.0);         ( 370769.4,
3810182.8,     480.9,    1482.1,       0.0);
     ( 370792.8, 3810187.0,     481.6,    1482.1,       0.0);         ( 370863.0,
3810199.5,     482.0,    1482.1,       0.0);
     ( 370886.5, 3810203.7,     481.8,    1482.1,       0.0);         ( 370909.9,
3810207.9,     482.3,    1482.1,       0.0);
     ( 370980.1, 3810220.4,     482.9,    1482.1,       0.0);         ( 370728.4,
3810277.0,     483.0,    1482.1,       0.0);
     ( 370751.8, 3810281.2,     483.2,    1482.1,       0.0);         ( 370798.6,
3810289.6,     483.5,    1482.1,       0.0);
     ( 370892.3, 3810306.3,     484.6,    1482.1,       0.0);         ( 370915.7,
3810310.5,     484.9,    1482.1,       0.0);
     ( 370939.1, 3810314.7,     485.1,    1482.1,       0.0);         ( 370710.8,
3810375.5,     482.1,    1482.1,       0.0);
     ( 370757.6, 3810383.8,     483.2,    1482.1,       0.0);         ( 370781.0,
3810388.0,     483.1,    1482.1,       0.0);
     ( 370898.1, 3810409.0,     484.5,    1482.1,       0.0);         ( 370740.0,
3810482.3,     488.6,    1482.1,       0.0);
     ( 370763.4, 3810486.5,     489.5,    1482.1,       0.0);         ( 370786.8,
3810490.7,     490.8,    1482.1,       0.0);
     ( 370927.3, 3810515.8,     491.5,    1482.1,       0.0);         ( 370745.8,
3810584.9,     491.2,    1482.1,       0.0);
     ( 370769.2, 3810589.1,     491.1,    1482.1,       0.0);         ( 370792.7,
3810593.3,     492.3,    1482.1,       0.0);
     ( 370816.1, 3810597.5,     494.7,    1482.1,       0.0);         ( 371046.6,
3810082.6,     501.7,    1482.1,       0.0);
     ( 371071.1, 3810084.3,     509.6,    1482.1,       0.0);         ( 371095.5,
3810086.0,     516.7,    1482.1,       0.0);
     ( 371120.0, 3810087.8,     522.3,    1482.1,       0.0);         ( 371144.4,
3810089.5,     523.4,    1482.1,       0.0);
     ( 371044.8, 3810107.5,     500.7,    1482.1,       0.0);         ( 371069.3,
3810109.3,     510.3,    1482.1,       0.0);
     ( 371093.8, 3810111.0,     520.9,    1482.1,       0.0);         ( 371118.2,
3810112.7,     529.9,    1482.1,       0.0);
     ( 371142.7, 3810114.4,     532.5,    1482.1,       0.0);         ( 371018.6,
3810130.7,     493.9,    1482.1,       0.0);
     ( 371043.1, 3810132.5,     499.0,    1482.1,       0.0);         ( 371067.5,
3810134.2,     507.6,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370964.5, 3810237.3, 482.3, 1482.1, 0.0); (370843.8, 3810128.0, 484.5, 1482.1, 0.0);
(371009.8, 3810255.4, 483.1, 1482.1, 0.0); (371058.7, 3810258.9, 483.4, 1482.1, 0.0);
(371083.2, 3810260.6, 487.1, 1482.1, 0.0); (371107.6, 3810262.3, 489.9, 1482.1, 0.0);
(371132.1, 3810264.1, 492.6, 1482.1, 0.0); (370981.5, 3810346.7, 485.0, 1482.1, 0.0);
(370820.5, 3810268.0, 483.8, 1482.1, 0.0); (370808.2, 3810248.7, 484.0, 1482.1, 0.0);
(371002.8, 3810355.2, 485.3, 1482.1, 0.0); (371027.2, 3810356.9, 485.8, 1482.1, 0.0);
(371125.0, 3810363.8, 486.0, 1482.1, 0.0); (370950.4, 3810436.8, 484.9, 1482.1, 0.0);
(370729.6, 3810302.7, 483.0, 1482.1, 0.0); (370663.8, 3810200.1, 479.9, 1482.1, 0.0);
(371020.2, 3810456.7, 485.8, 1482.1, 0.0); (371044.6, 3810458.4, 485.9, 1482.1, 0.0);
(371069.1, 3810460.1, 486.3, 1482.1, 0.0); (370692.8, 3810421.7, 484.0, 1482.1, 0.0);
(370680.2, 3810401.9, 483.1, 1482.1, 0.0); (370629.5, 3810323.0, 480.9, 1482.1, 0.0);
(371037.6, 3810558.1, 496.4, 1482.1, 0.0); (371062.0, 3810559.9, 493.9, 1482.1, 0.0);
(371086.5, 3810561.6, 493.6, 1482.1, 0.0); (371110.9, 3810563.3, 492.4, 1482.1, 0.0);
(370959.0, 3810645.4, 501.2, 1482.1, 0.0); (370936.3, 3810636.3, 500.5, 1482.1, 0.0);

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     ( 370687.1, 3810536.7,     488.5,    1482.1,       0.0);         ( 370664.5,
3810527.6,     487.9,    1482.1,       0.0);
     ( 370589.1, 3810436.4,     482.4,    1482.1,       0.0);         ( 370483.7,
3810272.1,     479.8,    1482.1,       0.0);
     ( 370981.6, 3810654.4,     508.1,    1482.1,       0.0);         ( 371006.1,
3810656.2,     513.1,    1482.1,       0.0);
     ( 371030.5, 3810657.9,     512.1,    1482.1,       0.0);         ( 371055.0,
3810659.6,     508.9,    1482.1,       0.0);
     ( 371079.4, 3810661.3,     506.4,    1482.1,       0.0);         ( 371103.9,
3810663.1,     506.2,    1482.1,       0.0);
     ( 371167.5, 3810080.6,     518.8,    1482.1,       0.0);         ( 371165.5,
3810108.7,     528.3,    1482.1,       0.0);
     ( 371178.9, 3810129.8,     536.3,    1482.1,       0.0);         ( 371191.2,
3810151.1,     545.2,    1482.1,       0.0);
     ( 371165.2, 3810157.7,     542.8,    1482.1,       0.0);         ( 371245.0,
3810235.4,     545.0,    1482.1,       0.0);
     ( 371218.9, 3810242.0,     530.3,    1482.1,       0.0);         ( 371192.9,
3810248.7,     510.9,    1482.1,       0.0);
     ( 371166.8, 3810255.3,     503.5,    1482.1,       0.0);         ( 371298.7,
3810319.8,     503.4,    1482.1,       0.0);
     ( 371272.6, 3810326.4,     500.1,    1482.1,       0.0);         ( 371246.6,
3810333.0,     492.2,    1482.1,       0.0);
     ( 371220.5, 3810339.6,     486.3,    1482.1,       0.0);         ( 371194.5,
3810346.2,     484.6,    1482.1,       0.0);
     ( 371168.5, 3810352.8,     484.1,    1482.1,       0.0);         ( 371352.1,
3810404.2,     486.1,    1482.1,       0.0);
     ( 371325.1, 3810411.0,     485.9,    1482.1,       0.0);         ( 371298.1,
3810417.9,     485.5,    1482.1,       0.0);
     ( 371271.1, 3810424.8,     484.7,    1482.1,       0.0);         ( 371244.1,
3810431.6,     484.9,    1482.1,       0.0);
     ( 371217.0, 3810438.4,     485.1,    1482.1,       0.0);         ( 371190.0,
3810445.3,     484.9,    1482.1,       0.0);
     ( 371163.0, 3810452.2,     486.1,    1482.1,       0.0);         ( 371405.9,
3810488.5,     486.3,    1482.1,       0.0);
     ( 371379.1, 3810495.3,     485.9,    1482.1,       0.0);         ( 371352.3,
3810502.1,     485.6,    1482.1,       0.0);
     ( 371325.5, 3810508.9,     485.7,    1482.1,       0.0);         ( 371298.6,
3810515.7,     485.2,    1482.1,       0.0);
     ( 371271.8, 3810522.5,     485.7,    1482.1,       0.0);         ( 371245.0,
3810529.3,     486.0,    1482.1,       0.0);
     ( 371218.2, 3810536.1,     486.2,    1482.1,       0.0);         ( 371191.4,
3810542.9,     487.6,    1482.1,       0.0);
     ( 371164.6, 3810549.7,     488.0,    1482.1,       0.0);         ( 371137.8,
3810556.5,     489.4,    1482.1,       0.0);
     ( 371459.7, 3810572.8,     486.4,    1482.1,       0.0);         ( 371433.0,
3810579.6,     487.8,    1482.1,       0.0);
     ( 371406.3, 3810586.4,     490.1,    1482.1,       0.0);         ( 371379.6,
3810593.1,     492.8,    1482.1,       0.0);
     ( 371353.0, 3810599.9,     492.2,    1482.1,       0.0);         ( 371326.3,
3810606.7,     494.1,    1482.1,       0.0);
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(371299.6, 3810613.4, 491.9, 1482.1, 0.0); (371272.9, 3810620.2, 490.0, 1482.1, 0.0);
(371246.2, 3810627.0, 493.6, 1482.1, 0.0); (371219.5, 3810633.8, 496.9, 1482.1, 0.0);
(371192.8, 3810640.5, 500.1, 1482.1, 0.0); (371166.1, 3810647.3, 500.6, 1482.1, 0.0);
(371139.5, 3810654.0, 502.0, 1482.1, 0.0); (371179.1, 3810059.5, 513.0, 1482.1, 0.0);
(371201.0, 3810071.5, 514.3, 1482.1, 0.0); (371189.4, 3810092.6, 525.6, 1482.1, 0.0);
(371204.1, 3810042.3, 503.8, 1482.1, 0.0); (371226.0, 3810071.5, 511.8, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371211.4, 3810104.7, 526.4, 1482.1, 0.0); (371229.1, 3810042.3, 503.3, 1482.1, 0.0);
(371250.0, 3810075.6, 510.5, 1482.1, 0.0); (371230.5, 3810119.7, 527.2, 1482.1, 0.0);
(371254.1, 3810042.3, 501.8, 1482.1, 0.0); (371350.0, 3810075.6, 516.0, 1482.1, 0.0);
(371341.8, 3810107.6, 516.7, 1482.1, 0.0); (371333.5, 3810139.7, 518.8, 1482.1, 0.0);
(371318.1, 3810167.8, 527.6, 1482.1, 0.0); (371295.5, 3810192.0, 543.7, 1482.1, 0.0);
(371272.9, 3810216.1, 549.7, 1482.1, 0.0); (371354.1, 3810042.3, 504.6, 1482.1, 0.0);
(371450.0, 3810075.6, 505.2, 1482.1, 0.0); (371441.8, 3810107.6, 505.5, 1482.1, 0.0);
(371433.5, 3810139.7, 511.3, 1482.1, 0.0); (371425.3, 3810171.8, 521.3, 1482.1, 0.0);
(371405.8, 3810215.9, 533.7, 1482.1, 0.0); (371383.2, 3810240.1, 538.9, 1482.1, 0.0);
(371360.5, 3810264.2, 536.0, 1482.1, 0.0); (371337.9, 3810288.4, 531.2, 1482.1, 0.0);
(371454.1, 3810042.3, 503.2, 1482.1, 0.0); (371550.0, 3810075.6, 505.6, 1482.1, 0.0);
(371541.8, 3810107.6, 511.7, 1482.1, 0.0); (371533.5, 3810139.7, 521.7, 1482.1, 0.0);
(371525.3, 3810171.8, 529.9, 1482.1, 0.0); (371517.1, 3810203.8, 544.6, 1482.1, 0.0);

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     ( 371508.9, 3810235.9,     538.7,    1482.1,       0.0);         ( 371493.5,
3810264.0,     523.9,    1482.1,       0.0);
     ( 371470.8, 3810288.1,     512.0,    1482.1,       0.0);         ( 371448.2,
3810312.3,     498.7,    1482.1,       0.0);
     ( 371425.6, 3810336.5,     497.0,    1482.1,       0.0);         ( 371403.0,
3810360.6,     499.1,    1482.1,       0.0);
     ( 371380.3, 3810384.8,     492.4,    1482.1,       0.0);         ( 371554.1,
3810042.3,     505.7,    1482.1,       0.0);
     ( 371650.0, 3810075.6,     512.5,    1482.1,       0.0);         ( 371641.8,
3810107.6,     510.9,    1482.1,       0.0);
     ( 371633.5, 3810139.7,     515.4,    1482.1,       0.0);         ( 371625.3,
3810171.8,     525.1,    1482.1,       0.0);
     ( 371617.1, 3810203.8,     541.9,    1482.1,       0.0);         ( 371608.9,
3810235.9,     544.3,    1482.1,       0.0);
     ( 371600.7, 3810267.9,     526.5,    1482.1,       0.0);         ( 371581.1,
3810312.1,     525.5,    1482.1,       0.0);
     ( 371558.5, 3810336.2,     520.3,    1482.1,       0.0);         ( 371535.9,
3810360.4,     506.2,    1482.1,       0.0);
     ( 371513.3, 3810384.6,     497.4,    1482.1,       0.0);         ( 371490.6,
3810408.7,     491.1,    1482.1,       0.0);
     ( 371468.0, 3810432.9,     486.3,    1482.1,       0.0);         ( 371445.4,
3810457.0,     486.4,    1482.1,       0.0);
     ( 371654.1, 3810042.3,     520.4,    1482.1,       0.0);         ( 371750.0,
3810075.6,     514.3,    1482.1,       0.0);
     ( 371741.8, 3810107.6,     517.0,    1482.1,       0.0);         ( 371733.5,
3810139.7,     515.6,    1482.1,       0.0);
     ( 371725.3, 3810171.8,     523.5,    1482.1,       0.0);         ( 371717.1,
3810203.8,     538.1,    1482.1,       0.0);
     ( 371708.9, 3810235.9,     536.2,    1482.1,       0.0);         ( 371700.7,
3810267.9,     517.4,    1482.1,       0.0);
     ( 371692.5, 3810300.0,     508.0,    1482.1,       0.0);         ( 371684.2,
3810332.1,     500.5,    1482.1,       0.0);
     ( 371668.8, 3810360.2,     502.6,    1482.1,       0.0);         ( 371646.2,
3810384.3,     497.6,    1482.1,       0.0);
     ( 371623.6, 3810408.5,     492.1,    1482.1,       0.0);         ( 371601.0,
3810432.7,     492.0,    1482.1,       0.0);
     ( 371578.3, 3810456.8,     487.6,    1482.1,       0.0);         ( 371555.7,
3810481.0,     487.0,    1482.1,       0.0);
     ( 371533.1, 3810505.1,     487.0,    1482.1,       0.0);         ( 371510.4,
3810529.3,     487.0,    1482.1,       0.0);
     ( 371487.8, 3810553.5,     486.3,    1482.1,       0.0);         ( 371754.1,
3810042.3,     520.3,    1482.1,       0.0);
     ( 371146.6, 3810066.1,     511.6,    1482.1,       0.0);         ( 371094.3,
3810233.1,     494.9,    1482.1,       0.0);
     ( 371064.5, 3810328.6,     486.0,    1482.1,       0.0);         ( 371046.1,
3810427.6,     485.9,    1482.1,       0.0);
     ( 371004.7, 3810519.4,     488.8,    1482.1,       0.0);         ( 370974.8,
3810614.9,     500.8,    1482.1,       0.0);
     ( 371119.5, 3810240.5,     496.5,    1482.1,       0.0);         ( 371073.4,
3810435.1,     486.4,    1482.1,       0.0);
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(371249.0, 3809919.6, 495.2, 1482.1, 0.0); (371250.1,
3809897.1, 495.0, 1482.1, 0.0);
(371269.9, 3810010.8, 497.5, 1482.1, 0.0); (371270.9,
3809988.3, 496.6, 1482.1, 0.0);
(371272.0, 3809965.8, 496.2, 1482.1, 0.0); (371273.0,
3809943.3, 496.1, 1482.1, 0.0);
(371274.0, 3809920.8, 495.9, 1482.1, 0.0); (371275.0,
3809898.3, 495.6, 1482.1, 0.0);
(371282.9, 3810075.7, 503.5, 1482.1, 0.0); (371263.1,
3810113.3, 511.9, 1482.1, 0.0);
(371211.5, 3810140.9, 537.6, 1482.1, 0.0); (371293.8,
3810034.4, 499.7, 1482.1, 0.0);
(371294.9, 3810011.9, 498.0, 1482.1, 0.0); (371295.9,
3809989.4, 497.1, 1482.1, 0.0);
(371296.9, 3809966.9, 496.8, 1482.1, 0.0); (371298.0,
3809944.4, 496.9, 1482.1, 0.0);
(371299.0, 3809921.9, 496.6, 1482.1, 0.0); (371300.0,
3809899.4, 496.7, 1482.1, 0.0);
(371382.8, 3810080.3, 514.6, 1482.1, 0.0); (371363.0,
3810117.9, 527.7, 1482.1, 0.0);
(371323.3, 3810193.2, 544.8, 1482.1, 0.0); (371393.7,
3810039.0, 503.2, 1482.1, 0.0);
(371394.8, 3810016.5, 500.4, 1482.1, 0.0); (371395.8,
3809994.0, 500.1, 1482.1, 0.0);

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     ( 371396.8, 3809971.5,     500.1,    1482.1,       0.0);         ( 371397.8,
3809949.0,     500.9,    1482.1,       0.0);
     ( 371398.9, 3809926.5,     501.8,    1482.1,       0.0);         ( 371399.9,
3809904.0,     502.3,    1482.1,       0.0);
     ( 371482.7, 3810084.8,     510.5,    1482.1,       0.0);         ( 371462.9,
3810122.5,     517.3,    1482.1,       0.0);
     ( 371423.2, 3810197.7,     531.0,    1482.1,       0.0);         ( 371383.5,
3810273.0,     527.5,    1482.1,       0.0);
     ( 371144.6, 3810339.9,     484.1,    1482.1,       0.0);         ( 371493.6,
3810043.5,     503.8,    1482.1,       0.0);
     ( 371494.7, 3810021.0,     503.1,    1482.1,       0.0);         ( 371495.7,
3809998.5,     502.9,    1482.1,       0.0);
     ( 371496.7, 3809976.0,     503.7,    1482.1,       0.0);         ( 371497.7,
3809953.5,     505.6,    1482.1,       0.0);
     ( 371498.8, 3809931.0,     508.7,    1482.1,       0.0);         ( 371499.8,
3809908.5,     514.3,    1482.1,       0.0);
     ( 371582.6, 3810089.4,     506.5,    1482.1,       0.0);         ( 371562.8,
3810127.0,     515.4,    1482.1,       0.0);
     ( 371443.8, 3810352.8,     498.2,    1482.1,       0.0);         ( 371225.7,
3810415.4,     484.9,    1482.1,       0.0);
     ( 371593.5, 3810048.1,     512.4,    1482.1,       0.0);         ( 371594.6,
3810025.6,     518.2,    1482.1,       0.0);
     ( 371595.6, 3810003.1,     515.7,    1482.1,       0.0);         ( 371596.6,
3809980.6,     516.0,    1482.1,       0.0);
     ( 371597.6, 3809958.1,     517.3,    1482.1,       0.0);         ( 371598.7,
3809935.6,     519.0,    1482.1,       0.0);
     ( 371599.7, 3809913.1,     514.9,    1482.1,       0.0);         ( 371682.0,
3810094.9,     511.4,    1482.1,       0.0);
     ( 371661.1, 3810134.6,     516.9,    1482.1,       0.0);         ( 371514.9,
3810411.9,     491.4,    1482.1,       0.0);
     ( 371504.5, 3810431.7,     487.1,    1482.1,       0.0);         ( 371472.1,
3810456.1,     486.5,    1482.1,       0.0);
     ( 371362.6, 3810479.1,     485.9,    1482.1,       0.0);         ( 371296.8,
3810492.9,     485.6,    1482.1,       0.0);
     ( 371253.0, 3810502.1,     485.4,    1482.1,       0.0);         ( 371209.2,
3810511.3,     485.8,    1482.1,       0.0);
     ( 371165.4, 3810520.5,     486.8,    1482.1,       0.0);         ( 371121.6,
3810529.7,     487.1,    1482.1,       0.0);
     ( 371693.4, 3810052.6,     514.3,    1482.1,       0.0);         ( 371694.5,
3810030.1,     518.8,    1482.1,       0.0);
     ( 371695.5, 3810007.6,     522.5,    1482.1,       0.0);         ( 371696.5,
3809985.1,     528.7,    1482.1,       0.0);
     ( 371697.5, 3809962.6,     537.8,    1482.1,       0.0);         ( 371698.6,
3809940.1,     545.0,    1482.1,       0.0);
     ( 371699.6, 3809917.6,     543.8,    1482.1,       0.0);         ( 371782.0,
3810099.3,     526.0,    1482.1,       0.0);
     ( 371761.2, 3810138.6,     519.7,    1482.1,       0.0);         ( 371668.1,
3810315.3,     501.1,    1482.1,       0.0);
     ( 371564.6, 3810511.7,     487.2,    1482.1,       0.0);         ( 371532.6,
3810535.9,     487.0,    1482.1,       0.0);
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(371445.7, 3810554.1, 486.0, 1482.1, 0.0); (371402.2, 3810563.2, 487.1, 1482.1, 0.0);
(371358.8, 3810572.3, 489.3, 1482.1, 0.0); (371315.4, 3810581.5, 491.8, 1482.1, 0.0);
(371271.9, 3810590.6, 493.9, 1482.1, 0.0); (371228.5, 3810599.7, 489.4, 1482.1, 0.0);
(371185.0, 3810608.8, 496.4, 1482.1, 0.0); (371141.6, 3810618.0, 499.9, 1482.1, 0.0);
(371098.1, 3810627.1, 500.1, 1482.1, 0.0); (371793.3, 3810057.2, 518.0, 1482.1, 0.0);
(371794.3, 3810034.7, 518.6, 1482.1, 0.0); (371795.4, 3810012.2, 523.3, 1482.1, 0.0);
(371796.4, 3809989.7, 530.4, 1482.1, 0.0); (371797.4, 3809967.2, 537.3, 1482.1, 0.0);
(371798.5, 3809944.7, 539.5, 1482.1, 0.0); (371799.5, 3809922.2, 539.4, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371214.8, 3809870.6, 496.2, 1482.1, 0.0); (371243.1, 3809869.3, 495.2, 1482.1, 0.0);
(371229.5, 3809846.3, 498.4, 1482.1, 0.0); (371267.2, 3809867.0, 496.0, 1482.1, 0.0);
(371257.8, 3809845.1, 497.0, 1482.1, 0.0); (371288.9, 3809854.9, 500.1, 1482.1, 0.0);
(371294.5, 3809877.2, 496.8, 1482.1, 0.0); (371279.3, 3809832.3, 503.0, 1482.1, 0.0);
(371375.2, 3809805.1, 512.2, 1482.1, 0.0); (371381.4, 3809829.8, 507.6, 1482.1, 0.0);
(371387.5, 3809854.5, 503.9, 1482.1, 0.0); (371393.7, 3809879.2, 502.1, 1482.1, 0.0);
(371365.3, 3809781.3, 518.6, 1482.1, 0.0); (371461.3, 3809754.6, 530.6, 1482.1, 0.0);
(371467.7, 3809780.2, 535.2, 1482.1, 0.0); (371474.1, 3809805.9, 528.6, 1482.1, 0.0);
(371480.6, 3809831.5, 529.2, 1482.1, 0.0); (371487.0, 3809857.2, 528.0, 1482.1, 0.0);
(371493.4, 3809882.9, 521.5, 1482.1, 0.0); (371451.3, 3809730.2, 523.1, 1482.1, 0.0);
(371547.2, 3809703.1, 535.1, 1482.1, 0.0); (371553.4, 3809727.8, 529.3, 1482.1, 0.0);

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     ( 371559.5, 3809752.5,     522.3,    1482.1,       0.0);         ( 371565.7,
3809777.2,     517.8,    1482.1,       0.0);
     ( 371571.9, 3809801.9,     517.5,    1482.1,       0.0);         ( 371578.1,
3809826.6,     518.7,    1482.1,       0.0);
     ( 371584.2, 3809851.3,     521.4,    1482.1,       0.0);         ( 371590.4,
3809876.0,     521.5,    1482.1,       0.0);
     ( 371537.3, 3809679.2,     540.5,    1482.1,       0.0);         ( 371633.3,
3809652.3,     553.0,    1482.1,       0.0);
     ( 371639.6, 3809677.6,     549.1,    1482.1,       0.0);         ( 371645.9,
3809702.9,     545.2,    1482.1,       0.0);
     ( 371652.2, 3809728.1,     536.6,    1482.1,       0.0);         ( 371658.5,
3809753.4,     530.0,    1482.1,       0.0);
     ( 371664.8, 3809778.7,     528.5,    1482.1,       0.0);         ( 371671.2,
3809803.9,     535.9,    1482.1,       0.0);
     ( 371677.5, 3809829.2,     539.4,    1482.1,       0.0);         ( 371683.8,
3809854.5,     534.9,    1482.1,       0.0);
     ( 371690.1, 3809879.7,     531.8,    1482.1,       0.0);         ( 371623.3,
3809628.2,     557.0,    1482.1,       0.0);
     ( 371719.3, 3809601.5,     560.7,    1482.1,       0.0);         ( 371725.7,
3809627.1,     549.3,    1482.1,       0.0);
     ( 371732.1, 3809652.8,     559.0,    1482.1,       0.0);         ( 371738.5,
3809678.4,     550.4,    1482.1,       0.0);
     ( 371745.0, 3809704.1,     547.5,    1482.1,       0.0);         ( 371751.4,
3809729.8,     548.4,    1482.1,       0.0);
     ( 371757.8, 3809755.4,     553.2,    1482.1,       0.0);         ( 371764.2,
3809781.1,     561.6,    1482.1,       0.0);
     ( 371770.6, 3809806.7,     572.3,    1482.1,       0.0);         ( 371777.0,
3809832.4,     566.2,    1482.1,       0.0);
     ( 371783.5, 3809858.1,     555.9,    1482.1,       0.0);         ( 371789.9,
3809883.7,     547.1,    1482.1,       0.0);
     ( 371709.3, 3809577.1,     573.2,    1482.1,       0.0);         ( 371346.4,
3809991.9,     498.2,    1482.1,       0.0);
     ( 371426.4, 3810051.9,     501.5,    1482.1,       0.0);         ( 371506.4,
3810111.9,     514.4,    1482.1,       0.0);
     ( 371586.4, 3810171.9,     529.1,    1482.1,       0.0);         ( 371666.3,
3810231.9,     535.1,    1482.1,       0.0);
     ( 371225.4, 3809816.2,     507.2,    1482.1,       0.0);         ( 371228.2,
3809792.8,     506.3,    1482.1,       0.0);
     ( 371230.9, 3809769.3,     506.8,    1482.1,       0.0);         ( 371233.7,
3809745.8,     508.8,    1482.1,       0.0);
     ( 371236.5, 3809722.3,     508.4,    1482.1,       0.0);         ( 371250.2,
3809819.2,     502.1,    1482.1,       0.0);
     ( 371253.0, 3809795.7,     504.4,    1482.1,       0.0);         ( 371255.8,
3809772.2,     509.7,    1482.1,       0.0);
     ( 371258.5, 3809748.7,     516.9,    1482.1,       0.0);         ( 371261.3,
3809725.2,     523.9,    1482.1,       0.0);
     ( 371277.8, 3809798.6,     505.8,    1482.1,       0.0);         ( 371280.6,
3809775.1,     508.4,    1482.1,       0.0);
     ( 371283.3, 3809751.6,     515.4,    1482.1,       0.0);         ( 371286.1,
3809728.1,     523.1,    1482.1,       0.0);
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     ( 371302.7, 3809801.5,     513.7,    1482.1,       0.0);         ( 371305.4,
3809778.0,     515.9,    1482.1,       0.0);
     ( 371308.2, 3809754.5,     518.1,    1482.1,       0.0);         ( 371310.9,
3809731.0,     528.1,    1482.1,       0.0);
     ( 371370.5, 3809941.7,     498.9,    1482.1,       0.0);         ( 371402.0,
3809813.1,     506.8,    1482.1,       0.0);
     ( 371404.7, 3809789.6,     510.5,    1482.1,       0.0);         ( 371407.5,
3809766.2,     511.8,    1482.1,       0.0);
     ( 371410.3, 3809742.7,     514.4,    1482.1,       0.0);         ( 371476.5,
3809936.7,     504.8,    1482.1,       0.0);
     ( 371459.9, 3809978.2,     502.2,    1482.1,       0.0);         ( 371443.3,
3810019.7,     501.6,    1482.1,       0.0);
     ( 371504.1, 3809801.3,     526.4,    1482.1,       0.0);         ( 371506.8,
3809777.8,     530.3,    1482.1,       0.0);
     ( 371509.6, 3809754.3,     540.0,    1482.1,       0.0);         ( 371575.2,
3809949.9,     515.7,    1482.1,       0.0);
     ( 371566.6, 3809971.4,     513.4,    1482.1,       0.0);         ( 371558.0,
3809992.9,     508.1,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                   PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371549.4, 3810014.4,     506.2,    1482.1,       0.0);         ( 371532.2,
3810057.4,     504.6,    1482.1,       0.0);
     ( 371523.6, 3810078.9,     509.2,    1482.1,       0.0);         ( 371603.4,
3809813.0,     522.7,    1482.1,       0.0);
     ( 371606.1, 3809789.5,     522.8,    1482.1,       0.0);         ( 371608.9,
3809766.0,     530.4,    1482.1,       0.0);
     ( 371667.5, 3809979.0,     537.0,    1482.1,       0.0);         ( 371651.4,
3810019.4,     527.2,    1482.1,       0.0);
     ( 371627.2, 3810079.8,     509.0,    1482.1,       0.0);         ( 371611.1,
3810120.1,     511.9,    1482.1,       0.0);
     ( 371702.7, 3809824.6,     547.7,    1482.1,       0.0);         ( 371705.5,
3809801.1,     552.6,    1482.1,       0.0);
     ( 371708.2, 3809777.6,     551.0,    1482.1,       0.0);         ( 371774.4,
3809971.7,     540.3,    1482.1,       0.0);
     ( 371757.8, 3810013.2,     530.0,    1482.1,       0.0);         ( 371716.4,
3810116.8,     513.4,    1482.1,       0.0);
     ( 371699.8, 3810158.3,     528.0,    1482.1,       0.0);         ( 371683.3,
3810199.7,     540.4,    1482.1,       0.0);
     ( 371802.0, 3809836.3,     561.7,    1482.1,       0.0);         ( 371804.8,
3809812.8,     572.9,    1482.1,       0.0);
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    ( 371807.5, 3809789.3,     574.3,    1482.1,       0.0);         ( 371241.6,
3809695.5,     509.7,    1482.1,       0.0);
    ( 371239.0, 3809652.8,     500.2,    1482.1,       0.0);         ( 371236.3,
3809610.2,     497.7,    1482.1,       0.0);
    ( 371233.7, 3809567.5,     497.5,    1482.1,       0.0);         ( 371266.6,
3809694.0,     514.3,    1482.1,       0.0);
    ( 371263.9, 3809651.3,     501.7,    1482.1,       0.0);         ( 371261.3,
3809608.6,     499.9,    1482.1,       0.0);
    ( 371258.6, 3809566.0,     502.6,    1482.1,       0.0);         ( 371291.5,
3809692.4,     512.4,    1482.1,       0.0);
    ( 371288.9, 3809649.8,     509.1,    1482.1,       0.0);         ( 371286.2,
3809607.1,     504.0,    1482.1,       0.0);
    ( 371283.6, 3809564.4,     506.0,    1482.1,       0.0);         ( 371315.3,
3809705.0,     521.9,    1482.1,       0.0);
    ( 371315.1, 3809669.5,     519.5,    1482.1,       0.0);         ( 371312.5,
3809626.9,     513.1,    1482.1,       0.0);
    ( 371309.9, 3809584.2,     508.1,    1482.1,       0.0);         ( 371414.8,
3809703.5,     529.2,    1482.1,       0.0);
    ( 371415.0, 3809663.4,     542.9,    1482.1,       0.0);         ( 371412.3,
3809620.7,     536.5,    1482.1,       0.0);
    ( 371409.7, 3809578.0,     535.1,    1482.1,       0.0);         ( 371514.4,
3809699.7,     548.8,    1482.1,       0.0);
    ( 371514.8, 3809657.2,     557.4,    1482.1,       0.0);         ( 371512.1,
3809614.5,     556.6,    1482.1,       0.0);
    ( 371509.5, 3809571.9,     557.7,    1482.1,       0.0);         ( 371614.4,
3809691.2,     536.0,    1482.1,       0.0);
    ( 371611.4, 3809728.8,     538.6,    1482.1,       0.0);         ( 371611.9,
3809608.3,     562.9,    1482.1,       0.0);
    ( 371609.3, 3809565.7,     577.1,    1482.1,       0.0);         ( 371714.1,
3809686.3,     542.4,    1482.1,       0.0);
    ( 371710.8, 3809726.7,     544.1,    1482.1,       0.0);         ( 371707.8,
3809538.2,     575.1,    1482.1,       0.0);
    ( 371813.8, 3809681.2,     575.1,    1482.1,       0.0);         ( 371810.4,
3809723.5,     566.7,    1482.1,       0.0);
    ( 371807.0, 3809765.8,     570.4,    1482.1,       0.0);         ( 371814.2,
3809638.7,     580.2,    1482.1,       0.0);
    ( 371811.5, 3809596.0,     576.6,    1482.1,       0.0);         ( 371808.9,
3809553.3,     591.6,    1482.1,       0.0);
    ( 371220.4, 3809539.0,     498.5,    1482.1,       0.0);         ( 371200.3,
3809503.5,     499.4,    1482.1,       0.0);
    ( 371252.2, 3809544.4,     501.9,    1482.1,       0.0);         ( 371232.1,
3809508.9,     502.3,    1482.1,       0.0);
    ( 371274.0, 3809532.0,     508.9,    1482.1,       0.0);         ( 371253.8,
3809496.6,     506.8,    1482.1,       0.0);
    ( 371300.0, 3809534.1,     517.5,    1482.1,       0.0);         ( 371285.6,
3809502.0,     511.5,    1482.1,       0.0);
    ( 371265.5, 3809466.5,     516.3,    1482.1,       0.0);         ( 371387.8,
3809487.6,     540.3,    1482.1,       0.0);
    ( 371398.1, 3809522.2,     538.1,    1482.1,       0.0);         ( 371372.6,
3809452.6,     533.6,    1482.1,       0.0);
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(371352.5, 3809417.1, 531.9, 1482.1, 0.0); (371475.2, 3809439.5, 531.5, 1482.1, 0.0);
(371486.2, 3809476.5, 528.0, 1482.1, 0.0); (371497.2, 3809513.5, 539.0, 1482.1, 0.0);
(371459.6, 3809403.2, 530.7, 1482.1, 0.0); (371439.5, 3809367.8, 518.9, 1482.1, 0.0);
(371562.3, 3809390.8, 547.2, 1482.1, 0.0); (371573.8, 3809429.2, 551.4, 1482.1, 0.0);
(371585.2, 3809467.6, 554.3, 1482.1, 0.0); (371596.6, 3809506.0, 558.4, 1482.1, 0.0);
(371546.6, 3809353.9, 548.6, 1482.1, 0.0); (371526.4, 3809318.4, 539.3, 1482.1, 0.0);
(371649.0, 3809340.3, 529.3, 1482.1, 0.0); (371659.6, 3809376.3, 541.6, 1482.1, 0.0);
(371670.3, 3809412.2, 543.8, 1482.1, 0.0); (371681.0, 3809448.2, 545.0, 1482.1, 0.0);
(371691.7, 3809484.2, 558.1, 1482.1, 0.0); (371633.5, 3809304.5, 522.8, 1482.1, 0.0);
(371613.4, 3809269.1, 520.8, 1482.1, 0.0); (371736.1, 3809291.4, 540.3, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371747.1, 3809328.4, 547.7, 1482.1, 0.0); (371758.1, 3809365.5, 553.9, 1482.1, 0.0);
(371769.1, 3809402.5, 567.2, 1482.1, 0.0); (371780.1, 3809439.5, 575.3, 1482.1, 0.0);
(371791.1, 3809476.5, 584.5, 1482.1, 0.0); (371802.1, 3809513.5, 591.9, 1482.1, 0.0);
(371720.5, 3809255.2, 535.5, 1482.1, 0.0); (371700.4, 3809219.7, 526.6, 1482.1, 0.0);
(371213.9, 3809479.6, 505.5, 1482.1, 0.0); (371372.0, 3809566.6, 526.2, 1482.1, 0.0);
(371468.7, 3809592.0, 552.1, 1482.1, 0.0); (371479.9, 3809549.5, 556.0, 1482.1, 0.0);
(371565.4, 3809617.5, 546.6, 1482.1, 0.0); (371576.6, 3809574.9, 566.8, 1482.1, 0.0);
(371662.1, 3809642.9, 555.2, 1482.1, 0.0); (371673.3, 3809600.3, 567.8, 1482.1, 0.0);
(371758.8, 3809668.3, 561.0, 1482.1, 0.0); (371770.0, 3809625.7, 560.4, 1482.1, 0.0);

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     ( 371231.9, 3809459.4,     514.6,    1482.1,       0.0);         ( 371348.3,
3809595.1,     513.2,    1482.1,       0.0);
     ( 371438.8, 3809641.5,     535.2,    1482.1,       0.0);         ( 371240.1,
3809428.5,     527.1,    1482.1,       0.0);
     ( 371246.8, 3809388.7,     534.9,    1482.1,       0.0);         ( 371264.7,
3809432.7,     527.6,    1482.1,       0.0);
     ( 371271.5, 3809392.9,     542.3,    1482.1,       0.0);         ( 371286.0,
3809456.7,     522.3,    1482.1,       0.0);
     ( 371292.8, 3809417.0,     536.0,    1482.1,       0.0);         ( 371299.5,
3809377.2,     550.0,    1482.1,       0.0);
     ( 371304.2, 3809475.6,     518.4,    1482.1,       0.0);         ( 371314.0,
3809441.0,     531.6,    1482.1,       0.0);
     ( 371320.8, 3809401.3,     543.3,    1482.1,       0.0);         ( 371409.2,
3809477.7,     538.8,    1482.1,       0.0);
     ( 371416.0, 3809437.9,     524.8,    1482.1,       0.0);         ( 371422.8,
3809398.2,     519.6,    1482.1,       0.0);
     ( 371511.2, 3809474.6,     532.7,    1482.1,       0.0);         ( 371518.0,
3809434.8,     545.2,    1482.1,       0.0);
     ( 371598.7, 3809528.8,     561.1,    1482.1,       0.0);         ( 371544.7,
3809652.5,     542.9,    1482.1,       0.0);
     ( 371613.2, 3809471.4,     542.6,    1482.1,       0.0);         ( 371619.9,
3809431.7,     539.2,    1482.1,       0.0);
     ( 371688.9, 3809564.7,     580.2,    1482.1,       0.0);         ( 371708.4,
3809508.1,     566.1,    1482.1,       0.0);
     ( 371715.1, 3809468.3,     558.6,    1482.1,       0.0);         ( 371788.2,
3809580.0,     576.6,    1482.1,       0.0);
     ( 371813.7, 3809485.1,     586.8,    1482.1,       0.0);         ( 371225.1,
3809339.7,     529.6,    1482.1,       0.0);
     ( 371181.2, 3809340.4,     509.9,    1482.1,       0.0);         ( 371137.3,
3809341.2,     499.5,    1482.1,       0.0);
     ( 371244.1, 3809323.4,     534.5,    1482.1,       0.0);         ( 371269.2,
3809352.6,     544.3,    1482.1,       0.0);
     ( 371202.7, 3809315.1,     521.4,    1482.1,       0.0);         ( 371158.8,
3809315.8,     506.4,    1482.1,       0.0);
     ( 371243.6, 3809298.4,     529.3,    1482.1,       0.0);         ( 371288.1,
3809336.3,     539.7,    1482.1,       0.0);
     ( 371202.3, 3809290.1,     525.6,    1482.1,       0.0);         ( 371158.4,
3809290.8,     515.9,    1482.1,       0.0);
     ( 371243.2, 3809273.4,     521.4,    1482.1,       0.0);         ( 371282.0,
3809290.8,     524.2,    1482.1,       0.0);
     ( 371307.1, 3809320.0,     538.8,    1482.1,       0.0);         ( 371318.5,
3809360.9,     545.5,    1482.1,       0.0);
     ( 371201.8, 3809265.1,     526.8,    1482.1,       0.0);         ( 371157.9,
3809265.9,     524.4,    1482.1,       0.0);
     ( 371241.4, 3809173.4,     513.8,    1482.1,       0.0);         ( 371280.2,
3809190.8,     514.8,    1482.1,       0.0);
     ( 371319.0, 3809208.2,     514.9,    1482.1,       0.0);         ( 371357.8,
3809225.6,     514.7,    1482.1,       0.0);
     ( 371382.9, 3809254.8,     515.2,    1482.1,       0.0);         ( 371394.3,
3809295.8,     515.3,    1482.1,       0.0);
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(371405.7, 3809336.7, 516.4, 1482.1, 0.0); (371200.1, 3809165.1, 513.4, 1482.1, 0.0);
(371156.2, 3809165.9, 512.9, 1482.1, 0.0); (371239.6, 3809073.4, 515.3, 1482.1, 0.0);
(371278.5, 3809090.8, 516.5, 1482.1, 0.0); (371317.3, 3809108.2, 516.3, 1482.1, 0.0);
(371356.1, 3809125.6, 516.2, 1482.1, 0.0); (371394.9, 3809143.0, 516.3, 1482.1, 0.0);
(371433.7, 3809160.4, 518.2, 1482.1, 0.0); (371458.8, 3809189.6, 517.6, 1482.1, 0.0);
(371470.1, 3809230.5, 516.5, 1482.1, 0.0); (371481.5, 3809271.5, 516.8, 1482.1, 0.0);
(371492.9, 3809312.5, 530.0, 1482.1, 0.0); (371504.3, 3809353.5, 542.0, 1482.1, 0.0);
(371515.6, 3809394.4, 549.2, 1482.1, 0.0); (371198.3, 3809065.1, 516.0, 1482.1, 0.0);
(371154.4, 3809065.9, 516.0, 1482.1, 0.0); (371237.9, 3808973.4, 518.0, 1482.1, 0.0);
(371276.7, 3808990.8, 526.4, 1482.1, 0.0); (371315.5, 3809008.2, 521.5, 1482.1, 0.0);
(371354.3, 3809025.6, 522.7, 1482.1, 0.0); (371393.1, 3809043.0, 531.1, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371431.9, 3809060.4, 521.9, 1482.1, 0.0); (371470.7, 3809077.8, 518.6, 1482.1, 0.0);
(371509.5, 3809095.2, 519.0, 1482.1, 0.0); (371534.6, 3809124.4, 520.0, 1482.1, 0.0);
(371546.0, 3809165.4, 518.8, 1482.1, 0.0); (371557.3, 3809206.3, 518.4, 1482.1, 0.0);
(371568.7, 3809247.3, 518.6, 1482.1, 0.0); (371580.1, 3809288.3, 519.8, 1482.1, 0.0);
(371591.5, 3809329.2, 526.8, 1482.1, 0.0); (371602.9, 3809370.2, 529.9, 1482.1, 0.0);
(371196.5, 3808965.1, 518.2, 1482.1, 0.0); (371152.6, 3808965.9, 517.1, 1482.1, 0.0);
(371236.1, 3808873.4, 520.9, 1482.1, 0.0); (371274.9, 3808890.8, 521.5, 1482.1, 0.0);
(371313.7, 3808908.2, 520.5, 1482.1, 0.0); (371352.5, 3808925.6, 521.2, 1482.1, 0.0);

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     ( 371391.3, 3808943.0,     532.9,    1482.1,       0.0);         ( 371430.1,
3808960.4,     532.7,    1482.1,       0.0);
     ( 371468.9, 3808977.8,     522.9,    1482.1,       0.0);         ( 371507.7,
3808995.2,     527.3,    1482.1,       0.0);
     ( 371546.5, 3809012.6,     529.6,    1482.1,       0.0);         ( 371585.3,
3809030.0,     523.9,    1482.1,       0.0);
     ( 371610.4, 3809059.2,     521.1,    1482.1,       0.0);         ( 371621.8,
3809100.2,     520.6,    1482.1,       0.0);
     ( 371633.2, 3809141.1,     520.4,    1482.1,       0.0);         ( 371644.5,
3809182.1,     520.9,    1482.1,       0.0);
     ( 371655.9, 3809223.1,     533.9,    1482.1,       0.0);         ( 371667.3,
3809264.1,     537.7,    1482.1,       0.0);
     ( 371678.7, 3809305.0,     536.4,    1482.1,       0.0);         ( 371690.1,
3809346.0,     537.8,    1482.1,       0.0);
     ( 371701.4, 3809387.0,     550.2,    1482.1,       0.0);         ( 371712.8,
3809427.9,     553.2,    1482.1,       0.0);
     ( 371194.7, 3808865.1,     520.8,    1482.1,       0.0);         ( 371150.8,
3808865.9,     519.8,    1482.1,       0.0);
     ( 371234.3, 3808773.5,     523.7,    1482.1,       0.0);         ( 371273.1,
3808790.9,     523.9,    1482.1,       0.0);
     ( 371311.9, 3808808.2,     523.8,    1482.1,       0.0);         ( 371350.7,
3808825.6,     522.3,    1482.1,       0.0);
     ( 371389.5, 3808843.0,     527.9,    1482.1,       0.0);         ( 371428.3,
3808860.4,     534.5,    1482.1,       0.0);
     ( 371467.1, 3808877.8,     545.7,    1482.1,       0.0);         ( 371505.9,
3808895.2,     538.4,    1482.1,       0.0);
     ( 371544.7, 3808912.6,     549.0,    1482.1,       0.0);         ( 371583.5,
3808930.0,     536.3,    1482.1,       0.0);
     ( 371622.3, 3808947.4,     531.4,    1482.1,       0.0);         ( 371661.1,
3808964.8,     524.5,    1482.1,       0.0);
     ( 371686.2, 3808994.0,     522.3,    1482.1,       0.0);         ( 371697.6,
3809035.0,     522.5,    1482.1,       0.0);
     ( 371709.0, 3809075.9,     522.9,    1482.1,       0.0);         ( 371720.4,
3809116.9,     522.8,    1482.1,       0.0);
     ( 371731.8, 3809157.9,     522.9,    1482.1,       0.0);         ( 371743.1,
3809198.9,     524.4,    1482.1,       0.0);
     ( 371754.5, 3809239.8,     530.7,    1482.1,       0.0);         ( 371765.9,
3809280.8,     537.1,    1482.1,       0.0);
     ( 371777.3, 3809321.8,     544.2,    1482.1,       0.0);         ( 371788.6,
3809362.8,     552.8,    1482.1,       0.0);
     ( 371800.0, 3809403.7,     563.3,    1482.1,       0.0);         ( 371811.4,
3809444.7,     576.5,    1482.1,       0.0);
     ( 371193.0, 3808765.1,     524.0,    1482.1,       0.0);         ( 371149.1,
3808765.9,     522.5,    1482.1,       0.0);
     ( 371114.7, 3809341.8,     497.8,    1482.1,       0.0);         ( 371070.0,
3809343.1,     499.9,    1482.1,       0.0);
     ( 371025.4, 3809344.3,     503.5,    1482.1,       0.0);         ( 371114.1,
3809316.9,     501.3,    1482.1,       0.0);
     ( 371069.4, 3809318.1,     505.0,    1482.1,       0.0);         ( 371024.7,
3809319.3,     513.0,    1482.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371121.5, 3808766.4, 522.4, 1482.1, 0.0); (371076.8,
3808767.7, 521.2, 1482.1, 0.0);
(371032.1, 3808768.9, 520.2, 1482.1, 0.0); (370987.4,
3808770.1, 517.9, 1482.1, 0.0);
(371028.7, 3809369.1, 499.3, 1482.1, 0.0); (371053.7,
3809368.3, 498.6, 1482.1, 0.0);
(371078.7, 3809367.5, 497.8, 1482.1, 0.0); (371103.6,
3809366.7, 497.5, 1482.1, 0.0);
(371203.6, 3809363.6, 516.7, 1482.1, 0.0); (371602.0,
3809305.6, 522.1, 1482.1, 0.0);
(370967.5, 3809295.5, 511.8, 1482.1, 0.0); (371023.3,
3809282.6, 522.0, 1482.1, 0.0);
(370970.2, 3809270.7, 515.5, 1482.1, 0.0); (371026.0,
3809257.8, 517.3, 1482.1, 0.0);

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     ( 370991.6, 3809247.9,     514.4,    1482.1,       0.0);         ( 370954.1,
3809243.8,     513.4,    1482.1,       0.0);
     ( 371028.7, 3809232.9,     515.3,    1482.1,       0.0);         ( 371060.0,
3809248.7,     520.6,    1482.1,       0.0);
     ( 370994.3, 3809223.0,     512.9,    1482.1,       0.0);         ( 370956.8,
3809218.9,     511.6,    1482.1,       0.0);
     ( 371039.5, 3809133.5,     510.0,    1482.1,       0.0);         ( 371070.8,
3809149.2,     511.9,    1482.1,       0.0);
     ( 371155.6, 3809204.8,     513.0,    1482.1,       0.0);         ( 371168.9,
3809237.2,     518.9,    1482.1,       0.0);
     ( 371005.1, 3809123.6,     511.1,    1482.1,       0.0);         ( 370967.6,
3809119.5,     510.6,    1482.1,       0.0);
     ( 371050.3, 3809034.1,     513.3,    1482.1,       0.0);         ( 371159.8,
3809089.2,     515.6,    1482.1,       0.0);
     ( 371191.1, 3809104.9,     515.1,    1482.1,       0.0);         ( 371229.0,
3809136.8,     513.5,    1482.1,       0.0);
     ( 371255.6, 3809201.6,     513.9,    1482.1,       0.0);         ( 371268.9,
3809234.0,     514.0,    1482.1,       0.0);
     ( 371282.2, 3809266.4,     519.6,    1482.1,       0.0);         ( 371015.9,
3809024.2,     514.0,    1482.1,       0.0);
     ( 370978.4, 3809020.1,     513.0,    1482.1,       0.0);         ( 371062.1,
3808935.2,     517.7,    1482.1,       0.0);
     ( 371179.0, 3808993.9,     517.0,    1482.1,       0.0);         ( 371212.3,
3809010.7,     517.3,    1482.1,       0.0);
     ( 371245.7, 3809027.5,     516.8,    1482.1,       0.0);         ( 371279.1,
3809044.3,     516.9,    1482.1,       0.0);
     ( 371302.8, 3809070.0,     516.0,    1482.1,       0.0);         ( 371331.2,
3809139.1,     514.8,    1482.1,       0.0);
     ( 371345.4, 3809173.6,     514.9,    1482.1,       0.0);         ( 371026.7,
3808924.8,     518.7,    1482.1,       0.0);
     ( 370989.2, 3808920.7,     516.6,    1482.1,       0.0);         ( 371072.7,
3808835.7,     519.9,    1482.1,       0.0);
     ( 371105.6, 3808852.2,     519.3,    1482.1,       0.0);         ( 371171.5,
3808885.4,     519.7,    1482.1,       0.0);
     ( 371204.5, 3808901.9,     519.8,    1482.1,       0.0);         ( 371237.4,
3808918.5,     520.1,    1482.1,       0.0);
     ( 371270.3, 3808935.0,     520.0,    1482.1,       0.0);         ( 371303.2,
3808951.6,     520.9,    1482.1,       0.0);
     ( 371336.2, 3808968.2,     526.3,    1482.1,       0.0);         ( 371376.1,
3809001.8,     533.1,    1482.1,       0.0);
     ( 371404.1, 3809070.0,     528.1,    1482.1,       0.0);         ( 371418.1,
3809104.1,     517.9,    1482.1,       0.0);
     ( 371037.5, 3808825.4,     518.7,    1482.1,       0.0);         ( 371000.0,
3808821.3,     518.4,    1482.1,       0.0);
     ( 371083.4, 3808736.2,     523.6,    1482.1,       0.0);         ( 371181.3,
3808785.4,     523.5,    1482.1,       0.0);
     ( 371214.0, 3808801.9,     522.6,    1482.1,       0.0);         ( 371246.6,
3808818.3,     522.9,    1482.1,       0.0);
     ( 371279.2, 3808834.7,     523.2,    1482.1,       0.0);         ( 371311.9,
3808851.1,     523.1,    1482.1,       0.0);
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(371344.5, 3808867.5, 527.8, 1482.1, 0.0); (371377.2, 3808884.0, 534.8, 1482.1, 0.0);
(371409.8, 3808900.4, 539.8, 1482.1, 0.0); (371449.4, 3808933.7, 529.8, 1482.1, 0.0);
(371477.2, 3809001.3, 520.5, 1482.1, 0.0); (371491.0, 3809035.1, 521.7, 1482.1, 0.0);
(371504.9, 3809068.9, 519.7, 1482.1, 0.0); (371048.3, 3808725.9, 523.7, 1482.1, 0.0);
(371010.8, 3808721.9, 527.3, 1482.1, 0.0); (371130.6, 3809235.7, 522.6, 1482.1, 0.0);
(371235.1, 3809238.1, 514.6, 1482.1, 0.0); (371227.0, 3809208.9, 513.8, 1482.1, 0.0);
(371323.3, 3809182.2, 514.9, 1482.1, 0.0); (371427.8, 3809184.6, 517.2, 1482.1, 0.0);
(371524.1, 3809157.8, 519.0, 1482.1, 0.0); (370932.6, 3809258.3, 515.0, 1482.1, 0.0);
(370899.1, 3809241.0, 510.7, 1482.1, 0.0); (370927.3, 3809227.5, 514.4, 1482.1, 0.0);
(370938.8, 3809205.3, 510.4, 1482.1, 0.0); (370983.8, 3809200.3, 511.7, 1482.1, 0.0);
(370950.3, 3809183.0, 508.4, 1482.1, 0.0); (371097.0, 3809194.3, 514.5, 1482.1, 0.0);
(371029.6, 3809111.5, 512.5, 1482.1, 0.0); (370996.1, 3809094.2, 511.6, 1482.1, 0.0);
(371087.1, 3809036.9, 513.7, 1482.1, 0.0); (371133.8, 3809094.3, 515.4, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371157.0, 3809122.9, 514.0, 1482.1, 0.0); (371180.4, 3809151.6, 513.1, 1482.1, 0.0);
(371042.0, 3809005.3, 514.9, 1482.1, 0.0); (371204.5, 3809036.0, 517.1, 1482.1, 0.0);
(371252.0, 3809094.5, 514.9, 1482.1, 0.0); (371275.8, 3809123.7, 515.3, 1482.1, 0.0);
(371299.6, 3809152.9, 514.4, 1482.1, 0.0); (371121.3, 3808933.7, 517.6, 1482.1, 0.0);
(371087.8, 3808916.4, 517.9, 1482.1, 0.0); (371247.5, 3808943.7, 519.3, 1482.1, 0.0);
(371327.9, 3809042.5, 517.9, 1482.1, 0.0); (371350.8, 3809070.7, 518.6, 1482.1, 0.0);

```
    ( 371373.8, 3809099.0,     519.8,    1482.1,       0.0);         ( 371167.2,
3808844.9,     520.7,    1482.1,       0.0);
    ( 371133.7, 3808827.6,     520.6,    1482.1,       0.0);         ( 371317.9,
3808885.0,     521.4,    1482.1,       0.0);
    ( 371387.8, 3808971.0,     532.0,    1482.1,       0.0);         ( 371411.2,
3808999.7,     532.6,    1482.1,       0.0);
    ( 371434.5, 3809028.3,     523.4,    1482.1,       0.0);         ( 371457.8,
3809057.0,     518.9,    1482.1,       0.0);
    ( 371179.5, 3808738.7,     523.8,    1482.1,       0.0);         ( 370867.5,
3809234.6,     506.9,    1482.1,       0.0);
    ( 370843.1, 3809230.5,     505.7,    1482.1,       0.0);         ( 370895.9,
3809213.9,     508.4,    1482.1,       0.0);
    ( 370871.6, 3809209.9,     506.0,    1482.1,       0.0);         ( 370900.0,
3809189.3,     508.3,    1482.1,       0.0);
    ( 370875.7, 3809185.2,     507.2,    1482.1,       0.0);         ( 370918.8,
3809169.5,     507.6,    1482.1,       0.0);
    ( 370879.8, 3809160.6,     508.4,    1482.1,       0.0);         ( 370940.2,
3809072.5,     513.3,    1482.1,       0.0);
    ( 370896.3, 3809061.9,     514.2,    1482.1,       0.0);         ( 370959.1,
3808974.7,     514.1,    1482.1,       0.0);
    ( 370937.0, 3808967.4,     515.1,    1482.1,       0.0);         ( 371012.3,
3808888.3,     518.3,    1482.1,       0.0);
    ( 371051.5, 3808901.3,     517.9,    1482.1,       0.0);         ( 371011.9,
3808784.0,     518.3,    1482.1,       0.0);
    ( 371053.9, 3808798.0,     519.7,    1482.1,       0.0);         ( 371095.9,
3808812.0,     520.6,    1482.1,       0.0);
    ( 370945.6, 3808766.0,     521.0,    1482.1,       0.0);         ( 370921.3,
3808762.0,     524.9,    1482.1,       0.0);
    ( 371008.4, 3808678.8,     533.3,    1482.1,       0.0);         ( 371030.5,
3808686.1,     530.4,    1482.1,       0.0);
    ( 371052.5, 3808693.4,     525.2,    1482.1,       0.0);         ( 371074.6,
3808700.8,     523.7,    1482.1,       0.0);
    ( 371096.6, 3808708.1,     522.5,    1482.1,       0.0);         ( 371118.7,
3808715.4,     522.3,    1482.1,       0.0);
    ( 371140.8, 3808722.8,     523.2,    1482.1,       0.0);         ( 370986.4,
3808671.4,     528.6,    1482.1,       0.0);
    ( 370962.1, 3808667.4,     527.9,    1482.1,       0.0);         ( 370937.8,
3808663.3,     530.1,    1482.1,       0.0);
    ( 371339.0, 3809255.2,     514.6,    1482.1,       0.0);         ( 371439.0,
3809255.2,     515.9,    1482.1,       0.0);
    ( 370908.9, 3809261.4,     513.4,    1482.1,       0.0);         ( 371333.8,
3809341.7,     538.6,    1482.1,       0.0);
    ( 371397.8, 3809452.7,     529.9,    1482.1,       0.0);         ( 370889.7,
3809134.2,     511.2,    1482.1,       0.0);
    ( 370883.2, 3809091.0,     514.2,    1482.1,       0.0);         ( 370876.7,
3809047.8,     513.0,    1482.1,       0.0);
    ( 370914.4, 3809130.5,     511.7,    1482.1,       0.0);         ( 370907.9,
3809087.3,     515.1,    1482.1,       0.0);
    ( 370898.2, 3809022.4,     514.5,    1482.1,       0.0);         ( 370942.4,
3809148.4,     509.4,    1482.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370948.0, 3808908.9, 516.8, 1482.1, 0.0); (370956.5,
3808863.9, 521.9, 1482.1, 0.0);
(370955.5, 3809003.5, 513.3, 1482.1, 0.0); (370968.3,
3808936.0, 514.9, 1482.1, 0.0);
(370976.8, 3808891.0, 517.0, 1482.1, 0.0); (371173.3,
3808928.2, 518.4, 1482.1, 0.0);
(371267.3, 3808969.3, 521.6, 1482.1, 0.0); (371344.3,
3809100.3, 517.7, 1482.1, 0.0);
(371459.6, 3809029.0, 519.3, 1482.1, 0.0); (370904.5,
3808837.5, 524.4, 1482.1, 0.0);

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     ( 370892.3, 3808816.4,     526.1,    1482.1,       0.0);         ( 370880.1,
3808795.3,     527.1,    1482.1,       0.0);
     ( 370926.1, 3808825.0,     524.2,    1482.1,       0.0);         ( 370914.0,
3808803.9,     525.4,    1482.1,       0.0);
     ( 370901.8, 3808782.8,     526.2,    1482.1,       0.0);         ( 370950.7,
3808829.6,     523.0,    1482.1,       0.0);
     ( 370935.6, 3808791.4,     522.5,    1482.1,       0.0);         ( 370973.3,
3808822.8,     520.0,    1482.1,       0.0);
     ( 370977.2, 3808845.7,     520.2,    1482.1,       0.0);         ( 370969.4,
3808800.0,     519.0,    1482.1,       0.0);
     ( 371056.0, 3808750.0,     522.2,    1482.1,       0.0);         ( 371158.2,
3808791.5,     522.7,    1482.1,       0.0);
     ( 371162.0, 3808814.3,     521.8,    1482.1,       0.0);         ( 371142.7,
3808700.0,     523.0,    1482.1,       0.0);
     ( 371130.5, 3808679.0,     522.8,    1482.1,       0.0);         ( 371118.3,
3808657.9,     523.9,    1482.1,       0.0);
     ( 371233.2, 3808672.9,     526.9,    1482.1,       0.0);         ( 371237.0,
3808695.8,     526.1,    1482.1,       0.0);
     ( 371240.9, 3808718.6,     525.4,    1482.1,       0.0);         ( 371244.8,
3808741.5,     524.9,    1482.1,       0.0);
     ( 371264.2, 3808855.8,     521.8,    1482.1,       0.0);         ( 371229.3,
3808650.1,     527.4,    1482.1,       0.0);
     ( 371217.1, 3808629.0,     527.2,    1482.1,       0.0);         ( 371205.0,
3808607.9,     526.6,    1482.1,       0.0);
     ( 371319.8, 3808623.0,     529.5,    1482.1,       0.0);         ( 371323.7,
3808645.8,     529.1,    1482.1,       0.0);
     ( 371327.5, 3808668.7,     528.4,    1482.1,       0.0);         ( 371331.4,
3808691.5,     527.7,    1482.1,       0.0);
     ( 371335.3, 3808714.4,     527.1,    1482.1,       0.0);         ( 371339.2,
3808737.2,     526.5,    1482.1,       0.0);
     ( 371343.0, 3808760.1,     525.3,    1482.1,       0.0);         ( 371346.9,
3808782.9,     524.8,    1482.1,       0.0);
     ( 371315.9, 3808600.1,     529.7,    1482.1,       0.0);         ( 371303.7,
3808579.0,     530.2,    1482.1,       0.0);
     ( 371291.6, 3808558.0,     530.6,    1482.1,       0.0);         ( 371406.4,
3808573.0,     532.6,    1482.1,       0.0);
     ( 371410.3, 3808595.8,     531.6,    1482.1,       0.0);         ( 371414.2,
3808618.7,     530.7,    1482.1,       0.0);
     ( 371418.0, 3808641.5,     530.3,    1482.1,       0.0);         ( 371421.9,
3808664.4,     529.5,    1482.1,       0.0);
     ( 371425.8, 3808687.3,     528.9,    1482.1,       0.0);         ( 371429.7,
3808710.1,     528.4,    1482.1,       0.0);
     ( 371433.5, 3808733.0,     527.8,    1482.1,       0.0);         ( 371437.4,
3808755.8,     528.0,    1482.1,       0.0);
     ( 371441.3, 3808778.7,     531.5,    1482.1,       0.0);         ( 371445.2,
3808801.5,     536.3,    1482.1,       0.0);
     ( 371449.1, 3808824.4,     539.0,    1482.1,       0.0);         ( 371453.0,
3808847.2,     539.7,    1482.1,       0.0);
     ( 371464.6, 3808915.8,     535.9,    1482.1,       0.0);         ( 371402.5,
3808550.1,     533.3,    1482.1,       0.0);
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(371390.4, 3808529.1, 533.6, 1482.1, 0.0); (371378.2, 3808508.0, 534.0, 1482.1, 0.0);
(370877.6, 3808756.3, 527.6, 1482.1, 0.0); (370874.8, 3808732.0, 528.8, 1482.1, 0.0);
(370872.0, 3808707.7, 530.5, 1482.1, 0.0); (370899.6, 3808729.1, 528.1, 1482.1, 0.0);
(370896.8, 3808704.8, 530.3, 1482.1, 0.0); (370924.5, 3808726.2, 526.3, 1482.1, 0.0);
(370921.6, 3808701.9, 529.0, 1482.1, 0.0); (370949.3, 3808723.3, 522.8, 1482.1, 0.0);
(370946.5, 3808699.0, 524.9, 1482.1, 0.0); (371255.8, 3808761.4, 524.6, 1482.1, 0.0);
(371448.8, 3808689.6, 529.1, 1482.1, 0.0); (371445.9, 3808665.3, 529.7, 1482.1, 0.0);
(371443.1, 3808641.0, 530.4, 1482.1, 0.0); (370845.5, 3808685.6, 531.6, 1482.1, 0.0);
(370821.2, 3808687.2, 532.1, 1482.1, 0.0); (370861.5, 3808666.4, 534.0, 1482.1, 0.0);
(370859.8, 3808641.5, 535.2, 1482.1, 0.0); (370904.0, 3808669.2, 531.9, 1482.1, 0.0);
(370858.1, 3808616.5, 537.4, 1482.1, 0.0); (370893.5, 3808628.0, 533.6, 1482.1, 0.0);
(370874.2, 3808524.1, 543.2, 1482.1, 0.0); (370914.5, 3808537.2, 539.9, 1482.1, 0.0);
(370954.9, 3808550.3, 538.1, 1482.1, 0.0); (370985.2, 3808575.5, 538.4, 1482.1, 0.0);
(371005.4, 3808612.8, 533.4, 1482.1, 0.0); (371025.6, 3808650.1, 533.3, 1482.1, 0.0);
(370890.7, 3808431.8, 563.8, 1482.1, 0.0); (370933.1, 3808445.6, 552.2, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370975.5, 3808459.3, 543.9, 1482.1, 0.0); (371017.8, 3808473.1, 538.2, 1482.1, 0.0);
(371049.6, 3808499.5, 537.3, 1482.1, 0.0); (371070.9, 3808538.7, 536.8, 1482.1, 0.0);
(371092.1, 3808577.9, 531.1, 1482.1, 0.0); (371113.3, 3808617.0, 529.0, 1482.1, 0.0);
(370907.5, 3808339.6, 542.9, 1482.1, 0.0); (370929.2, 3808346.7, 549.0, 1482.1, 0.0);

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     ( 370950.9, 3808353.8,     552.7,    1482.1,       0.0);         ( 370972.6,
3808360.8,     550.4,    1482.1,       0.0);
     ( 370994.4, 3808367.8,     544.7,    1482.1,       0.0);         ( 371016.1,
3808374.9,     543.0,    1482.1,       0.0);
     ( 371037.8, 3808381.9,     542.4,    1482.1,       0.0);         ( 371059.5,
3808389.0,     541.7,    1482.1,       0.0);
     ( 371081.3, 3808396.0,     541.0,    1482.1,       0.0);         ( 371113.9,
3808423.2,     538.6,    1482.1,       0.0);
     ( 371124.8, 3808443.3,     537.9,    1482.1,       0.0);         ( 371135.6,
3808463.4,     538.3,    1482.1,       0.0);
     ( 371146.5, 3808483.4,     537.9,    1482.1,       0.0);         ( 371157.4,
3808503.5,     534.6,    1482.1,       0.0);
     ( 371168.3, 3808523.6,     531.1,    1482.1,       0.0);         ( 371179.2,
3808543.7,     530.1,    1482.1,       0.0);
     ( 371190.0, 3808563.8,     528.6,    1482.1,       0.0);         ( 371200.9,
3808583.9,     526.5,    1482.1,       0.0);
     ( 370924.2, 3808247.5,     543.6,    1482.1,       0.0);         ( 370946.3,
3808254.6,     547.3,    1482.1,       0.0);
     ( 370968.4, 3808261.8,     551.2,    1482.1,       0.0);         ( 370990.4,
3808269.0,     559.0,    1482.1,       0.0);
     ( 371012.5, 3808276.1,     561.0,    1482.1,       0.0);         ( 371034.6,
3808283.3,     554.5,    1482.1,       0.0);
     ( 371056.6, 3808290.4,     547.6,    1482.1,       0.0);         ( 371078.7,
3808297.6,     551.2,    1482.1,       0.0);
     ( 371100.8, 3808304.8,     555.9,    1482.1,       0.0);         ( 371122.8,
3808311.9,     556.8,    1482.1,       0.0);
     ( 371144.9, 3808319.1,     552.0,    1482.1,       0.0);         ( 371178.0,
3808346.6,     541.7,    1482.1,       0.0);
     ( 371189.1, 3808367.0,     540.5,    1482.1,       0.0);         ( 371200.1,
3808387.4,     540.7,    1482.1,       0.0);
     ( 371211.2, 3808407.8,     540.0,    1482.1,       0.0);         ( 371222.2,
3808428.2,     535.8,    1482.1,       0.0);
     ( 371233.3, 3808448.6,     534.2,    1482.1,       0.0);         ( 371244.3,
3808469.0,     533.1,    1482.1,       0.0);
     ( 371255.4, 3808489.4,     532.7,    1482.1,       0.0);         ( 371266.4,
3808509.8,     531.2,    1482.1,       0.0);
     ( 371277.5, 3808530.2,     530.5,    1482.1,       0.0);         ( 370918.7,
3808148.1,     556.5,    1482.1,       0.0);
     ( 370941.0, 3808155.3,     559.3,    1482.1,       0.0);         ( 370963.3,
3808162.5,     555.4,    1482.1,       0.0);
     ( 370985.6, 3808169.8,     552.4,    1482.1,       0.0);         ( 371007.9,
3808177.0,     564.9,    1482.1,       0.0);
     ( 371030.2, 3808184.2,     572.2,    1482.1,       0.0);         ( 371052.5,
3808191.5,     571.4,    1482.1,       0.0);
     ( 371074.8, 3808198.7,     566.3,    1482.1,       0.0);         ( 371097.1,
3808206.0,     562.3,    1482.1,       0.0);
     ( 371119.4, 3808213.2,     560.6,    1482.1,       0.0);         ( 371141.7,
3808220.4,     560.1,    1482.1,       0.0);
     ( 371164.0, 3808227.7,     556.5,    1482.1,       0.0);         ( 371186.3,
3808234.9,     547.5,    1482.1,       0.0);
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     ( 371208.6, 3808242.1,     546.1,    1482.1,       0.0);         ( 371242.1,
3808270.0,     545.0,    1482.1,       0.0);
     ( 371253.3, 3808290.6,     544.4,    1482.1,       0.0);         ( 371264.4,
3808311.2,     543.9,    1482.1,       0.0);
     ( 371275.6, 3808331.8,     542.0,    1482.1,       0.0);         ( 371286.8,
3808352.4,     538.6,    1482.1,       0.0);
     ( 371297.9, 3808373.0,     537.8,    1482.1,       0.0);         ( 371309.1,
3808393.7,     536.9,    1482.1,       0.0);
     ( 371320.3, 3808414.3,     536.0,    1482.1,       0.0);         ( 371331.4,
3808434.9,     535.8,    1482.1,       0.0);
     ( 371342.6, 3808455.5,     534.9,    1482.1,       0.0);         ( 371353.8,
3808476.1,     534.5,    1482.1,       0.0);
     ( 370807.2, 3808111.9,     547.3,    1482.1,       0.0);         ( 370782.9,
3808113.5,     540.9,    1482.1,       0.0);
     ( 370850.8, 3808734.6,     529.6,    1482.1,       0.0);         ( 370853.2,
3808759.5,     528.7,    1482.1,       0.0);
     ( 370861.0, 3809110.4,     514.7,    1482.1,       0.0);         ( 370826.6,
3808651.5,     534.9,    1482.1,       0.0);
     ( 370934.2, 3808562.5,     538.1,    1482.1,       0.0);         ( 370954.8,
3808592.6,     538.0,    1482.1,       0.0);
     ( 370975.4, 3808622.7,     534.8,    1482.1,       0.0);         ( 370903.3,
3808517.4,     542.8,    1482.1,       0.0);
     ( 370972.0, 3808481.4,     540.5,    1482.1,       0.0);         ( 370992.6,
3808511.5,     538.1,    1482.1,       0.0);
     ( 371013.2, 3808541.6,     538.0,    1482.1,       0.0);         ( 371033.8,
3808571.7,     536.8,    1482.1,       0.0);
     ( 371054.4, 3808601.7,     531.5,    1482.1,       0.0);         ( 371075.0,
3808631.8,     528.9,    1482.1,       0.0);
     ( 371095.6, 3808661.9,     525.4,    1482.1,       0.0);         ( 371095.7,
3808788.8,     521.1,    1482.1,       0.0);
     ( 370930.8, 3808421.3,     557.2,    1482.1,       0.0);         ( 371009.8,
3808400.3,     542.9,    1482.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371030.4, 3808430.4,     541.0,    1482.1,       0.0);         ( 371051.0,
3808460.5,     538.8,    1482.1,       0.0);
     ( 371071.6, 3808490.5,     537.4,    1482.1,       0.0);         ( 371092.2,
3808520.6,     537.8,    1482.1,       0.0);
     ( 371112.8, 3808550.7,     531.7,    1482.1,       0.0);         ( 371133.4,
3808580.8,     530.1,    1482.1,       0.0);
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     ( 371154.0, 3808610.9,     527.1,    1482.1,       0.0);         ( 371174.6,
3808640.9,     525.2,    1482.1,       0.0);
     ( 371195.2, 3808671.0,     525.7,    1482.1,       0.0);         ( 371105.2,
3808888.3,     518.5,    1482.1,       0.0);
     ( 371015.2, 3808978.7,     516.5,    1482.1,       0.0);         ( 370958.2,
3808325.1,     551.7,    1482.1,       0.0);
     ( 370922.7, 3808315.0,     540.4,    1482.1,       0.0);         ( 370996.0,
3808244.0,     560.2,    1482.1,       0.0);
     ( 371047.5, 3808319.2,     544.3,    1482.1,       0.0);         ( 371068.1,
3808349.3,     543.3,    1482.1,       0.0);
     ( 371212.4, 3808559.8,     528.6,    1482.1,       0.0);         ( 371233.0,
3808589.9,     527.4,    1482.1,       0.0);
     ( 371253.6, 3808620.0,     528.5,    1482.1,       0.0);         ( 371274.2,
3808650.1,     528.0,    1482.1,       0.0);
     ( 371294.8, 3808680.1,     527.9,    1482.1,       0.0);         ( 371320.6,
3808781.2,     524.6,    1482.1,       0.0);
     ( 371114.8, 3808987.9,     515.7,    1482.1,       0.0);         ( 371089.0,
3809013.7,     514.3,    1482.1,       0.0);
     ( 370967.9, 3808223.9,     545.4,    1482.1,       0.0);         ( 371023.5,
3808147.8,     568.4,    1482.1,       0.0);
     ( 371075.0, 3808223.0,     569.6,    1482.1,       0.0);         ( 371095.6,
3808253.1,     563.4,    1482.1,       0.0);
     ( 371116.2, 3808283.2,     560.9,    1482.1,       0.0);         ( 371342.9,
3808614.1,     530.5,    1482.1,       0.0);
     ( 371363.5, 3808644.1,     529.3,    1482.1,       0.0);         ( 371384.1,
3808674.2,     528.3,    1482.1,       0.0);
     ( 371404.7, 3808704.3,     527.9,    1482.1,       0.0);         ( 371420.2,
3808790.3,     530.9,    1482.1,       0.0);
     ( 371394.4, 3808816.1,     526.4,    1482.1,       0.0);         ( 371291.5,
3808919.5,     520.3,    1482.1,       0.0);
     ( 371175.8, 3809035.7,     516.7,    1482.1,       0.0);         ( 371111.5,
3809100.3,     514.5,    1482.1,       0.0);
     ( 371085.7, 3809126.1,     512.9,    1482.1,       0.0);         ( 371021.4,
3809190.7,     511.2,    1482.1,       0.0);
     ( 370931.4, 3809281.2,     511.3,    1482.1,       0.0);         ( 370995.4,
3808127.7,     571.2,    1482.1,       0.0);
     ( 370822.8, 3808712.2,     530.9,    1482.1,       0.0);         ( 370847.1,
3808710.6,     530.5,    1482.1,       0.0);
     ( 370858.5, 3808807.8,     526.9,    1482.1,       0.0);         ( 370882.8,
3808850.0,     524.0,    1482.1,       0.0);
     ( 370848.8, 3809029.9,     512.4,    1482.1,       0.0);         ( 370868.2,
3809159.5,     508.1,    1482.1,       0.0);
     ( 370839.0, 3809234.1,     505.6,    1482.1,       0.0);         ( 370839.0,
3809255.2,     506.0,    1482.1,       0.0);
     ( 370887.7, 3809263.3,     511.1,    1482.1,       0.0);         ( 370937.9,
3809289.2,     509.6,    1482.1,       0.0);
     ( 370946.0, 3809318.4,     503.8,    1482.1,       0.0);         ( 371002.3,
3809324.5,     509.0,    1482.1,       0.0);
     ( 371003.7, 3809369.9,     500.0,    1482.1,       0.0);         ( 371137.8,
3809366.2,     499.3,    1482.1,       0.0);
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(371225.6, 3809364.7, 528.8, 1482.1, 0.0); (371212.1, 3809444.2, 516.7, 1482.1, 0.0);
(371189.7, 3809473.3, 508.4, 1482.1, 0.0); (371178.5, 3809515.8, 496.6, 1482.1, 0.0);
(371208.7, 3809569.0, 495.7, 1482.1, 0.0); (371216.7, 3809697.1, 499.6, 1482.1, 0.0);
(371211.6, 3809719.4, 500.9, 1482.1, 0.0); (371195.1, 3809860.3, 503.2, 1482.1, 0.0);
(371186.5, 3809871.8, 501.2, 1482.1, 0.0); (371200.1, 3809894.8, 494.9, 1482.1, 0.0);
(371192.9, 3810052.3, 510.7, 1482.1, 0.0); (371165.6, 3810045.9, 506.9, 1482.1, 0.0);
(371154.1, 3810042.3, 505.2, 1482.1, 0.0); (371154.1, 3810059.5, 510.1, 1482.1, 0.0);
(371146.2, 3810064.6, 510.8, 1482.1, 0.0); (371023.9, 3810055.9, 495.5, 1482.1, 0.0);
(371015.3, 3810023.6, 491.7, 1482.1, 0.0); (370757.8, 3809977.5, 486.9, 1482.1, 0.0);
(370666.5, 3810061.0, 481.7, 1482.1, 0.0); (370592.0, 3810093.1, 481.1, 1482.1, 0.0);
(370548.0, 3810094.0, 481.0, 1482.1, 0.0); (370528.6, 3810117.7, 479.9, 1482.1, 0.0);
(370503.2, 3810116.8, 479.9, 1482.1, 0.0); (370485.4, 3810094.0, 480.9, 1482.1, 0.0);
(370430.4, 3810099.9, 481.4, 1482.1, 0.0); (370313.6, 3810112.6, 481.1, 1482.1, 0.0);
(370298.4, 3810127.0, 481.4, 1482.1, 0.0); (370224.0, 3810150.7, 487.0, 1482.1, 0.0);
(370196.0, 3810182.0, 479.4, 1482.1, 0.0); (370170.7, 3810183.7, 478.7, 1482.1, 0.0);
(370135.1, 3810190.4, 482.0, 1482.1, 0.0); (370108.0, 3810175.2, 491.4, 1482.1, 0.0);
(370075.0, 3810182.8, 491.9, 1482.1, 0.0); (369956.6, 3810155.7, 476.9, 1482.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369907.5, 3810133.7, 476.8, 1482.1, 0.0); (369878.8, 3810142.2, 476.2, 1482.1, 0.0);
(369864.4, 3810132.9, 475.6, 1482.1, 0.0); (369868.6, 3810116.0, 475.7, 1482.1, 0.0);

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     ( 369829.7, 3810091.4,     476.1,    1482.1,       0.0);         ( 369822.1,
3810071.1,     476.6,    1482.1,       0.0);
     ( 369832.2, 3810050.0,     477.5,    1482.1,       0.0);         ( 369850.0,
3810046.6,     477.5,    1482.1,       0.0);
     ( 370020.0, 3810114.3,     477.2,    1482.1,       0.0);         ( 370020.0,
3810077.0,     478.0,    1482.1,       0.0);
     ( 370037.0, 3810070.3,     478.2,    1482.1,       0.0);         ( 370049.7,
3810076.2,     478.0,    1482.1,       0.0);
     ( 370079.3, 3810067.7,     478.0,    1482.1,       0.0);         ( 370097.0,
3810031.4,     483.0,    1482.1,       0.0);
     ( 370116.5, 3810027.1,     483.0,    1482.1,       0.0);         ( 370171.5,
3810050.8,     495.3,    1482.1,       0.0);
     ( 370186.7, 3810037.3,     503.4,    1482.1,       0.0);         ( 370218.0,
3810033.0,     492.7,    1482.1,       0.0);
     ( 370226.5, 3810041.5,     492.3,    1482.1,       0.0);         ( 370244.3,
3810028.0,     486.4,    1482.1,       0.0);
     ( 370289.1, 3810031.4,     483.3,    1482.1,       0.0);         ( 370324.6,
3810044.9,     482.5,    1482.1,       0.0);
     ( 370467.6, 3810030.5,     484.0,    1482.1,       0.0);         ( 370478.6,
3810028.0,     484.1,    1482.1,       0.0);
     ( 370489.6, 3810000.9,     485.2,    1482.1,       0.0);         ( 370531.1,
3809993.3,     485.2,    1482.1,       0.0);
     ( 370549.7, 3809988.2,     485.4,    1482.1,       0.0);         ( 370578.5,
3809984.0,     485.9,    1482.1,       0.0);
     ( 370638.6, 3809975.5,     499.1,    1482.1,       0.0);         ( 370652.9,
3809970.4,     499.8,    1482.1,       0.0);
     ( 370655.5, 3809958.6,     495.9,    1482.1,       0.0);         ( 370597.9,
3809958.6,     490.7,    1482.1,       0.0);
     ( 370524.3, 3809960.3,     487.4,    1482.1,       0.0);         ( 370494.7,
3809938.3,     486.8,    1482.1,       0.0);
     ( 370450.7, 3809941.7,     486.3,    1482.1,       0.0);         ( 370431.3,
3809942.5,     486.5,    1482.1,       0.0);
     ( 370427.0, 3809924.8,     486.3,    1482.1,       0.0);         ( 370430.4,
3809906.1,     486.6,    1482.1,       0.0);
     ( 370408.4, 3809902.8,     486.4,    1482.1,       0.0);         ( 370394.0,
3809710.7,     490.2,    1482.1,       0.0);
     ( 370394.9, 3809696.3,     490.6,    1482.1,       0.0);         ( 370402.5,
3809685.3,     491.2,    1482.1,       0.0);
     ( 370426.2, 3809701.4,     490.8,    1482.1,       0.0);         ( 370426.2,
3809625.2,     499.2,    1482.1,       0.0);
     ( 370439.7, 3809600.7,     501.9,    1482.1,       0.0);         ( 370503.2,
3809546.5,     499.4,    1482.1,       0.0);
     ( 370698.6, 3809431.5,     500.4,    1482.1,       0.0);         ( 370715.5,
3809438.2,     500.2,    1482.1,       0.0);
     ( 370766.3, 3809401.0,     502.0,    1482.1,       0.0);         ( 370767.2,
3809342.6,     503.3,    1482.1,       0.0);
     ( 370734.2, 3809307.1,     501.8,    1482.1,       0.0);         ( 370739.2,
3809271.5,     501.9,    1482.1,       0.0);
     ( 370795.9, 3809270.7,     503.6,    1482.1,       0.0);         ( 370795.9,
3809163.2,     508.6,    1482.1,       0.0);
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```
     ( 370797.6, 3808929.7,     516.4,    1482.1,       0.0);         ( 370806.9,
3808880.6,     522.1,    1482.1,       0.0);
     ( 370809.5, 3808845.1,     524.5,    1482.1,       0.0);         ( 370813.7,
3808830.7,     525.4,    1482.1,       0.0);
     ( 370789.2, 3808796.9,     529.8,    1482.1,       0.0);         ( 370801.0,
3808766.4,     529.4,    1482.1,       0.0);
     ( 370809.5, 3808708.0,     531.5,    1482.1,       0.0);         ( 370812.8,
3808699.6,     532.0,    1482.1,       0.0);
     ( 370848.4, 3808709.7,     530.5,    1482.1,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                   PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                      *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

                                                   1.54,   3.09,   5.14,   8.23,
10.80,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file: ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.SFC
                Met Version: 22112
   Profile file: ..\BELCARO-PM25\BELCARO.DAT\SCLR_V11_TRIMMED.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23130   Upper air station no.:   3190
                  Name: UNKNOWN   Name: UNKNOWN

                  Year: 2018   Year: 2018

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -2.6 0.074 -9.000 -9.000 -999.   49.   13.5 0.09   2.01
1.00   0.88 144.   10.0 280.2   9.0
 18 01 01   1 02   -3.8 0.086 -9.000 -9.000 -999.   60.   14.4 0.09   2.01
1.00   1.10 130.   10.0 279.9   9.0
 18 01 01   1 03   -3.4 0.085 -9.000 -9.000 -999.   59.   15.4 0.17   2.01
1.00   0.91 163.   10.0 279.6   9.0
 18 01 01   1 04   -3.6 0.083 -9.000 -9.000 -999.   58.   14.1 0.09   2.01
1.00   1.06 130.   10.0 278.9   9.0
 18 01 01   1 05   -4.0 0.088 -9.000 -9.000 -999.   63.   14.6 0.09   2.01
1.00   1.14 141.   10.0 278.8   9.0
 18 01 01   1 06   -2.5 0.076 -9.000 -9.000 -999.   50.   15.2 0.17   2.01
1.00   0.73 173.   10.0 278.0   9.0
 18 01 01   1 07   -4.0 0.087 -9.000 -9.000 -999.   62.   14.5 0.09   2.01
1.00   1.13 136.   10.0 277.7   9.0
 18 01 01   1 08   -2.4 0.072 -9.000 -9.000 -999.   47.   13.7 0.09   2.01
0.59   0.89 133.   10.0 278.6   9.0
 18 01 01   1 09   24.8 0.157 0.329 0.017   50. 149.   -13.6 0.31   2.01
0.35   0.97 314.   7.9 282.4   9.0
 18 01 01   1 10   89.7 0.133 0.759 0.015 170. 117.   -2.3 0.03   2.01
0.27   1.33   19.   7.9 288.8   9.0
 18 01 01   1 11 136.0 0.159 1.034 0.012 283. 152.   -2.6 0.19   2.01
0.24   0.90 297.   10.0 293.2   9.0

```
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370795.73	3808683.73	0.03392	370772.52	3808674.46	0.03022
370799.76	3808653.91	0.02923	370749.30	3808665.18	0.02736
370767.60	3808645.43	0.02697	370788.75	3808631.46	0.02615
370815.57	3808629.07	0.02572	370726.09	3808655.91	0.02472
370744.39	3808636.15	0.02422	370762.69	3808616.40	0.02351
370786.67	3808608.22	0.02307	370813.49	3808605.83	0.02264
370633.22	3808618.80	0.01835	370651.53	3808599.05	0.01721
370669.83	3808579.30	0.01668	370688.13	3808559.55	0.01693
370706.43	3808539.80	0.01602	370733.67	3808519.25	0.01439
370760.49	3808516.86	0.01392	370787.31	3808514.46	0.01418
370814.13	3808512.07	0.01455	370840.95	3808509.67	0.01488
370540.36	3808581.70	0.01526	370558.66	3808561.95	0.01428
370576.97	3808542.20	0.01391	370595.27	3808522.45	0.01338
370613.57	3808502.70	0.01223	370631.87	3808482.95	0.01228
370650.17	3808463.20	0.01234	370668.47	3808443.44	0.01246
370689.61	3808429.48	0.01261	370716.43	3808427.09	0.01260
370743.25	3808424.69	0.01401	370770.07	3808422.30	0.01527
370796.89	3808419.90	0.01602	370823.71	3808417.51	0.01586
370850.53	3808415.11	0.01408	370877.35		

```
3808412.72        0.01176
         370447.50    3808544.60        0.01351                        370465.80
3808524.85        0.01270
         370484.10    3808505.10        0.01228                        370502.40
3808485.35        0.01188
         370520.71    3808465.60        0.01295                        370539.01
3808445.85        0.01305
         370557.31    3808426.09        0.01464                        370575.61
3808406.34        0.01514
         370593.91    3808386.59        0.01531                        370612.21
3808366.84        0.01422
         370630.51    3808347.09        0.01349                        370654.49
3808338.91        0.01592
         370681.31    3808336.52        0.01431                        370708.13
3808334.12        0.01548
         370734.95    3808331.73        0.01610                        370761.77
3808329.33        0.01582
         370788.60    3808326.94        0.01559                        370815.42
3808324.55        0.01498
         370842.24    3808322.15        0.01386                        370869.06
3808319.76        0.01304
         370895.88    3808317.36        0.01247                        370354.64
3808507.50        0.01507
         370372.94    3808487.75        0.01492                        370391.24
3808468.00        0.01457
         370409.54    3808448.25        0.01386                        370427.84
3808428.50        0.01383
         370446.14    3808408.74        0.01518                        370464.45
3808388.99        0.01342
         370482.75    3808369.24        0.01264                        370501.05
3808349.49        0.01344
         370519.35    3808329.74        0.01530                        370537.65
3808309.99        0.01519
         370555.95    3808290.24        0.01486                        370574.25
3808270.49        0.01385
         370601.50    3808249.94        0.01523                        370628.32
3808247.54        0.01521
         370655.14    3808245.15        0.01528                        370681.96
3808242.75        0.01532
         370708.78    3808240.36        0.01523                        370735.60
3808237.97        0.01498
         370762.42    3808235.57        0.01470                        370789.24
3808233.18        0.01422
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370816.06	3808230.78	0.01413	370842.88	3808228.39	0.01324
370869.70	3808226.00	0.01258	370896.52	3808223.60	0.01279
370923.34	3808221.21	0.01232	370261.77	3808470.40	0.01437
370280.08	3808450.65	0.01541	370298.38	3808430.90	0.01711
370316.68	3808411.15	0.01710	370334.98	3808391.39	0.01664
370353.28	3808371.64	0.01641	370371.58	3808351.89	0.01576
370389.88	3808332.14	0.01355	370408.19	3808312.39	0.01235
370426.49	3808292.64	0.01272	370444.79	3808272.89	0.01366
370463.09	3808253.14	0.01433	370481.39	3808233.39	0.01469
370499.69	3808213.63	0.01467	370517.99	3808193.88	0.01461
370536.30	3808174.13	0.01440	370557.44	3808160.17	0.01424
370584.26	3808157.77	0.01417	370611.08	3808155.38	0.01417
370637.90	3808152.98	0.01410	370664.72	3808150.59	0.01404
370691.54	3808148.20	0.01368	370718.36	3808145.80	0.01327

```
         370745.18    3808143.41        0.01207                    370772.00
3808141.01        0.01036
         370798.82    3808138.62        0.00938                    370825.64
3808136.22        0.00904
         370852.46    3808133.83        0.00929                    370879.28
3808131.44        0.00923
         370906.10    3808129.04        0.00808                    370932.92
3808126.65        0.00711
         370959.74    3808124.25        0.00695                    370784.73
3808704.46        0.03858
         370779.09    3808743.38        0.04718                    370759.99
3808700.88        0.03220
         370754.35    3808739.80        0.03753                    370735.25
3808697.29        0.03007
         370729.61    3808736.21        0.03539                    370713.56
3808682.33        0.02580
         370707.68    3808713.17        0.03103                    370702.04
3808752.09        0.03418
         370615.61    3808664.19        0.01985                    370608.72
3808698.83        0.02262
         370603.08    3808737.75        0.02502                    370517.15
3808647.96        0.01648
         370526.30    3808613.82        0.01593                    370509.75
3808684.49        0.01782
         370504.11    3808723.41        0.01833                    370418.49
3808632.48        0.01541
         370428.25    3808596.06        0.01572                    370410.78
3808670.14        0.01507
         370405.14    3808709.06        0.01474                    370319.72
3808617.38        0.01388
         370329.90    3808579.44        0.01433                    370340.07
3808541.51        0.01420
         370311.82    3808655.80        0.01501                    370306.18
3808694.72        0.01635
         370220.25    3808604.93        0.01665                    370229.41
3808570.79        0.01654
         370238.56    3808536.65        0.01548                    370247.72
3808502.51        0.01426
         370212.85    3808641.46        0.01692                    370207.21
3808680.38        0.01718
         370771.79    3808772.60        0.04930                    370748.49
3808763.53        0.04039
         370719.26    3808769.70        0.03747                    370768.92
3808811.57        0.05417
         370793.46    3808845.41        0.07818                    370744.13
3808814.76        0.05000
         370741.07    3808791.02        0.04344                    370760.95
3808843.16        0.06127
         370721.61    3808823.70        0.04970                    370740.71
3808857.84        0.06092
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370720.48	3808872.52	0.05954	370619.96	3808895.93	0.04931
370605.38	3808859.20	0.04125	370593.19	3808802.84	0.02894
370597.98	3808763.61	0.02674	370639.52	3808931.22	0.05559
370539.46	3808955.79	0.03791	370525.79	3808921.35	0.03285
370512.13	3808886.91	0.03228	370498.46	3808852.47	0.03211
370493.87	3808816.86	0.02837	370498.35	3808780.07	0.02329
370558.57	3808989.93	0.04997	370458.05	3809013.35	0.04567
370443.47	3808976.61	0.04236	370428.89	3808939.87	0.03422
370414.31	3808903.14	0.02762	370399.73	3808866.40	0.02309
370394.84	3808828.41	0.02235	370399.62		

3808789.18 0.01865
370404.41 3808749.95 0.01654 370477.61
3809048.63 0.04755
370376.80 3809071.29 0.04627 370361.61
3809033.02 0.04110
370346.42 3808994.75 0.03194 370331.23
3808956.48 0.02860
370316.04 3808918.22 0.02212 370300.86
3808879.95 0.01782
370295.76 3808840.38 0.01614 370300.74
3808799.51 0.01490
370305.73 3808758.65 0.01632 370310.72
3808717.78 0.01726
370396.66 3809107.34 0.05080 370296.14
3809130.76 0.04413
370281.56 3809094.02 0.03938 370266.98
3809057.29 0.02833
370252.40 3809020.55 0.02725 370237.82
3808983.81 0.02300
370223.24 3808947.07 0.02175 370208.66
3808910.34 0.02089
370196.48 3808853.98 0.01998 370201.26
3808814.75 0.01763
370206.05 3808775.52 0.01819 370210.84
3808736.28 0.01765
370315.70 3809166.05 0.05115 370621.82
3808774.33 0.02962
370525.88 3808746.12 0.02119 370429.94
3808717.92 0.01714
370334.00 3808689.72 0.01555 370238.06
3808661.52 0.01672
370781.99 3808878.87 0.07595 370757.06
3808877.08 0.06595
370612.52 3808816.81 0.03344 370316.18
3808779.36 0.01503
370228.12 3808707.51 0.01710 370773.06
3808925.07 0.08548
370748.50 3808920.41 0.07149 370723.93
3808915.75 0.06414
370699.37 3808911.09 0.06075 370772.45
3808952.90 0.09274
370772.28 3808976.25 0.09788 370772.11
3808999.61 0.10297
370771.94 3809022.96 0.10837 370771.78
3809046.31 0.11420
370771.61 3809069.66 0.12058 370771.44
3809093.01 0.12766
370771.27 3809116.37 0.13569 370771.10
3809139.72 0.14433
370770.93 3809163.07 0.15353 370747.45

3808952.72   0.07916
         370747.28   3808976.07   0.08398   370747.11
3808999.42   0.08860
         370746.95   3809022.78   0.09354   370746.78
3809046.13   0.09895
         370746.61   3809069.48   0.10472   370746.44
3809092.83   0.11110
         370746.27   3809116.18   0.11840   370746.10
3809139.54   0.12654
         370745.93   3809162.89   0.13588   370722.45
3808952.54   0.07073

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370722.28   3808975.89   0.07535   370722.11
3808999.24   0.07927
         370721.95   3809022.60   0.08365   370721.78
3809045.95   0.08867
         370721.61   3809069.30   0.09415   370721.44
3809092.65   0.10018
         370721.27   3809116.00   0.10686   370721.10
3809139.36   0.11439
         370720.93   3809162.71   0.12272   370697.45
3808952.36   0.06598

370697.28 3808975.71 0.06967 370697.12
3808999.06 0.07314
370696.95 3809022.41 0.07715 370696.78
3809045.77 0.08148
370696.61 3809069.12 0.08647 370696.44
3809092.47 0.09189
370696.27 3809115.82 0.09744 370696.10
3809139.17 0.10483
370695.93 3809162.53 0.11227 370599.37
3808910.37 0.04793
370597.46 3808951.63 0.05312 370597.29
3808974.99 0.05584
370597.12 3808998.34 0.05873 370596.95
3809021.69 0.06179
370596.78 3809045.04 0.06495 370596.61
3809068.39 0.06837
370596.44 3809091.75 0.07208 370596.27
3809115.10 0.07609
370596.10 3809138.45 0.08053 370595.94
3809161.80 0.08523
370499.38 3808909.65 0.03197 370497.46
3808950.91 0.03821
370497.29 3808974.26 0.04232 370497.12
3808997.61 0.04426
370496.95 3809020.97 0.04763 370496.61
3809067.67 0.05287
370496.44 3809091.02 0.05527 370496.28
3809114.37 0.05745
370496.11 3809137.73 0.06320 370495.94
3809161.08 0.06796
370397.63 3808926.84 0.02572 370397.46
3808950.19 0.03037
370397.29 3808973.54 0.03650 370397.12
3808996.89 0.04025
370396.95 3809020.24 0.04292 370396.79
3809043.60 0.04529
370396.11 3809137.00 0.04987 370395.94
3809160.36 0.04715
370297.46 3808949.46 0.02184 370297.30
3808972.82 0.02268
370297.13 3808996.17 0.02306 370296.96
3809019.52 0.02753
370296.79 3809042.87 0.03153 370296.62
3809066.22 0.03520
370201.83 3808882.40 0.02102 370197.47
3808948.74 0.02308
370197.30 3808972.09 0.02350 370197.13
3808995.44 0.02685
370196.96 3809018.80 0.03118 370196.79
3809042.15 0.03115

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         370196.62    3809065.50        0.02869                      370196.45
3809088.85        0.03347
         370196.28    3809112.20        0.03440                      370196.11
3809135.56        0.03475
         370195.95    3809158.91        0.03549                      370770.93
3809206.23        0.17864
         370770.93    3809249.22        0.23238                      370745.93
3809206.23        0.15928
         370745.93    3809249.22        0.19831                      370720.93
3809206.23        0.14220
         370720.93    3809249.22        0.17094                      370695.93
3809206.23        0.12861
         370695.93    3809249.22        0.15050                      370595.93
3809184.74        0.09010
         370595.93    3809227.73        0.10042                      370595.93
3809270.71        0.11295
         370495.93    3809184.74        0.07066                      370495.93
3809227.73        0.07328
         370495.93    3809270.71        0.07599                      370395.93
3809184.74        0.04523
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         370395.93    3809227.73        0.05756                      370395.93
```

3809270.71 0.06884
370295.93 3809184.74 0.05106 370295.93
3809227.73 0.05515
370295.93 3809270.71 0.05924 370195.93
3809184.74 0.03806
370195.93 3809227.73 0.04457 370195.93
3809270.71 0.04951
370795.56 3809245.71 0.27504 370795.19
3809220.72 0.23330
370794.82 3809195.72 0.20744 370794.45
3809170.72 0.19117
370711.95 3809285.78 0.18918 370687.20
3809282.25 0.16243
370673.22 3809245.71 0.13515 370662.45
3809278.71 0.14454
370648.48 3809242.17 0.12202 370664.94
3809211.72 0.11745
370705.46 3809184.03 0.12396 370637.71
3809275.17 0.13113
370549.48 3809228.02 0.08916 370565.94
3809197.57 0.08641
370623.24 3809115.20 0.08077 370655.53
3809102.73 0.08455
370538.71 3809261.02 0.09409 370450.49
3809213.87 0.05643
370466.95 3809183.42 0.06359 370524.56
3809076.82 0.06050
370557.16 3809040.14 0.05936 370621.76
3809015.21 0.06390
370654.05 3809002.74 0.06617 370439.72
3809246.87 0.07101
370351.49 3809199.72 0.05295 370367.95
3809169.27 0.05167
370417.33 3809077.90 0.05011 370433.79
3809047.45 0.04878
370466.71 3808986.54 0.04405 370571.83
3808933.92 0.04563
370652.57 3808902.75 0.05383 370684.87
3808890.29 0.05648
370340.72 3809232.72 0.05714 370252.50
3809185.57 0.04589
370268.96 3809155.12 0.04384 370326.57
3809048.52 0.03815
370343.03 3809018.07 0.03513 370367.72
3808972.39 0.03365
370441.16 3808883.78 0.03220 370473.46
3808871.32 0.03315
370521.90 3808852.62 0.03073 370554.20
3808840.16 0.02652
370586.50 3808827.69 0.03121 370634.94

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3808809.00        0.03248
         370667.24    3808796.53        0.03521                       370241.73
3809218.57        0.04364
         370153.51    3809171.42        0.04037                       370169.97
3809140.97        0.03850
         370219.34    3809049.60        0.02868                       370260.49
3808973.46        0.02200
         370285.18    3808927.78        0.02033                       370326.33
3808851.64        0.01695
         370358.94    3808814.95        0.01854                       370423.53
3808790.03        0.01907
         370455.83    3808777.56        0.02032                       370552.72
3808740.17        0.02224
         370633.46    3808709.01        0.02522                       370665.76
3808696.54        0.02533
         370142.74    3809204.42        0.04160                       370715.84
3809324.10        0.21858
         370732.34    3809341.87        0.25870                       370748.84
3809359.64        0.30789
         370691.09    3809320.56        0.18562                       370714.02
3809358.88        0.23727
         370730.52    3809376.65        0.28047                       370672.77
3809337.57        0.17882
         370695.70    3809375.89        0.22791                       370712.20
3809393.66        0.26916
         370654.45    3809354.59        0.17570                       370641.59
3809313.49        0.14808
         370677.38    3809392.90        0.22433                       370693.88
3809410.67        0.26656
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370581.17	3809422.63	0.17599	370568.31	3809381.53	0.14566
370555.46	3809340.44	0.12261	370542.60	3809299.34	0.10587
370604.10	3809460.95	0.23265	370507.30	3809488.80	0.17760
370500.29	3809466.39	0.15719	370493.28	3809443.97	0.14145
370486.27	3809421.55	0.12862	370479.25	3809399.14	0.11771
370472.24	3809376.72	0.10868	370465.23	3809354.31	0.10100
370458.22	3809331.89	0.09431	370451.20	3809309.47	0.08817
370444.19	3809287.06	0.08152	370514.32	3809511.22	0.20511
370530.82	3809528.99	0.25133	370434.18	3809557.35	0.17298
370427.32	3809535.43	0.15321	370420.47	3809513.51	0.13782
370413.61	3809491.59	0.12557	370406.75	3809469.67	0.11540
370399.90	3809447.75	0.10667	370393.04	3809425.84	0.09926
370386.18	3809403.92	0.09253	370379.33	3809382.00	0.08596
370372.47	3809360.08	0.07691	370365.61	3809338.16	0.06812
370358.76	3809316.25	0.06230	370351.90	3809294.33	0.05877
370345.04	3809272.41	0.05641	370441.04	3809579.26	0.18784
370360.61	3809624.48	0.14134	370353.47	3809601.64	0.12964
370346.33	3809578.81	0.11957	370339.19	3809555.98	0.11073
370332.04	3809533.15	0.10311	370324.90	3809510.32	0.09634
370317.76	3809487.49	0.09030	370310.62	3809464.66	0.08479
370303.47	3809441.82	0.07713	370296.33	3809418.99	0.06692

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         370289.19    3809396.16        0.05732                      370282.05
3809373.33        0.05505
         370274.90    3809350.50        0.05710                      370267.76
3809327.67        0.05991
         370260.62    3809304.83        0.05864                      370253.48
3809282.00        0.05588
         370246.33    3809259.17        0.05300                      370367.76
3809647.31        0.15493
         370384.26    3809665.08        0.18087                      370400.76
3809682.85        0.21837
         370287.46    3809692.93        0.10951                      370280.45
3809670.52        0.10399
         370273.44    3809648.10        0.09876                      370266.42
3809625.69        0.09381
         370259.41    3809603.27        0.08916                      370252.40
3809580.85        0.08477
         370245.39    3809558.44        0.08045                      370238.37
3809536.02        0.07436
         370231.36    3809513.60        0.06621                      370224.35
3809491.19        0.06164
         370217.34    3809468.77        0.06358                      370210.32
3809446.35        0.06034
         370203.31    3809423.94        0.05415                      370196.30
3809401.52        0.05487
         370189.29    3809379.11        0.05589                      370182.27
3809356.69        0.05373
         370175.26    3809334.27        0.05157                      370168.25
3809311.86        0.04954
         370161.23    3809289.44        0.04762                      370154.22
3809267.02        0.04580
         370147.21    3809244.61        0.04404                      370294.48
3809715.35        0.11531
         370310.98    3809733.12        0.12645                      370327.48
3809750.89        0.13972
         370741.32    3809400.65        0.34020                      370266.37
3809393.82        0.05196
         370166.66    3809372.92        0.05307                      370571.99
3809171.50        0.08253
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         370538.15    3809196.32        0.08072                       370436.80
3809022.62        0.04626
         370864.14    3809066.86        0.13619                       370901.29
3808974.02        0.08765
         370938.44    3808881.18        0.06044                       370666.40
3809421.43        0.24672
         370646.86    3809432.94        0.24041                       370627.31
3809444.45        0.23477
         370568.68    3809478.97        0.21980                       370549.13
3809490.48        0.21469
         370490.50    3809525.00        0.19443                       370653.72
3809399.89        0.20921
         370634.17    3809411.40        0.20371                       370614.63
3809422.90        0.19877
         370575.54    3809445.92        0.19075                       370555.99
3809457.42        0.18641
         370536.45    3809468.93        0.18216                       370477.81
3809503.45        0.16748
         370676.77    3809361.76        0.19782                       370641.03
3809378.35        0.18205
         370621.49    3809389.85        0.17744                       370601.94
3809401.36        0.17360
         370543.31    3809435.88        0.16296                       370523.76
3809447.39        0.15904
         370465.13    3809481.91        0.14663                       370628.35
3809356.80        0.16118
         370608.81    3809368.31        0.15762                       370550.17
3809402.83        0.14774
         370530.63    3809414.34        0.14459                       370511.08
3809425.84        0.14156
         370452.45    3809460.37        0.13096                       370618.74
3809252.35        0.11471
         370558.07    3809282.14        0.10507                       370518.98
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3809305.15        0.09367
         370499.44    3809316.66        0.09268                      370440.80
3809351.18        0.09452
         370421.26    3809362.68        0.09247                      370401.71
3809374.19        0.09029
         370632.76    3809145.87        0.08948                      370654.34
3809139.10        0.09299
         370546.43    3809172.95        0.07815                      370370.52
3809276.51        0.05859
         370560.44    3809066.46        0.06306                      370625.19
3809046.16        0.06878
         370646.78    3809039.39        0.07086                      370456.60
3809109.79        0.05400
         370437.06    3809121.29        0.04811                      370339.33
3809178.83        0.05405
         370319.79    3809190.34        0.05383                      370574.46
3808959.98        0.04862
         370794.94    3808953.51        0.11650                      370862.01
3808963.82        0.12521
         370347.23    3809058.13        0.04175                      370249.51
3809115.67        0.02979
         370545.31    3808867.04        0.02860                      370566.89
3808860.27        0.02909
         370631.64    3808839.96        0.04022                      370675.58
3808836.63        0.04654
         370899.16    3808870.97        0.07417                      370374.68
3808925.93        0.02403
         370355.13    3808937.44        0.02583                      370471.09
3809541.06        0.18248
         370454.86    3809522.04        0.16414                      370407.26
3809562.65        0.15336
         370391.04    3809543.64        0.13359                      370390.67
3809511.08        0.12179
         370357.49    3809407.94        0.08673                      370325.76
3809435.01        0.08319
         370322.63    3809308.23        0.06384                      370292.58
3809331.87        0.05923
         370244.99    3809372.48        0.05490                      370271.89
3809222.05        0.05156
         370221.16    3809135.88        0.03383                      370115.17
3809220.34        0.04055
         370127.89    3809080.01        0.03441                      370156.25
3809059.81        0.03424
         370097.85    3809103.66        0.03255                      370066.12
3809130.73        0.03316
         370417.83    3809588.61        0.18071                      370404.29
3809613.15        0.18080
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370389.17	3809588.81	0.15147	370374.05	3809564.46	0.13102
370359.71	3809543.13	0.11693	370272.16	3809494.82	0.07976
370287.25	3809476.31	0.07946	370257.84	3809516.34	0.07885
370185.54	3809445.35	0.05988	370219.51	3809403.71	0.04860
370170.28	3809468.03	0.05966	370097.73	3809397.36	0.04759
370114.20	3809377.17	0.04811	370130.67	3809356.98	0.04858
370147.14	3809336.79	0.04901	370082.72	3809419.72	0.04725
370010.65	3809348.46	0.03877	370028.07	3809327.11	0.03917
370045.49	3809305.76	0.03913	370062.91	3809284.40	0.03748
370080.33	3809263.05	0.03732	370097.75	3809241.69	0.03965
369995.17	3809371.41	0.03828	369922.87	3809300.42	0.03168
369939.86	3809279.60	0.02787	369956.84	3809258.78	0.02525

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         369973.83    3809237.96        0.02630                    369990.81
3809217.14        0.02357
         370007.80    3809196.32        0.02256                    370024.78
3809175.50        0.02859
         370041.77    3809154.68        0.03210                    369907.61
3809323.10        0.03192
         370401.18    3809644.27        0.19199                    370376.18
3809701.38        0.18222
         370351.18    3809663.31        0.14426                    370351.18
3809701.38        0.15291
         370330.33    3809609.13        0.11803                    370326.18
3809644.27        0.12266
         370326.18    3809682.34        0.12938                    370230.33
3809609.13        0.08178
         370226.18    3809644.27        0.08373                    370226.18
3809682.34        0.08677
         370130.85    3809607.11        0.06242                    370140.18
3809570.88        0.06179
         370149.51    3809534.65        0.06092                    370158.84
3809498.42        0.06005
         370126.18    3809644.27        0.06371                    370126.18
3809682.34        0.06576
         370030.70    3809607.66        0.05001                    370039.75
3809572.53        0.04960
         370048.80    3809537.39        0.04909                    370057.85
3809502.26        0.04852
         370066.90    3809467.13        0.04789                    370026.18
3809644.27        0.05091
         370026.18    3809682.34        0.05247                    369930.62
3809607.98        0.04114
         369939.51    3809573.47        0.04081                    369948.40
3809538.96        0.04047
         369957.29    3809504.46        0.04010                    369966.18
3809469.95        0.03969
         369975.06    3809435.44        0.03932                    369983.95
3809400.94        0.03861
         369926.18    3809644.27        0.04189                    369926.18
3809682.34        0.04309
         369830.85    3809607.11        0.03462                    369840.18
3809570.88        0.03436
         369849.51    3809534.65        0.03412                    369858.84
3809498.42        0.03385
         369868.18    3809462.19        0.03355                    369877.51
3809425.95        0.03322
         369886.84    3809389.72        0.03281                    369896.17
3809353.49        0.03229
         369826.18    3809644.27        0.03482                    369826.18
3809682.34        0.03524
         370416.53    3809664.61        0.24379                    370269.95
3809550.81        0.08612
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370326.12	3809404.20	0.07589	370409.52	3809403.37	0.09838
370434.36	3809408.55	0.10664	370459.20	3809413.74	0.11593
370084.65	3809450.52	0.04884	370106.87	3809436.12	0.05032
370129.09	3809421.72	0.05181	370151.31	3809407.32	0.05342
370217.96	3809364.11	0.05640	370240.18	3809349.71	0.05812
370380.90	3809302.92	0.07112	370406.82	3809308.33	0.07946
370523.46	3809332.69	0.10947	370588.26	3809346.22	0.13860
370013.33	3809386.55	0.04037	370035.36		

3809372.27 0.04143
370057.38 3809358.00 0.04251 370079.41
3809343.72 0.04360
370101.44 3809329.44 0.04469 370123.47
3809315.16 0.04579
370222.59 3809250.91 0.04950 370374.94
3809207.21 0.04854
370426.33 3809217.94 0.06002 370529.12
3809239.41 0.08736
370567.66 3809247.45 0.09794 369930.96
3809329.74 0.03282
369952.87 3809315.54 0.02895 369974.77
3809301.35 0.03255
369996.67 3809287.15 0.03401 370018.57
3809272.95 0.03089
370040.47 3809258.76 0.02922 370062.37
3809244.56 0.03092
370305.12 3809098.16 0.04234 370330.67
3809103.50 0.04620
370356.22 3809108.83 0.04872 370471.19
3809132.84 0.05791
370522.29 3809143.51 0.06953 370547.84
3809148.85 0.07427
370650.03 3809170.19 0.10000 370675.58
3809175.52 0.10936
370319.16 3809706.25 0.12837 370303.85
3809664.90 0.11389
370199.63 3809671.75 0.07927 370194.38
3809698.88 0.07988
370099.80 3809665.85 0.06091 370094.55
3809692.98 0.06151
370000.27 3809659.10 0.04886 369994.73
3809687.08 0.04939
369900.38 3809653.38 0.04024 369909.64
3809626.54 0.04014
369894.90 3809681.18 0.04064 369800.51
3809647.59 0.03176
369809.69 3809620.99 0.03351 369795.08
3809675.28 0.03287
370370.90 3809736.56 0.18339 370372.69
3809760.56 0.18995
370374.49 3809784.57 0.19446 370376.29
3809808.58 0.19604
370378.09 3809832.59 0.19431 370379.88
3809856.60 0.19021
370381.68 3809880.61 0.18565 370383.48
3809904.62 0.18215
370347.76 3809762.43 0.15865 370349.56
3809786.44 0.16200
370351.36 3809810.45 0.16396 370353.16

3809834.46   0.16458
         370354.95   3809858.47   0.16422   370356.75
3809882.47   0.16361
         370358.55   3809906.48   0.16343   370324.63
3809788.31   0.14016
         370326.43   3809812.31   0.14239   370328.23
3809836.32   0.14424
         370330.02   3809860.33   0.14563   370331.82
3809884.34   0.14677
         370333.62   3809908.35   0.14838   370297.90
3809766.16   0.12177
         370299.70   3809790.17   0.11986   370301.50
3809814.18   0.12223
         370303.30   3809838.19   0.12538   370305.09
3809862.20   0.13071

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370306.89   3809886.21   0.13311   370308.69
3809910.22   0.13619
         370194.59   3809725.61   0.08166   370196.39
3809749.62   0.08367
         370198.18   3809773.63   0.08563   370199.98
3809797.64   0.08462

370201.78 3809821.65 0.08802 370203.58
3809845.66 0.09363
370205.37 3809869.66 0.09517 370207.17
3809893.67 0.09449
370208.97 3809917.68 0.10136 370094.87
3809733.08 0.06356
370096.66 3809757.09 0.06511 370098.46
3809781.10 0.06677
370100.26 3809805.10 0.06857 370102.06
3809829.11 0.07052
370103.85 3809853.12 0.07238 370105.65
3809877.13 0.07253
370107.45 3809901.14 0.07531 370109.25
3809925.15 0.08219
369995.01 3809722.72 0.05087 369996.94
3809764.55 0.05298
369998.74 3809788.56 0.05444 370000.54
3809812.57 0.05608
370002.34 3809836.58 0.05794 370004.13
3809860.59 0.06008
370005.93 3809884.60 0.06261 370007.73
3809908.61 0.06561
370009.53 3809932.61 0.06927 369895.25
3809725.73 0.04208
369897.22 3809772.02 0.04399 369899.02
3809796.03 0.04520
369900.82 3809820.04 0.04653 369902.62
3809844.04 0.04812
369904.41 3809868.05 0.05001 369906.21
3809892.06 0.05235
369908.01 3809916.07 0.05532 369909.81
3809940.08 0.05921
369795.55 3809735.43 0.03496 369797.50
3809779.48 0.03483
369799.30 3809803.49 0.03563 369801.10
3809827.50 0.03614
369802.89 3809851.51 0.03658 369804.69
3809875.52 0.03745
369806.49 3809899.53 0.03916 369808.29
3809923.54 0.04349
369810.08 3809947.55 0.04432 370404.61
3809927.46 0.19565
370386.26 3809944.44 0.18147 370422.82
3809955.55 0.20857
370382.47 3809969.15 0.18367 370346.78
3809938.57 0.15786
370419.02 3809980.26 0.21004 370373.82
3809991.28 0.18917
370326.23 3809950.51 0.14981 370415.22
3810004.97 0.22377

```
         370252.83    3810018.42        0.15317                      370235.28
3809978.13        0.12461
         370400.04    3810103.81        0.24703                      370343.45
3810188.96        0.12490
         370304.63    3810168.34        0.14469                      370265.82
3810147.72        0.16330
         370161.88    3810046.04        0.13830                      370144.34
3810005.74        0.10898
         370126.79    3809965.44        0.09304                      370384.85
3810202.65        0.12021
         370328.26    3810287.80        0.08601                      370289.45
3810267.18        0.08941
         370250.64    3810246.56        0.09374                      370211.82
3810225.94        0.10075
         370173.01    3810205.32        0.11432                      370062.16
3810053.50        0.11436
         370044.62    3810013.21        0.09315                      370027.07
3809972.91        0.07926
         370369.67    3810301.49        0.08498                      370313.08
3810386.64        0.06525
         370274.26    3810366.02        0.06664                      370235.45
3810345.40        0.06844
         370196.64    3810324.78        0.07063                      370157.83
3810304.16        0.07328
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
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Y-COORD (M) CONC

- - - -

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3809991.62        0.23883
         370434.53    3810017.45        0.25311                       370403.31
3810032.38        0.26701
         370343.23    3809979.84        0.16801                       370421.52
3810136.59        0.17783
         370384.60    3810125.10        0.19444                       370347.67
3810113.62        0.22222
         370459.45    3810141.48        0.17496                       370426.73
3810236.75        0.10891
         370391.48    3810225.79        0.11070                       370356.23
3810214.83        0.11250
         370320.98    3810203.86        0.11602                       370285.74
3810192.90        0.12572
         370240.39    3810166.49        0.14784                       370463.81
3810241.38        0.10931
         370430.25    3810336.40        0.07941                       370393.33
3810324.91        0.08047
         370301.01    3810296.20        0.08216                       370264.08
3810284.71        0.08311
         370227.16    3810273.23        0.08452                       370179.65
3810245.56        0.09184
         370147.92    3810197.00        0.12502                       370468.18
3810341.29        0.07971
         370435.13    3810436.46        0.06221                       370399.23
3810425.29        0.06278
         370255.62    3810380.63        0.06348                       370219.72
3810369.47        0.06359
         370183.82    3810358.30        0.06372                       370147.92
3810347.13        0.06394
         370119.69    3810325.81        0.06673                       370099.12
3810294.34        0.07319
         370057.98    3810231.40        0.09827                       370037.41
3810199.93        0.13373
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
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, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370472.54	3810441.19	0.06231	370438.98	3810536.21	0.05009
370402.05	3810524.72	0.05059	370365.13	3810513.24	0.05094
370272.81	3810484.52	0.05166	370235.88	3810473.04	0.05167
370198.96	3810461.55	0.05150	370162.03	3810450.07	0.05112
370125.10	3810438.58	0.05072	370088.18	3810427.10	0.05023
370059.14	3810405.17	0.05115	370037.98	3810372.80	0.05392
369985.09	3810291.87	0.06541	369963.93	3810259.50	0.07189
369942.77	3810227.13	0.08117	369889.88	3810146.20	0.12364
370476.90	3810541.10	0.05011	370474.63	3809964.91	0.25533
370476.55	3809989.83	0.25662	370478.46	3810014.76	0.27914
370488.04	3810139.39	0.18053	370495.70	3810239.10	0.11170
370503.36	3810338.80	0.08127	370511.02	3810438.51	0.06318
370518.68	3810538.22	0.05079	370509.42	3809980.35	0.28805
370549.44	3809984.71	0.35661	370573.98	3809984.15	0.41362
370508.28	3810153.66	0.16668	370553.46	3810159.66	0.16338
370577.99	3810159.10	0.16414	370602.53	3810158.54	0.16318
370531.22	3810260.20	0.10479	370555.75	3810259.64	0.10549
370580.29	3810259.07	0.10599	370604.83	3810258.51	0.10609
370533.51	3810360.17	0.07710	370558.05	3810359.61	0.07742

```
         370582.58    3810359.05        0.07780                      370607.12
3810358.48        0.07798
         370381.01    3810410.92        0.06413                      370535.81
3810460.15        0.06045
         370560.34    3810459.58        0.06071                      370584.88
3810459.02        0.06091
         370609.42    3810458.46        0.06104                      370538.10
3810560.12        0.04869
         370562.64    3810559.56        0.04884                      370587.18
3810559.00        0.04896
         370611.71    3810558.43        0.04900                      370636.30
3810158.59        0.15976
         370636.30    3810258.59        0.10560                      370636.30
3810358.59        0.07792
         370636.30    3810458.59        0.06100                      370636.30
3810558.59        0.04893
         370628.50    3809965.20        0.41068                      370604.05
3809959.96        0.40803
         370264.36    3809874.76        0.11054                      370166.58
3809853.80        0.08318
         370068.81    3809832.84        0.06593                      370574.99
3809959.21        0.38593
         370534.87    3809384.19        0.13218                      370447.55
3809499.67        0.14644
         370501.33    3809947.91        0.30336                      370438.06
3809603.68        0.19434
         370401.99    3809827.97        0.24311                      370298.85
3809939.14        0.13580
         370243.90    3809844.43        0.10666                      370260.00
3809822.67        0.11101
         370276.09    3809800.90        0.10913                      370135.93
3809827.51        0.07582
         370152.79    3809804.71        0.07780                      370169.65
3809781.91        0.07971
         370220.24    3809713.50        0.08743                      370249.97
3809684.76        0.09417
         370035.10    3809800.93        0.05936                      370052.46
3809777.46        0.06013
         370069.82    3809753.99        0.06113                      370156.61
3809636.62        0.06831
         370187.22    3809607.03        0.07208                      369942.21
3809763.62        0.04751
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369959.07	3809740.82	0.04809	370043.38	3809626.81	0.05206
370060.24	3809604.01	0.05299	370077.11	3809581.21	0.05396
370093.97	3809558.40	0.05495	370123.70	3809529.66	0.05709
369928.28	3809788.56	0.04739	370369.81	3810015.22	0.20925
370345.98	3810017.62	0.19886	370322.15	3810020.02	0.18865
370319.65	3809995.14	0.16572	370359.94	3809438.31	0.09290
370298.00	3810008.00	0.16520	370395.85	3809750.99	0.23454
370467.00	3809564.08	0.18312	370292.88	3809981.50	0.14560
370272.34	3809954.88	0.12911	370274.23	3809929.95	0.12458
370281.77	3809830.23	0.11967	370266.89	3809728.82	0.10413
370296.84	3809630.80	0.10587	370229.12	3810008.08	0.13636
370213.97	3809988.20	0.12126	370198.81	3809968.31	0.10914
370200.70	3809943.39	0.10276	370165.89	3809961.97	0.09535
370123.78	3809771.19	0.07025	370164.67	3809759.09	0.07712
370226.00	3809740.93	0.09102	370043.78		

3809697.39 0.05512
370148.62 3809666.35 0.06865 369962.53
3809623.96 0.04419
370005.12 3809611.35 0.04760 370111.60
3809579.83 0.05825
370175.49 3809560.92 0.06583 370218.08
3809548.31 0.06756
369901.07 3809544.67 0.03741 369982.85
3809520.46 0.04254
370023.73 3809508.36 0.04553 370085.07
3809490.20 0.05073
370125.95 3809478.10 0.05465 369862.86
3809564.26 0.03553
370199.04 3810010.39 0.11944 370180.04
3809987.73 0.11065
370173.34 3809938.18 0.09319 370283.74
3809745.91 0.11291
370146.56 3809739.98 0.07246 370179.61
3809638.10 0.07270
370152.83 3809439.90 0.05552 370334.32
3809457.31 0.08963
370379.69 3809461.66 0.10361 370435.76
3809480.59 0.13161
370170.12 3810018.60 0.11479 370121.67
3809994.77 0.10023
370105.06 3809976.08 0.09148 370071.53
3809879.69 0.07060
369972.17 3809826.61 0.05393 369938.64
3809730.22 0.04581
369974.01 3809713.97 0.04842 370062.44
3809673.37 0.05630
369872.20 3809655.48 0.03833 369978.31
3809606.75 0.04497
369805.76 3809580.75 0.03249 369929.55
3809523.90 0.03873
370000.29 3809491.41 0.04294 370035.66
3809475.17 0.04530
369772.85 3809602.41 0.02860 370271.87
3809767.40 0.10924
370314.34 3809567.93 0.10294 370091.74
3810006.93 0.09849
370100.58 3809953.84 0.08553 370075.81
3809933.64 0.07817
370052.79 3809733.98 0.05790 370068.97
3809639.87 0.05559
370010.31 3809538.54 0.04547 370008.27
3809442.68 0.04189
370046.67 3809446.39 0.04514 370123.48
3809453.82 0.05303
370076.31 3809987.26 0.08961 370034.35

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370065.94   3809965.21   0.08263   370020.77
3810016.63   0.09236
         370007.20   3809987.47   0.08122   369989.43
3810023.85   0.09433
         369962.35   3809887.92   0.05803   369899.57
3809979.96   0.06742
         369863.66   3809854.96   0.04516   369963.93
3809770.85   0.04992
         370015.98   3809746.37   0.05416   369750.14
3809840.34   0.03265
         369775.14   3809809.42   0.03350   369825.15
3809747.57   0.03758
         369868.15   3809708.19   0.03954   369958.11
3809665.88   0.04521
         369728.75   3809873.99   0.03459   369659.50
3809797.42   0.02865
         369682.94   3809768.43   0.02948   369706.38
3809739.44   0.02972
         369729.83   3809710.45   0.02971   369753.27
3809681.46   0.02954

369776.71	3809652.47	0.02978	369855.90	3809606.24	0.03607
369889.64	3809590.37	0.03780	369973.98	3809550.70	0.04279
369638.90	3809830.10	0.02757	369569.98	3809753.11	0.02385
369594.09	3809723.30	0.02493	369618.20	3809693.48	0.02570
369642.32	3809663.66	0.02566	369666.43	3809633.84	0.02639
369690.54	3809604.02	0.02672	369714.65	3809574.21	0.02500
369744.05	3809551.14	0.02555	369778.75	3809534.82	0.02924
369813.45	3809518.49	0.03099	369882.85	3809485.85	0.03490
369917.55	3809469.53	0.03654	369549.04	3809786.21	0.02334
370070.79	3810030.88	0.10411	370176.42	3809804.29	0.08134
370010.76	3810053.84	0.11333	369982.90	3809984.21	0.07812
369976.57	3809793.17	0.05234	370078.65	3809796.01	0.06476
370129.69	3809797.42	0.07291	369941.31	3809700.38	0.04495
370011.88	3809702.34	0.05179	370117.75	3809705.28	0.06562
370153.04	3809706.26	0.07175	370085.81	3809612.58	0.05646
369884.65	3809515.18	0.03570	370078.74	3809520.57	0.05143
370184.60	3809523.52	0.05604	369995.05	3810077.05	0.14072
369949.35	3810063.04	0.13742	369924.35	3810063.04	0.14854
369960.07	3810002.60	0.08275	369824.96	3810061.03	0.07535
369849.52	3809980.95	0.05677	369867.48	3809954.42	0.05584
369820.05	3810095.66	0.07577	369725.21	3810060.23	0.03889
369735.52	3810026.60	0.03982	369745.84	3809992.96	0.04048
369756.15	3809959.33	0.03839	369766.46	3809925.69	0.03674
369867.51	3809831.63	0.04425	369720.05	3810095.66	0.03825
369625.34	3810059.80	0.02887	369635.92	3810025.30	0.02945

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         369646.50    3809990.81        0.03001                       369657.08
3809956.31        0.03035
         369667.65    3809921.81        0.03058                       369678.23
3809887.31        0.03076
         369702.86    3809841.50        0.03208                       369730.96
3809818.86        0.03293
         369773.11    3809784.90        0.03277                       369843.36
3809728.31        0.03837
         369620.05    3810095.66        0.02851                       369525.42
3810059.53        0.02341
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                   PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         369536.17    3810024.50        0.02389                       369546.91
3809989.46        0.02434
         369557.65    3809954.42        0.02471                       369568.40
3809919.39        0.02501
         369579.14    3809884.35        0.02524                       369589.89
3809849.31        0.02542
         369600.63    3809814.28        0.02558                       369620.27
3809785.26        0.02627
         369648.81    3809762.27        0.02775                       369677.35
3809739.28        0.02887
         369705.89    3809716.29        0.02868                       369520.05
```

3810095.66 0.02299
369425.48 3810059.35 0.01970 369436.34
3810023.94 0.02017
369447.19 3809988.54 0.02052 369458.05
3809953.13 0.02085
369468.91 3809917.73 0.02114 369479.76
3809882.32 0.02140
369490.62 3809846.91 0.02164 369501.48
3809811.51 0.02185
369512.34 3809776.10 0.02199 369537.61
3809729.08 0.02255
369566.45 3809705.85 0.02361 369595.29
3809682.62 0.02462
369420.05 3810095.66 0.01950 369901.74
3810040.28 0.10956
369880.48 3810031.82 0.09408 369932.24
3810025.51 0.09471
369910.99 3810017.05 0.08706 369889.73
3810008.59 0.07793
369868.47 3810000.13 0.06878 370114.35
3809506.03 0.05467
369860.70 3809758.27 0.04030 369776.13
3809755.26 0.03229
369843.71 3809660.20 0.03659 369773.90
3809557.07 0.02955
369913.08 3809570.38 0.03885 369965.27
3809575.37 0.04286
370000.06 3809578.70 0.04601 369755.38
3809458.85 0.02673
369790.55 3809462.21 0.02875 369825.71
3809465.58 0.03118
369720.04 3809460.55 0.02364 369809.69
3810039.14 0.05996
369799.53 3810060.29 0.05847 369787.15
3810028.32 0.05061
369776.99 3810049.47 0.04940 369775.56
3810004.00 0.04594
369802.35 3809983.40 0.04849 369754.46
3810038.64 0.04354
369695.72 3809909.41 0.03245 369752.57
3809872.46 0.03461
369773.70 3809862.98 0.03613 369605.58
3809866.11 0.02630
369620.17 3809848.12 0.02681 369691.61
3809793.19 0.03045
369712.74 3809783.70 0.03150 369733.87
3809774.22 0.03127
369755.00 3809764.74 0.03167 369530.03
3809804.82 0.02280
369630.65 3809713.91 0.02634 369651.78

3809704.43   0.02723
         369672.91   3809694.95   0.02747   369694.04
3809685.47   0.02707
         369715.18   3809675.99   0.02750   369736.31
3809666.50   0.02927
         369396.12   3809815.48   0.01877   369410.71
3809797.49   0.01910
         369425.30   3809779.51   0.01943   369439.89
3809761.52   0.01975
         369454.48   3809743.53   0.02008   369469.07
3809725.55   0.02042
         369483.66   3809707.56   0.02076   369498.25
3809689.58   0.02111
         369512.84   3809671.59   0.02145   369548.57
3809644.12   0.02268
         369569.70   3809634.64   0.02324   369590.83
3809625.16   0.02393
         369611.96   3809615.68   0.02467   369633.09
3809606.19   0.02538

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369654.22   3809596.71   0.02606   369675.35
3809587.23   0.02675

```
         369381.52    3809833.47        0.01844                    369371.36
3809854.62        0.01823
         369305.98    3809772.18        0.01660                    369320.57
3809754.19        0.01687
         369335.16    3809736.21        0.01713                    369349.75
3809718.22        0.01740
         369364.34    3809700.23        0.01767                    369378.93
3809682.25        0.01793
         369393.52    3809664.26        0.01821                    369408.11
3809646.28        0.01851
         369422.71    3809628.29        0.01882                    369437.30
3809610.30        0.01913
         369451.89    3809592.32        0.01946                    369487.61
3809564.85        0.02028
         369508.74    3809555.37        0.02084                    369529.87
3809545.89        0.02141
         369551.00    3809536.40        0.02196                    369572.13
3809526.92        0.02228
         369593.26    3809517.44        0.02239                    369614.39
3809507.96        0.02270
         369635.52    3809498.48        0.02196                    369656.65
3809488.99        0.02127
         369677.78    3809479.51        0.02144                    369698.91
3809470.03        0.02183
         369291.39    3809790.17        0.01633                    369281.23
3809811.32        0.01616
         369775.25    3810088.68        0.05016                    369752.71
3810077.86        0.04406
         369759.46    3810117.78        0.04552                    369736.05
3810126.56        0.04061
         369635.68    3810121.77        0.02951                    369642.43
3810161.68        0.02954
         369542.13    3810155.11        0.02371                    369544.03
3810112.33        0.02398
         369545.93    3810069.55        0.02432                    369548.80
3810196.81        0.02374
         369448.48    3810190.72        0.01999                    369450.34
3810148.89        0.02025
         369452.20    3810107.06        0.02052                    369454.06
3810065.23        0.02061
         369455.17    3810231.94        0.01997                    369354.84
3810226.12        0.01745
         369356.68    3810184.84        0.01750                    369358.51
3810143.56        0.01768
         369360.35    3810102.28        0.01784                    369362.19
3810061.01        0.01798
         369364.02    3810019.73        0.01807                    369365.86
3809978.45        0.01819
         369367.69    3809937.17        0.01824                    369369.53
3809895.89        0.01824
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         369361.54    3810267.07        0.01753                      369261.25
3810260.50        0.01538
         369263.15    3810217.72        0.01563                      369265.05
3810174.94        0.01587
         369266.96    3810132.16        0.01601                      369268.86
3810089.38        0.01613
         369270.76    3810046.60        0.01601                      369272.66
3810003.82        0.01599
         369274.57    3809961.04        0.01607                      369276.47
3809918.26        0.01611
         369278.37    3809875.48        0.01617                      369267.92
3810302.19        0.01537
         369835.81    3810124.85        0.08630                      369855.27
3810137.12        0.09912
         369792.94    3810121.36        0.05634                      369822.47
3810145.99        0.06819
         369841.93    3810158.26        0.07544                      369779.61
3810142.51        0.05033
         369809.14    3810167.14        0.05783                      369828.60
3810179.41        0.06244
         369762.91    3810159.53        0.04503                      369795.80
3810188.29        0.05086
         369815.26    3810200.56        0.05429                      369709.58
3810244.12        0.03389
         369682.72    3810211.15        0.03202                      369742.47
3810272.88        0.03628
         369761.93    3810285.15        0.03776                      369656.24
3810328.71        0.02788
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369629.38	3810295.74	0.02686	369602.52	3810262.76	0.02578
369575.66	3810229.79	0.02471	369689.13	3810357.47	0.02931
369708.59	3810369.74	0.03024	369602.91	3810413.30	0.02398
369576.05	3810380.32	0.02321	369549.19	3810347.35	0.02246
369522.32	3810314.38	0.02174	369495.46	3810281.40	0.02102
369635.80	3810442.06	0.02490	369655.26	3810454.33	0.02559
369548.61	3810496.71	0.02385	369534.22	3810479.05	0.02233
369519.83	3810461.38	0.02150	369505.44	3810443.72	0.02075
369491.05	3810426.05	0.02053	369476.66	3810408.39	0.01978
369462.27	3810390.72	0.01936	369447.88	3810373.06	0.01910
369433.49	3810355.39	0.01881	369419.10	3810337.73	0.01854
369404.71	3810320.06	0.01833	369390.32	3810302.40	0.01805
369375.93	3810284.73	0.01771	369563.00	3810514.38	0.02921
369582.46	3810526.65	0.02901	369601.92	3810538.92	0.02884
369495.45	3810581.51	0.03590	369481.23	3810564.05	0.03628
369467.01	3810546.59	0.03655	369438.56	3810511.68	0.03611
369424.34	3810494.22	0.03445	369410.12	3810476.77	0.02976
369395.90	3810459.31	0.02506	369381.68	3810441.85	0.01884
369353.24	3810406.94	0.01691	369339.02	3810389.48	0.01657
369324.80	3810372.02	0.01625	369310.58	3810354.57	0.01603
369296.36	3810337.11	0.01582	369509.67	3810598.96	0.03600
369529.13	3810611.23	0.03562	369548.59		

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3810623.50        0.03526
         369674.57    3810067.46        0.03283                      369577.56
3810043.21        0.02592
         369480.54    3810018.96        0.02167                      369383.53
3809994.70        0.01864
         369865.16    3810163.19        0.08776                      369851.58
3810184.17        0.07030
         369837.99    3810205.16        0.05964                      369824.40
3810226.14        0.05256
         369676.32    3810175.79        0.03213                      369674.33
3810145.32        0.03256
         369672.33    3810114.85        0.03261                      369770.06
3810310.09        0.03731
         369582.02    3810193.09        0.02536                      369579.85
3810159.85        0.02548
         369577.68    3810126.61        0.02565                      369575.50
3810093.37        0.02576
         369715.71    3810394.03        0.03001                      369490.13
3810247.13        0.02104
         369488.01    3810214.63        0.02118                      369485.88
3810182.13        0.02130
         369483.75    3810149.63        0.02140                      369481.63
3810117.13        0.02146
         369479.50    3810084.63        0.02145                      369477.38
3810052.13        0.02156
         369661.36    3810477.97        0.02539                      369395.91
3810265.54        0.01817
         369393.69    3810231.68        0.01824                      369391.48
3810197.83        0.01833
         369389.26    3810163.97        0.01839                      369387.05
3810130.11        0.01845
         369384.84    3810096.26        0.01850                      369381.51
3810045.48        0.01849
         369607.02    3810561.91        0.02577                      369302.94
3810303.14        0.01602
         369300.77    3810269.90        0.01612                      369298.59
3810236.67        0.01626
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
         369747.51    3810490.49        0.02881                    369718.79
3810486.32        0.02765
         369690.08    3810482.14        0.02651                    370005.98
3810521.72        0.03874
         370005.06    3810619.75        0.03311                    369975.58
3810615.46        0.03235
         369946.09    3810611.18        0.03168                    369916.61
3810606.90        0.03104
         369887.12    3810602.61        0.03025                    369857.64
3810598.33        0.02940
         369828.15    3810594.04        0.02858                    369798.67
3810589.76        0.02778
         369769.18    3810585.48        0.02676                    369739.70
3810581.19        0.02586
         369710.21    3810576.91        0.02498                    369680.73
3810572.62        0.02425
         369651.24    3810568.34        0.02364                    370034.19
3810617.66        0.03410
         370033.45    3810715.71        0.02971                    370004.31
3810711.48        0.02923
         369975.17    3810707.24        0.02870                    369946.03
3810703.01        0.02820
         369916.90    3810698.78        0.02777                    369887.76
3810694.54        0.02723
         369858.62    3810690.31        0.02750                    369829.48
3810686.08        0.02767
         369800.34    3810681.84        0.02540                    369771.20
3810677.61        0.02451
         369742.07    3810673.38        0.02467                    369712.93
3810669.14        0.03070
         369683.79    3810664.91        0.03209                    369654.65
3810660.68        0.02726
         369625.51    3810656.44        0.02411                    369596.38
3810652.21        0.02654
         370062.40    3810713.60        0.03043                    369930.01
3810171.21        0.12020
         369915.70    3810246.99        0.06737                    369793.01
3810520.75        0.02981
         369735.76    3810604.68        0.02535                    369678.51
3810688.60        0.03495
         369711.22    3810703.26        0.03251                    369951.02
3810180.10        0.12156
         369974.71    3810185.52        0.12780                    370069.48
3810207.18        0.12555
         369969.14    3810209.89        0.10011                    369992.83
3810215.30        0.10281
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369987.26	3810239.68	0.08463	370010.95	3810245.09	0.08536
370034.64	3810250.51	0.08515	370058.34	3810255.92	0.08447
370005.38	3810269.46	0.07445	370029.07	3810274.88	0.07490
370052.76	3810280.30	0.07481	369935.71	3810356.12	0.04897
369959.40	3810361.53	0.05014	369983.10	3810366.95	0.05116
370006.79	3810372.36	0.05204	369871.12	3810441.96	0.03722
369913.43	3810453.60	0.03884	369937.12	3810459.02	0.03981
369960.81	3810464.43	0.04059	369984.50	3810469.85	0.04147
370008.19	3810475.27	0.04229	369848.84	3810539.44	0.03121
369891.14	3810551.09	0.03240	369914.83	3810556.50	0.03312
369938.53	3810561.92	0.03370	369962.22	3810567.33	0.03424
369985.91	3810572.75	0.03479	369826.55	3810636.93	0.02717
369789.33	3810624.47	0.02640	369868.86		

3810648.57 0.02817
369892.55 3810653.99 0.02866 369916.24
3810659.40 0.02910
369939.93 3810664.82 0.02940 369963.62
3810670.24 0.02978
369800.55 3810733.17 0.02599 369778.22
3810725.69 0.02401
369755.88 3810718.22 0.02358 369733.55
3810710.74 0.02514
369822.88 3810740.64 0.03176 369846.57
3810746.06 0.03086
369870.26 3810751.47 0.02570 369893.96
3810756.89 0.02570
369917.65 3810762.31 0.02597 369941.34
3810767.72 0.02631
370097.17 3810203.36 0.12784 370086.30
3810231.53 0.09871
370119.30 3810223.91 0.10380 370108.42
3810252.08 0.08817
370136.55 3810373.87 0.05896 370125.75
3810475.14 0.04734
370092.16 3810475.17 0.04597 370058.58
3810475.21 0.04454
370148.76 3810572.57 0.04007 370116.19
3810572.61 0.03908
370083.62 3810572.64 0.03809 370051.05
3810572.68 0.03708
370018.48 3810572.72 0.03600 370181.55
3810568.74 0.04128
370171.55 3810670.01 0.03484 370139.56
3810670.04 0.03416
370107.57 3810670.08 0.03344 370075.58
3810670.11 0.03266
370043.60 3810670.15 0.03186 370011.61
3810670.18 0.03106
370204.04 3810666.18 0.03572 370193.25
3810767.45 0.03087
370159.66 3810767.48 0.03263 370126.07
3810767.52 0.03162
370092.49 3810767.56 0.02939 370058.90
3810767.59 0.02826
370025.31 3810767.63 0.02765 369991.72
3810767.67 0.02700
370226.54 3810763.62 0.03126 369889.95
3810626.19 0.02953
369840.92 3810713.34 0.03114 370144.46
3810239.54 0.09420
370132.20 3810261.33 0.08516 370171.58
3810285.28 0.07870
370172.49 3810386.90 0.05879 370174.25

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370209.86   3810583.37   0.04100   370245.40
3810576.61   0.04242
         370032.52   3810649.52   0.03252   369996.88
3810643.69   0.03177
         369961.23   3810637.86   0.03098   369925.59
3810632.02   0.03033
         370228.55   3810681.61   0.03531   370264.09
3810674.85   0.03632
         370035.24   3810745.15   0.02863   369999.91
3810739.37   0.02811
         369964.58   3810733.58   0.02757   369929.25
3810727.80   0.02707
         369893.92   3810722.02   0.02663   370247.23
3810779.85   0.03073
         370282.77   3810773.09   0.03141   370197.71
3810206.90   0.11232

```
         370201.05    3810256.79        0.08849                    370202.72
3810281.74        0.08108
         370196.72    3810382.36        0.06053                    370210.76
3810782.32        0.03029
         370233.35    3810215.24        0.10861                    370261.27
3810183.94        0.13307
         370265.97    3810216.23        0.10824                    370284.63
3810232.88        0.10005
         370328.30    3810323.40        0.07782                    370294.33
3810340.00        0.07244
         370401.39    3810390.72        0.06825                    370327.27
3810426.95        0.06029
         370290.21    3810445.06        0.05679                    370433.88
3810366.01        0.07360
         370458.30    3810465.94        0.05866                    370422.07
3810483.65        0.05570
         370385.83    3810501.36        0.05277                    370331.48
3810527.93        0.04864
         370295.24    3810545.64        0.04617                    370522.46
3810416.93        0.06655
         370551.29    3810523.53        0.05257                    370497.65
3810549.75        0.04944
         370461.89    3810567.23        0.04736                    370426.13
3810584.71        0.04534
         370390.37    3810602.19        0.04338                    370354.61
3810619.67        0.04143
         370318.85    3810637.14        0.03961                    370283.09
3810654.62        0.03789
         370583.13    3810499.14        0.05563                    370625.26
3810590.42        0.04589
         370588.20    3810608.53        0.04435                    370551.14
3810626.65        0.04262
         370514.08    3810644.76        0.04126                    370477.02
3810662.87        0.03967
         370439.96    3810680.99        0.03815                    370402.91
3810699.10        0.03667
         370365.85    3810717.22        0.03523                    370328.79
3810735.33        0.03381
         370657.75    3810565.71        0.04810                    370310.12
3810228.19        0.10366
         370352.14    3810424.69        0.06142                    370419.69
3810508.14        0.05267
         370412.78    3810615.28        0.04265                    370450.01
3810603.44        0.04403
         370405.87    3810722.42        0.03530                    370443.10
3810710.57        0.03632
         370480.33    3810698.73        0.03725                    370315.59
3810145.14        0.16454
         370332.76    3810163.31        0.14359                    370365.16
3810167.10        0.14191
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370515.74	3810677.86	0.03885	370725.72	3810548.70	0.04912
370339.70	3810134.90	0.17819	370363.06	3810132.36	0.18203
370389.11	3810154.67	0.15514	370391.81	3810179.53	0.13468
370415.16	3810176.99	0.13837	370438.51		

3810174.45 0.14254
370417.86 3810201.84 0.12342 370441.21
3810199.30 0.12687
370405.32 3810303.80 0.08613 370452.02
3810298.72 0.08968
370439.47 3810400.67 0.06757 370462.82
3810398.13 0.06864
370450.28 3810500.09 0.05416 370473.63
3810497.55 0.05483
370484.43 3810596.96 0.04494 370469.75
3810120.80 0.20478
370475.10 3810170.51 0.14886 370477.78
3810195.37 0.13232
370488.48 3810294.79 0.09213 370499.18
3810394.22 0.06998
370509.88 3810493.65 0.05579 370520.59
3810593.07 0.04550
370549.62 3810690.52 0.03801 370336.44
3810228.20 0.10546
370169.71 3810339.59 0.06642 370090.78
3810401.00 0.05318
370029.62 3810485.25 0.04247 370526.89
3810167.63 0.15536
370500.67 3810191.77 0.13625 370526.05
3810192.62 0.13702
370499.83 3810216.75 0.12201 370525.21
3810217.60 0.12245
370399.31 3810267.15 0.09635 370377.72
3810256.14 0.09842
370356.13 3810245.13 0.10074 370496.49
3810316.70 0.08635
370521.87 3810317.55 0.08681 370482.34
3810411.14 0.06679
370395.97 3810367.09 0.07216 370374.37
3810356.08 0.07324
370352.78 3810345.07 0.07447 370277.20
3810306.53 0.07841
370400.22 3810470.91 0.05683 370377.82
3810459.49 0.05771
370355.43 3810448.07 0.05856 370299.44
3810419.53 0.06011
370277.05 3810408.11 0.06066 370489.79
3810516.59 0.05284
370397.53 3810571.19 0.04612 370375.30
3810559.86 0.04672
370353.07 3810548.52 0.04728 370308.61
3810525.85 0.04826
370286.38 3810514.52 0.04873 370253.04
3810497.52 0.04959
370499.13 3810616.95 0.04333 370394.61

3810671.36   0.03837
         370372.49   3810660.08   0.03887   370350.37
3810648.80   0.03933
         370295.07   3810620.60   0.04034   370272.95
3810609.32   0.04070
         370162.35   3810552.92   0.04183   370140.23
3810541.64   0.04192
         370118.11   3810530.36   0.04209   370095.99
3810519.08   0.04227
         370073.87   3810507.80   0.04242   370495.79
3810716.90   0.03623
         370547.88   3810133.53   0.19195   370567.34
3810109.84   0.23324
         370586.66   3810125.71   0.20391   370548.33
3810188.20   0.14049
         370593.81   3810190.35   0.13897   370554.92
3810211.72   0.12620
         370671.09   3810253.82   0.10657   370635.03
3810281.46   0.09774
         370596.14   3810302.83   0.09158   370566.43
3810308.72   0.08984
         370692.83   3810232.76   0.11398   370748.36
3810317.30   0.08604

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- - - -

```
         370658.98    3810145.90        0.16731                      370696.21
3810129.83        0.17311
         370631.66    3810184.93        0.13990                      370668.89
3810168.85        0.14779
         370706.12    3810152.78        0.15436                      370671.30
3810276.74        0.09883
         370708.53    3810260.66        0.10324                      370745.76
3810244.59        0.10760
         370729.56    3810360.51        0.07645                      370766.79
3810344.43        0.07919
         370769.20    3810452.31        0.06042                      370806.43
3810436.24        0.06197
         370808.84    3810544.12        0.04810                      370846.07
3810528.05        0.04894
         370867.09    3810627.89        0.03950                      370904.32
3810611.82        0.03967
         370683.34    3810079.43        0.23841                      370701.61
3810062.74        0.25224
         370719.87    3810046.06        0.26845                      370738.14
3810029.37        0.28285
         370756.41    3810012.68        0.30177                      370774.67
3809996.00        0.33480
         370700.20    3810097.89        0.20302                      370718.47
3810081.20        0.21535
         370736.73    3810064.51        0.22980                      370755.00
3810047.83        0.24480
         370773.27    3810031.14        0.26384                      370791.53
3810014.46        0.28976
         370717.06    3810116.34        0.17983                      370735.33
3810099.66        0.18997
         370753.60    3810082.97        0.20277                      370771.86
3810066.29        0.21805
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370790.13	3810049.60	0.23539	370808.39	3810032.91	0.25767
370733.93	3810134.80	0.16263	370752.19	3810118.12	0.17165
370770.46	3810101.43	0.18223	370788.72	3810084.74	0.19641
370806.99	3810068.06	0.21232	370825.26	3810051.37	0.23126
370782.83	3810220.62	0.11512	370819.64	3810191.95	0.12472
370837.90	3810175.26	0.13128	370856.17	3810158.58	0.13941
370874.43	3810141.89	0.14862	370892.70	3810125.20	0.15899
370852.13	3810293.25	0.08872	370818.77	3810314.82	0.08463
370887.08	3810265.78	0.09488	370905.35	3810249.09	0.09855
370923.61	3810232.41	0.10265	370941.88	3810215.72	0.10737
370960.15	3810199.04	0.11344	370917.72	3810368.28	0.06917
370880.65	3810392.25	0.06646	370843.58	3810416.22	0.06377
370954.53	3810339.61	0.07283	370972.79	3810322.92	0.07516
370991.06	3810306.24	0.07758	371009.33	3810289.55	0.07987
371027.59	3810272.87	0.08202	370983.85	3810442.97	0.05484
370963.99	3810455.81	0.05406	370944.12	3810468.65	0.05327
370924.26	3810481.49	0.05246	370904.40	3810494.33	0.05163
370884.54	3810507.17	0.05043	371003.71	3810430.13	0.05558
371021.97	3810413.44	0.05686	371040.24	3810396.76	0.05824
371058.50	3810380.07	0.05962	371076.77		

3810363.38   0.06093
         371095.04   3810346.70   0.06220   371052.62
3810515.94   0.04446
         371015.54   3810539.91   0.04336   370978.47
3810563.88   0.04180
         370941.40   3810587.85   0.04036   371089.42
3810487.27   0.04558
         371107.68   3810470.59   0.04636   371125.95
3810453.90   0.04714
         371144.22   3810437.22   0.04783   371162.48
3810420.53   0.04844
         370823.63   3810014.70   0.29061   370847.04
3810018.89   0.28557
         370870.44   3810023.07   0.28450   370893.85
3810027.26   0.27995
         370917.25   3810031.44   0.27717   370940.66
3810035.63   0.27662
         370964.07   3810039.81   0.26862   370987.47
3810044.00   0.25642
         371010.88   3810048.18   0.25013   370866.04
3810047.68   0.23686
         370889.45   3810051.87   0.23173   370912.86
3810056.05   0.22780
         370936.26   3810060.24   0.22577   370959.67
3810064.42   0.22352
         370983.07   3810068.61   0.21691   371006.48
3810072.79   0.21014
         370861.64   3810072.29   0.20602   370885.05
3810076.48   0.20110
         370908.46   3810080.66   0.19645   370931.86
3810084.85   0.19171
         370955.27   3810089.03   0.18856   370978.67
3810093.21   0.18506
         371002.08   3810097.40   0.17993   370833.84
3810092.72   0.18682
         370857.24   3810096.90   0.18263   370880.65
3810101.09   0.17749
         370904.06   3810105.27   0.17354   370927.46
3810109.46   0.16905
         370950.87   3810113.64   0.16438   370974.27
3810117.82   0.16051

YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370997.68	3810122.01	0.15684	370722.61	3810174.42	0.13838
370746.02	3810178.60	0.13419	370769.43	3810182.79	0.13082
370792.83	3810186.97	0.12794	370863.05	3810199.53	0.11876
370886.46	3810203.71	0.11550	370909.86	3810207.89	0.11253
370980.08	3810220.45	0.10234	370728.42	3810277.04	0.09760
370751.83	3810281.23	0.09569	370798.64	3810289.60	0.09179
370892.26	3810306.33	0.08360	370915.67	3810310.52	0.08137
370939.08	3810314.70	0.07907	370710.82	3810375.48	0.07377
370757.63	3810383.85	0.07150	370781.04	3810388.04	0.07017
370898.07	3810408.96	0.06309	370740.04	3810482.29	0.05679
370763.44	3810486.47	0.05580	370786.85	3810490.66	0.05472
370927.29	3810515.77	0.04836	370745.84	3810584.91	0.04529
370769.25	3810589.10	0.04461	370792.66	3810593.28	0.04377
370816.06	3810597.47	0.04274	371046.60	3810082.60	0.17825
371071.06	3810084.32	0.14179	371095.51	3810086.05	0.10552

```
         371119.96    3810087.78        0.08134                    371144.42
3810089.51        0.07033
         371044.84    3810107.53        0.15533                    371069.29
3810109.26        0.12071
         371093.75    3810110.99        0.08170                    371118.20
3810112.72        0.05968
         371142.66    3810114.45        0.05074                    371018.62
3810130.74        0.14801
         371043.08    3810132.47        0.13811                    371067.53
3810134.20        0.11441
         371091.99    3810135.93        0.07346                    371116.44
3810137.66        0.05091
         371140.89    3810139.38        0.04260                    370997.98
3810148.13        0.13805
         371041.32    3810157.41        0.12468                    371065.77
3810159.14        0.11686
         371090.22    3810160.87        0.08536                    371114.68
3810162.59        0.05359
         371139.13    3810164.32        0.04345                    370987.16
3810246.37        0.09306
         370964.51    3810237.31        0.09766                    370843.84
3810128.00        0.15953
         371009.81    3810255.43        0.08833                    371058.72
3810258.89        0.08257
         371083.17    3810260.62        0.08045                    371107.63
3810262.34        0.07752
         371132.08    3810264.07        0.07427                    370981.53
3810346.69        0.06978
         370820.51    3810267.98        0.09727                    370808.16
3810248.73        0.10404
         371002.76    3810355.18        0.06696                    371027.22
3810356.91        0.06517
         371125.03    3810363.82        0.05748                    370950.41
3810436.82        0.05699
         370729.65    3810302.74        0.09024                    370663.77
3810200.07        0.12891
         371020.17    3810456.66        0.05165                    371044.62
3810458.39        0.05039
         371069.08    3810460.12        0.04914                    370692.83
3810421.69        0.06606
         370680.16    3810401.95        0.06944                    370629.48
3810322.98        0.08605
         371037.57    3810558.14        0.04051                    371062.03
3810559.87        0.04007
         371086.48    3810561.60        0.03923                    371110.94
3810563.33        0.03846
         370958.96    3810645.38        0.03550                    370936.31
3810636.32        0.03678
         370687.13    3810536.66        0.05092                    370664.47
3810527.60        0.05211
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370589.11	3810436.41	0.06400	370483.70	3810272.14	0.09900
370981.62	3810654.44	0.03202	371006.07	3810656.17	0.02887
371030.53	3810657.89	0.02855	371054.98	3810659.62	0.02934
371079.43	3810661.35	0.02967	371103.89	3810663.08	0.02902
371167.52	3810080.61	0.07573	371165.45	3810108.66	0.05173
371178.88	3810129.75	0.03830	371191.23	3810151.11	0.02992
371165.18	3810157.71	0.03325	371244.97	3810235.44	0.02112
371218.92	3810242.05	0.02961	371192.87	3810248.66	0.05228
371166.82	3810255.26	0.06407	371298.70	3810319.78	0.04361
371272.65	3810326.39	0.04767	371246.60	3810332.99	0.05234
371220.55	3810339.60	0.05352	371194.50		

3810346.21 0.05450
371168.45 3810352.81 0.05555 371352.12
3810404.20 0.03952
371325.10 3810411.05 0.04046 371298.09
3810417.90 0.04135
371271.07 3810424.75 0.04218 371244.06
3810431.60 0.04305
371217.04 3810438.45 0.04389 371190.03
3810445.30 0.04464
371163.01 3810452.16 0.04546 371405.92
3810488.51 0.03254
371379.10 3810495.32 0.03319 371352.29
3810502.12 0.03383
371325.47 3810508.92 0.03447 371298.65
3810515.72 0.03507
371271.84 3810522.52 0.03569 371245.02
3810529.32 0.03628
371218.20 3810536.12 0.03683 371191.39
3810542.92 0.03739
371164.57 3810549.72 0.03786 371137.75
3810556.53 0.03824
371459.70 3810572.84 0.02741 371433.01
3810579.61 0.02792
371406.33 3810586.37 0.02835 371379.64
3810593.14 0.02870
371352.96 3810599.91 0.02919 371326.27
3810606.68 0.02949
371299.58 3810613.45 0.03007 371272.90
3810620.21 0.03057
371246.21 3810626.98 0.03075 371219.53
3810633.75 0.03045
371192.84 3810640.52 0.02990 371166.15
3810647.29 0.03012
371139.47 3810654.05 0.03004 371179.09
3810059.53 0.09766
371201.01 3810071.55 0.07874 371189.44
3810092.64 0.05328
371204.09 3810042.27 0.12898 371226.01
3810071.55 0.07752
371211.36 3810104.66 0.04611 371229.09
3810042.27 0.11224
371249.98 3810075.56 0.07282 371230.45
3810119.71 0.04064
371254.09 3810042.27 0.10356 371349.98
3810075.56 0.04484
371341.76 3810107.63 0.04237 371333.55
3810139.69 0.03830
371318.13 3810167.80 0.02927 371295.50
3810191.96 0.02070
371272.87 3810216.12 0.01924 371354.09

3810042.27   0.06537
         371449.98   3810075.56   0.04718   371441.76
3810107.63   0.04555
         371433.55   3810139.69   0.03809   371425.33
3810171.75   0.02806
         371405.80   3810215.90   0.01972   371383.17
3810240.06   0.01770
         371360.55   3810264.22   0.01897   371337.92
3810288.38   0.02139

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371454.09   3810042.27   0.05121   371549.98
3810075.56   0.03752
         371541.76   3810107.63   0.03165   371533.55
3810139.69   0.02377
         371525.33   3810171.75   0.01872   371517.11
3810203.82   0.01327
         371508.90   3810235.88   0.01460   371493.47
3810263.99   0.02077
         371470.85   3810288.15   0.02834   371448.22
3810312.31   0.03789
         371425.60   3810336.47   0.03854   371402.97
3810360.63   0.03743

```
         371380.35    3810384.79        0.03926                    371554.09
3810042.27        0.03842
         371649.98    3810075.56        0.02624                    371641.76
3810107.63        0.02689
         371633.55    3810139.69        0.02367                    371625.33
3810171.75        0.01815
         371617.11    3810203.82        0.01208                    371608.90
3810235.88        0.01136
         371600.68    3810267.95        0.01660                    371581.15
3810312.09        0.01672
         371558.52    3810336.25        0.01915                    371535.90
3810360.41        0.02693
         371513.27    3810384.57        0.03165                    371490.65
3810408.73        0.03275
         371468.02    3810432.89        0.03265                    371445.39
3810457.05        0.03248
         371654.09    3810042.27        0.02184                    371749.98
3810075.56        0.02129
         371741.76    3810107.63        0.01971                    371733.55
3810139.69        0.02017
         371725.33    3810171.75        0.01641                    371717.11
3810203.82        0.01148
         371708.90    3810235.88        0.01180                    371700.68
3810267.95        0.01815
         371692.46    3810300.01        0.02227                    371684.24
3810332.07        0.02558
         371668.82    3810360.18        0.02437                    371646.20
3810384.34        0.02652
         371623.57    3810408.50        0.02760                    371600.95
3810432.66        0.02764
         371578.32    3810456.82        0.02773                    371555.69
3810480.98        0.02768
         371533.07    3810505.14        0.02759                    371510.44
3810529.30        0.02747
         371487.82    3810553.46        0.02729                    371754.09
3810042.27        0.01868
         371146.62    3810066.13        0.11833                    371094.34
3810233.14        0.08626
         371064.47    3810328.57        0.06753                    371046.09
3810427.60        0.05390
         371004.72    3810519.44        0.04578                    370974.84
3810614.87        0.03717
         371119.52    3810240.49        0.07988                    371073.44
3810435.11        0.05168
         371100.77    3810441.58        0.04962                    371064.07
3810535.66        0.04228
         371017.11    3810626.92        0.03412                    371041.03
3810632.97        0.03291
         371219.95    3810008.48        0.15991                    371220.98
3809985.98        0.17205
```

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         371222.00    3809963.48        0.18074                      371223.03
3809940.98        0.18745
         371224.06    3809918.48        0.19190                      371225.08
3809895.98        0.19510
         371244.92    3810009.62        0.13082                      371245.95
3809987.12        0.14085
         371246.98    3809964.62        0.14782                      371248.00
3809942.12        0.15328
         371249.03    3809919.62        0.15765                      371250.06
3809897.12        0.16110
         371269.90    3810010.76        0.11317                      371270.92
3809988.26        0.11999
         371271.95    3809965.76        0.12555                      371272.98
3809943.26        0.12997
         371274.00    3809920.76        0.13399                      371275.03
3809898.26        0.13729
         371282.90    3810075.72        0.07913                      371263.07
3810113.35        0.06008
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         371211.52    3810140.91        0.03219                      371293.84
3810034.40        0.09268
         371294.87    3810011.90        0.09958                      371295.90
```

3809989.40 0.10503
371296.92 3809966.90 0.10935 371297.95
3809944.40 0.11291
371298.98 3809921.90 0.11630 371300.01
3809899.40 0.11884
371382.80 3810080.28 0.04274 371362.96
3810117.91 0.02866
371323.29 3810193.18 0.01906 371393.74
3810038.96 0.06042
371394.77 3810016.46 0.06632 371395.79
3809993.96 0.06862
371396.82 3809971.46 0.07058 371397.85
3809948.96 0.07125
371398.87 3809926.46 0.07148 371399.90
3809903.96 0.07219
371482.69 3810084.84 0.03780 371462.86
3810122.47 0.03112
371423.19 3810197.74 0.02094 371383.52
3810273.01 0.02224
371144.63 3810339.90 0.05909 371493.64
3810043.52 0.04585
371494.66 3810021.02 0.04769 371495.69
3809998.52 0.04890
371496.72 3809976.02 0.04899 371497.74
3809953.52 0.04780
371498.77 3809931.02 0.04496 371499.80
3809908.52 0.03922
371582.59 3810089.40 0.03391 371562.75
3810127.03 0.02705
371443.75 3810352.84 0.03612 371225.67
3810415.36 0.04539
371593.53 3810048.08 0.02981 371594.56
3810025.58 0.02613
371595.59 3810003.08 0.02839 371596.61
3809980.58 0.02857
371597.64 3809958.08 0.02804 371598.67
3809935.58 0.02715
371599.69 3809913.08 0.03070 371681.96
3810094.95 0.02507
371661.08 3810134.56 0.02191 371514.94
3810411.87 0.03160
371504.50 3810431.67 0.03127 371472.15
3810456.08 0.03150
371362.59 3810479.08 0.03465 371296.85
3810492.89 0.03647
371253.03 3810502.09 0.03764 371209.21
3810511.29 0.03877
371165.38 3810520.49 0.03986 371121.56
3810529.69 0.04081
371693.43 3810052.64 0.02370 371694.45

```
3810030.14        0.02150
         371695.48    3810007.64        0.01982                      371696.51
3809985.14        0.01717
         371697.54    3809962.64        0.01396                      371698.56
3809940.14        0.01222
         371699.59    3809917.64        0.01262                      371781.95
3810099.34        0.01505
         371761.25    3810138.61        0.01753                      371668.12
3810315.32        0.02631
         371564.64    3810511.67        0.02644                      371532.57
3810535.87        0.02661
         371445.68    3810554.11        0.02848                      371402.24
3810563.23        0.02943
         371358.80    3810572.35        0.03031                      371315.36
3810581.48        0.03109
         371271.91    3810590.60        0.03178                      371228.47
3810599.72        0.03283
         371185.03    3810608.84        0.03274                      371141.58
3810617.96        0.03250
         371098.14    3810627.08        0.03316                      371793.32
3810057.20        0.01844
         371794.35    3810034.70        0.01840                      371795.38
3810012.20        0.01662
         371796.40    3809989.70        0.01415                      371797.43
3809967.20        0.01220
         371798.46    3809944.70        0.01175                      371799.49
3809922.20        0.01188
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371214.78	3809870.57	0.21748	371243.11	3809869.32	0.17359
371229.45	3809846.30	0.19146	371267.21	3809866.99	0.14796
371257.78	3809845.06	0.15861	371288.89	3809854.93	0.12618
371294.45	3809877.16	0.12510	371279.28	3809832.30	0.12747
371375.20	3809805.13	0.06547	371381.37	3809829.84	0.07195
371387.55	3809854.55	0.07599	371393.73	3809879.25	0.07587
371365.28	3809781.27	0.05608	371461.31	3809754.57	0.02988
371467.73	3809780.23	0.02577	371474.14	3809805.89	0.02962
371480.56	3809831.55	0.02826	371486.97	3809857.21	0.02832
371493.38	3809882.86	0.03307	371451.28	3809730.24	0.03854
371547.19	3809703.07	0.02219	371553.37	3809727.78	0.02520
371559.55	3809752.48	0.02981	371565.72	3809777.19	0.03295
371571.90	3809801.90	0.03242	371578.08	3809826.61	0.03058
371584.25	3809851.31	0.02761	371590.43	3809876.02	0.02678
371537.28	3809679.20	0.02030	371633.26	3809652.32	0.01366
371639.58	3809677.59	0.01411	371645.90	3809702.86	0.01474
371652.21	3809728.12	0.01720	371658.53	3809753.39	0.01985
371664.85	3809778.66	0.02020	371671.16	3809803.93	0.01646
371677.48	3809829.20	0.01490	371683.80	3809854.47	0.01615
371690.11	3809879.74	0.01702	371623.27	3809628.17	0.01344
371719.31	3809601.48	0.01081	371725.72	3809627.14	0.01217
371732.14	3809652.80	0.01063	371738.55	3809678.45	0.01159

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         371744.97    3809704.11        0.01192                      371751.38
3809729.77        0.01155
         371757.79    3809755.43        0.01060                      371764.21
3809781.08        0.00949
         371770.62    3809806.74        0.00862                      371777.04
3809832.40        0.00879
         371783.45    3809858.06        0.00950                      371789.86
3809883.72        0.01056
         371709.27    3809577.14        0.01017                      371346.42
3809991.86        0.08381
         371426.40    3810051.89        0.05633                      371506.38
3810111.91        0.03136
         371586.37    3810171.93        0.01741                      371666.35
3810231.95        0.01281
         371225.42    3809816.25        0.15798                      371228.18
3809792.75        0.16276
         371230.94    3809769.26        0.15900                      371233.69
3809745.77        0.14729
         371236.45    3809722.27        0.14844                      371250.25
3809819.16        0.15676
         371253.01    3809795.67        0.14624                      371255.77
3809772.17        0.12302
         371258.52    3809748.68        0.09431                      371261.28
3809725.19        0.07400
         371277.84    3809798.58        0.12131                      371280.60
3809775.09        0.11240
         371283.35    3809751.59        0.08845                      371286.11
3809728.10        0.06776
         371302.67    3809801.49        0.08302                      371305.43
3809778.00        0.07744
         371308.18    3809754.51        0.07190                      371310.94
3809731.01        0.05237
         371370.51    3809941.67        0.08173                      371401.99
3809813.15        0.06913
         371404.74    3809789.65        0.06282                      371407.50
3809766.16        0.06087
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         371410.26    3809742.67        0.05653                      371476.46
3809936.74        0.05232
         371459.89    3809978.20        0.05568                      371443.32
3810019.66        0.05619
         371504.06    3809801.31        0.02942                      371506.82
3809777.81        0.02663
         371509.58    3809754.32        0.02120                      371575.17
3809949.93        0.03085
         371566.57    3809971.43        0.03279                      371557.98
3809992.92        0.03758
         371549.39    3810014.42        0.03936                      371532.20
3810057.41        0.04061
         371523.61    3810078.91        0.03608                      371603.38
3809812.96        0.02612
         371606.14    3809789.47        0.02619                      371608.89
3809765.98        0.02148
         371667.50    3809979.05        0.01475                      371651.39
3810019.36        0.01874
         371627.22    3810079.82        0.02964                      371611.11
3810120.12        0.02736
         371702.70    3809824.62        0.01224                      371705.46
3809801.12        0.01146
         371708.21    3809777.63        0.01174                      371774.42
3809971.70        0.01177
         371757.85    3810013.16        0.01491                      371716.41
3810116.81        0.02221
         371699.84    3810158.27        0.01538                      371683.27
3810199.72        0.01145
         371802.02    3809836.27        0.00877                      371804.78
3809812.78        0.00811
         371807.53    3809789.28        0.00808                      371241.61
3809695.52        0.13897
         371238.97    3809652.85        0.18605                      371236.33
3809610.18        0.19177
         371233.69    3809567.51        0.19210                      371266.56
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3809693.97        0.10258
         371263.92    3809651.30        0.15484                      371261.28
3809608.63        0.16055
         371258.64    3809565.96        0.15548                      371291.52
3809692.43        0.09736
         371288.88    3809649.76        0.11089                      371286.24
3809607.09        0.13039
         371283.60    3809564.42        0.12460                      371315.33
3809704.99        0.06316
         371315.15    3809669.55        0.06940                      371312.51
3809626.88        0.08813
         371309.87    3809584.21        0.10361                      371414.77
3809703.52        0.03617
         371414.96    3809663.37        0.02705                      371412.32
3809620.70        0.03122
         371409.68    3809578.03        0.03282                      371514.39
3809699.70        0.01852
         371514.77    3809657.20        0.01714                      371512.13
3809614.53        0.01761
         371509.49    3809571.86        0.01775                      371614.38
3809691.17        0.01895
         371611.36    3809728.80        0.01777                      371611.94
3809608.35        0.01317
         371609.30    3809565.68        0.01241                      371714.08
3809686.34        0.01380
         371710.84    3809726.66        0.01331                      371707.79
3809538.17        0.01017
         371813.81    3809681.17        0.00820                      371810.41
3809723.50        0.00860
         371807.01    3809765.83        0.00834                      371814.19
3809638.67        0.00807
         371811.55    3809596.00        0.00829                      371808.91
3809553.33        0.00794
         371220.42    3809538.97        0.20947                      371200.28
3809503.49        0.24666
         371252.23    3809544.37        0.16231                      371232.09
3809508.89        0.18167
         371273.97    3809532.04        0.11933                      371253.84
3809496.56        0.13880
         371299.99    3809534.09        0.07997                      371285.65
3809501.96        0.10255
         371265.51    3809466.48        0.09431                      371387.82
3809487.61        0.03156
         371398.09    3809522.16        0.03194                      371372.62
3809452.60        0.03774
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       11:11:23
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371352.49	3809417.12	0.04129	371475.16	3809439.50	0.02984
371486.16	3809476.50	0.03198	371497.16	3809513.51	0.02384
371459.59	3809403.25	0.03145	371439.46	3809367.77	0.04457
371562.34	3809390.83	0.01764	371573.75	3809429.21	0.01630
371585.16	3809467.59	0.01538	371596.57	3809505.97	0.01436
371546.56	3809353.90	0.01783	371526.43	3809318.42	0.02166
371648.95	3809340.27	0.02134	371659.65	3809376.26	0.01599
371670.35	3809412.24	0.01507	371681.04	3809448.22	0.01445
371691.74	3809484.20	0.01184	371633.54	3809304.54	0.02537
371613.40	3809269.06	0.02734	371736.08	3809291.44	0.01433
371747.08	3809328.45	0.01234	371758.08	3809365.46	0.01108
371769.09	3809402.46	0.00959	371780.09	3809439.47	0.00896
371791.09	3809476.48	0.00844	371802.09	3809513.49	0.00807

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         371720.51    3809255.19        0.01619                    371700.38
3809219.71        0.02019
         371213.90    3809479.62        0.19252                    371371.98
3809566.64        0.04670
         371468.70    3809592.05        0.02085                    371479.88
3809549.49        0.01961
         371565.41    3809617.46        0.01740                    371576.59
3809574.90        0.01404
         371662.13    3809642.86        0.01261                    371673.31
3809600.30        0.01121
         371758.85    3809668.27        0.00993                    371770.03
3809625.71        0.00988
         371231.90    3809459.40        0.11940                    371348.34
3809595.09        0.07595
         371438.82    3809641.46        0.02960                    371240.09
3809428.48        0.07253
         371246.85    3809388.73        0.05589                    371264.74
3809432.67        0.06418
         371271.50    3809392.92        0.04459                    371286.01
3809456.74        0.07019
         371292.76    3809416.99        0.04631                    371299.52
3809377.24        0.03599
         371304.23    3809475.64        0.07471                    371314.03
3809441.05        0.04792
         371320.79    3809401.30        0.03651                    371409.24
3809477.68        0.03038
         371416.00    3809437.93        0.04179                    371422.75
3809398.18        0.04649
         371511.21    3809474.56        0.02664                    371517.96
3809434.81        0.02023
         371598.70    3809528.85        0.01395                    371544.72
3809652.49        0.01921
         371613.17    3809471.43        0.01716                    371619.93
3809431.68        0.01814
         371688.94    3809564.74        0.01030                    371708.38
3809508.06        0.01072
         371715.14    3809468.31        0.01129                    371788.17
3809580.02        0.00865
         371813.72    3809485.07        0.00804                    371225.14
3809339.67        0.06351
         371181.23    3809340.45        0.14261                    371137.32
3809341.23        0.21226
         371244.09    3809323.38        0.05142                    371269.18
3809352.56        0.04182
         371202.74    3809315.07        0.08195                    371158.83
3809315.85        0.15181
         371243.65    3809298.38        0.05564                    371288.14
3809336.26        0.04077
         371202.29    3809290.07        0.06805                    371158.38
3809290.85        0.10343
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371201.85	3809265.08	0.06232	371157.94	3809265.86	0.07385
371241.43	3809173.40	0.06605	371280.23	3809190.80	0.06142
371319.03	3809208.19	0.05742	371357.84	3809225.59	0.05371
371382.93	3809254.77	0.05163	371394.31	3809295.75	0.05207
371405.68	3809336.72	0.05103	371200.07	3809165.09	0.07122
371156.16	3809165.87	0.07847	371239.65	3809073.42	0.05351
371278.46	3809090.81	0.05041	371317.26	3809108.21	0.04834
371356.06	3809125.60	0.04604	371394.86	3809143.00	0.04333
371433.66	3809160.40	0.03920	371458.76		

3809189.58 0.03857
371470.13 3809230.55 0.03978 371481.51
3809271.53 0.03974
371492.89 3809312.50 0.02873 371504.27
3809353.47 0.02178
371515.65 3809394.44 0.01912 371198.30
3809065.11 0.05547
371154.39 3809065.89 0.05934 371237.88
3808973.43 0.04329
371276.68 3808990.83 0.03570 371315.48
3809008.22 0.03823
371354.28 3809025.62 0.03588 371393.09
3809043.02 0.02883
371431.89 3809060.41 0.03324 371470.69
3809077.81 0.03359
371509.49 3809095.20 0.03152 371534.58
3809124.39 0.03009
371545.96 3809165.36 0.03098 371557.34
3809206.33 0.03129
371568.72 3809247.31 0.03108 371580.10
3809288.28 0.03008
371591.48 3809329.25 0.02531 371602.86
3809370.22 0.02312
371196.52 3808965.12 0.04489 371152.61
3808965.90 0.04850
371236.10 3808873.45 0.03548 371274.90
3808890.84 0.03446
371313.71 3808908.24 0.03424 371352.51
3808925.64 0.03285
371391.31 3808943.03 0.02539 371430.11
3808960.43 0.02452
371468.92 3808977.82 0.02844 371507.72
3808995.22 0.02499
371546.52 3809012.62 0.02270 371585.32
3809030.01 0.02410
371610.41 3809059.20 0.02475 371621.79
3809100.17 0.02506
371633.17 3809141.14 0.02515 371644.55
3809182.11 0.02485
371655.93 3809223.09 0.01861 371667.31
3809264.06 0.01691
371678.69 3809305.03 0.01715 371690.07
3809346.01 0.01635
371701.44 3809386.98 0.01283 371712.82
3809427.95 0.01208
371194.74 3808865.14 0.03680 371150.83
3808865.92 0.03931
371234.32 3808773.46 0.02949 371273.13
3808790.86 0.02898
371311.93 3808808.25 0.02854 371350.73

3808825.65   0.02869
         371389.53   3808843.05   0.02540   371428.34
3808860.44   0.02182
         371467.14   3808877.84   0.01736   371505.94
3808895.24   0.01889
         371544.74   3808912.63   0.01526   371583.55
3808930.03   0.01803
         371622.35   3808947.42   0.01886   371661.15
3808964.82   0.02041
         371686.24   3808994.00   0.02075   371697.62
3809034.98   0.02069
         371709.00   3809075.95   0.02051   371720.38
3809116.92   0.02048

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371731.76   3809157.90   0.02033   371743.14
3809198.87   0.01959
         371754.52   3809239.84   0.01695   371765.89
3809280.81   0.01457
         371777.27   3809321.79   0.01247   371788.65
3809362.76   0.01069
         371800.03   3809403.73   0.00937   371811.41
3809444.70   0.00843

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         371192.97    3808765.15        0.03012                    371149.06
3808765.93        0.03225
         371114.74    3809341.85        0.22697                    371070.05
3809343.06        0.25969
         371025.36    3809344.27        0.29414                    371114.06
3809316.86        0.18893
         371069.37    3809318.07        0.20554                    371024.69
3809319.28        0.18279
         371135.72    3809291.26        0.12196                    371091.04
3809292.47        0.14593
         371046.35    3809293.68        0.11564                    371001.66
3809294.90        0.13250
         371135.05    3809266.27        0.07992                    371090.36
3809267.48        0.09308
         371045.67    3809268.69        0.10142                    371000.99
3809269.91        0.13318
         371132.33    3809166.30        0.08273                    371087.64
3809167.52        0.09178
         371042.96    3809168.73        0.10137                    370998.27
3809169.94        0.11642
         371129.62    3809066.34        0.06146                    371084.93
3809067.55        0.06895
         371040.24    3809068.77        0.07589                    370995.56
3809069.98        0.08290
         371126.90    3808966.38        0.05061                    371082.22
3808967.59        0.05453
         371037.53    3808968.80        0.05798                    370992.84
3808970.02        0.06443
         371124.19    3808866.41        0.04089                    371079.50
3808867.63        0.04365
         371034.82    3808868.84        0.04680                    370990.13
3808870.05        0.05193
         371121.47    3808766.45        0.03324                    371076.79
3808767.66        0.03568
         371032.10    3808768.88        0.03856                    370987.41
3808770.09        0.04320
         371028.69    3809369.08        0.38076                    371053.68
3809368.30        0.35259
         371078.66    3809367.51        0.32916                    371103.65
3809366.72        0.30819
         371203.60    3809363.57        0.11030                    371601.97
3809305.59        0.02749
         370967.46    3809295.55        0.20689                    371023.31
3809282.64        0.11184
         370970.16    3809270.70        0.15527                    371026.01
3809257.79        0.11926
         370991.61    3809247.88        0.13728                    370954.11
3809243.81        0.15452
         371028.71    3809232.93        0.11565                    371060.00
3809248.67        0.09642
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         370994.31    3809223.03        0.12911                      370956.81
3809218.95        0.14478
         371039.51    3809133.52        0.09361                      371070.79
3809149.25        0.08940
         371155.65    3809204.78        0.08661                      371168.94
3809237.18        0.07865
         371005.11    3809123.61        0.09501                      370967.60
3809119.54        0.10187
         371050.30    3809034.10        0.06817                      371159.81
3809089.17        0.06219
         371191.09    3809104.90        0.06163                      371229.02
3809136.84        0.06335
         371255.60    3809201.63        0.06758                      371268.89
3809234.03        0.06946
         371282.19    3809266.43        0.06160                      371015.91
3809024.20        0.06982
         370978.40    3809020.12        0.07558                      371062.14
3808935.21        0.05143
         371178.95    3808993.95        0.04933                      371212.32
3809010.73        0.04824
         371245.69    3809027.51        0.04772                      371279.06
3809044.30        0.04645
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                 PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

	371302.84	3809069.97	0.04720	371331.19	3809139.09	0.05063
	371345.37	3809173.65	0.05141	371026.70	3808924.78	0.05260
	370989.20	3808920.71	0.05825	371072.72	3808835.68	0.04118
	371105.65	3808852.25	0.04091	371171.52	3808885.37	0.03970
	371204.45	3808901.93	0.03913	371237.38	3808918.49	0.03838
	371270.32	3808935.05	0.03781	371303.25	3808951.62	0.03649
	371336.18	3808968.18	0.03210	371376.11	3809001.79	0.02731
	371404.09	3809070.00	0.03087	371418.08	3809104.11	0.03850
	371037.50	3808825.37	0.04343	370999.99	3808821.29	0.04644
	371083.37	3808736.20	0.03228	371181.31	3808785.45	0.03164
	371213.96	3808801.87	0.03187	371246.61	3808818.28	0.03140
	371279.25	3808834.70	0.03090	371311.90	3808851.12	0.03049
	371344.55	3808867.54	0.02751	371377.19	3808883.96	0.02355
	371409.84	3808900.37	0.02094	371449.42	3808933.70	0.02471
	371477.16	3809001.31	0.02998	371491.03	3809035.12	0.02946
	371504.89	3809068.93	0.03071	371048.30	3808725.95	0.03298
	371010.79	3808721.88	0.03258	371130.62	3809235.69	0.07599
	371235.07	3809238.10	0.07548	371226.97	3809208.93	0.07345
	371323.33	3809182.18	0.05478	371427.78	3809184.59	0.04142
	371524.13	3809157.83	0.03204	370932.62	3809258.34	0.16998
	370899.12	3809241.05	0.20642	370927.34	3809227.48	0.15052
	370938.80	3809205.26	0.14776	370983.77	3809200.33	0.12528
	370950.27	3809183.05	0.13607	371096.95	3809194.28	0.09117
	371029.62	3809111.47	0.08575	370996.12	3809094.18	0.08849
	371087.13	3809036.94	0.06443	371133.75		

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3809094.27        0.06567
         371157.05    3809122.93        0.06924                        371180.36
3809151.60        0.07218
         371041.98    3809005.32        0.06338                        371204.51
3809036.03        0.05110
         371252.04    3809094.49        0.05476                        371275.80
3809123.72        0.05470
         371299.56    3809152.95        0.05572                        371121.34
3808933.74        0.04739
         371087.84    3808916.45        0.04783                        371247.53
3808943.68        0.03990
         371327.87    3809042.49        0.04199                        371350.82
3809070.73        0.04133
         371373.77    3809098.96        0.04005                        371167.19
3808844.87        0.03679
         371133.69    3808827.58        0.03722                        371317.93
3808885.00        0.03254
         371387.85    3808971.00        0.02665                        371411.16
3808999.67        0.02612
         371434.46    3809028.33        0.03116                        371457.77
3809057.00        0.03350
         371179.55    3808738.72        0.02945                        370867.46
3809234.56        0.24757
         370843.15    3809230.50        0.28311                        370895.89
3809213.95        0.18531
         370871.58    3809209.90        0.20670                        370900.00
3809189.29        0.16142
         370875.69    3809185.24        0.17774                        370918.81
3809169.52        0.14172
         370879.80    3809160.58        0.15662                        370940.17
3809072.51        0.09223
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                  PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370896.26	3809061.94	0.10458	370959.07	3808974.69	0.07144
370937.02	3808967.36	0.07448	371012.28	3808888.26	0.05113
371051.48	3808901.29	0.04909	371011.93	3808784.04	0.04220
371053.94	3808798.00	0.03970	371095.94	3808811.96	0.03791
370945.62	3808766.03	0.04652	370921.31	3808761.97	0.04929
371008.43	3808678.78	0.02671	371030.48	3808686.10	0.02791
371052.54	3808693.43	0.03017	371074.59	3808700.76	0.03058
371096.64	3808708.09	0.03088	371118.69	3808715.42	0.03070
371140.75	3808722.75	0.03007	370986.38	3808671.45	0.02959
370962.07	3808667.39	0.03073	370937.76	3808663.34	0.03047
371339.04	3809255.16	0.05877	371439.04	3809255.16	0.04427
370908.89	3809261.42	0.20687	371333.84	3809341.70	0.03610
371397.80	3809452.69	0.03846	370889.69	3809134.21	0.13225
370883.21	3809090.99	0.11769	370876.73	3809047.77	0.11813
370914.42	3809130.50	0.11808	370907.93	3809087.28	0.10165
370898.21	3809022.45	0.09684	370942.38	3809148.40	0.12016
370935.90	3809105.18	0.10182	370926.17	3809040.35	0.08676
370965.18	3809161.78	0.12149	370950.90	3809036.65	0.08425
371059.08	3809191.38	0.10225	371062.76	3809108.25	0.08001
371151.92	3809028.59	0.05565	371259.17	3809141.21	0.05907

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         371257.30    3809056.97        0.05000                      371355.47
3809149.44        0.04853
         371338.65    3809298.98        0.05212                      371349.71
3808998.92        0.03262
         371456.96    3809111.54        0.03616                      371445.42
3809214.07        0.04153
         371436.20    3809296.10        0.04654                      371431.58
3809337.12        0.04770
         371451.85    3809005.69        0.03124                      370877.58
3809012.03        0.11107
         370881.83    3808989.54        0.10435                      370890.34
3808944.56        0.09084
         370894.60    3808922.07        0.08441                      370898.85
3808899.59        0.07846
         370914.91    3808949.21        0.07577                      370919.16
3808926.72        0.07266
         370923.42    3808904.23        0.06870                      370931.93
3808859.26        0.05813
         370930.96    3808998.84        0.07981                      370943.73
3808931.37        0.06860
         370947.98    3808908.88        0.06403                      370956.49
3808863.90        0.05388
         370955.53    3809003.48        0.07688                      370968.29
3808936.02        0.06447
         370976.80    3808891.04        0.05677                      371173.32
3808928.22        0.04338
         371267.32    3808969.30        0.03870                      371344.30
3809100.33        0.04425
         371459.58    3809028.97        0.03233                      370904.45
3808837.47        0.06768
         370892.30    3808816.40        0.07280                      370880.14
3808795.33        0.08023
         370926.11    3808824.98        0.05664                      370913.95
3808803.91        0.05813
         370901.80    3808782.84        0.06006                      370950.67
3808829.62        0.05140
         370935.61    3808791.41        0.05113                      370973.30
3808822.84        0.04887
         370977.18    3808845.70        0.05021                      370969.42
3808799.99        0.04774
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
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INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371056.04	3808750.02	0.03493	371158.18	3808791.46	0.03311
371162.05	3808814.32	0.03466	371142.66	3808700.05	0.02906
371130.50	3808678.98	0.02844	371118.35	3808657.91	0.02731
371233.16	3808672.93	0.02448	371237.04	3808695.79	0.02546
371240.92	3808718.64	0.02646	371244.80	3808741.49	0.02741
371264.19	3808855.76	0.03305	371229.28	3808650.08	0.02361
371217.12	3808629.01	0.02324	371204.97	3808607.94	0.02297
371319.78	3808622.96	0.02074	371323.66	3808645.82	0.02136
371327.54	3808668.67	0.02211	371331.42	3808691.52	0.02286
371335.29	3808714.38	0.02364	371339.17	3808737.23	0.02443
371343.05	3808760.09	0.02547	371346.93	3808782.94	0.02627
371315.90	3808600.11	0.02019	371303.74	3808579.04	0.01971
371291.59	3808557.97	0.01925	371406.40	3808572.99	0.01759
371410.28	3808595.85	0.01822	371414.16	3808618.70	0.01885
371418.04	3808641.55	0.01934	371421.91	3808664.41	0.01998
371425.79	3808687.26	0.02057	371429.67		

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3808710.12        0.02113
         371433.55    3808732.97        0.02174                        371437.43
3808755.82        0.02206
         371441.31    3808778.68        0.02111                        371445.19
3808801.53        0.01966
         371449.07    3808824.38        0.01903                        371452.95
3808847.24        0.01907
         371464.58    3808915.80        0.02121                        371402.52
3808550.14        0.01705
         371390.36    3808529.07        0.01675                        371378.21
3808508.00        0.01643
         370877.65    3808756.30        0.06834                        370874.81
3808731.98        0.05839
         370871.97    3808707.67        0.04681                        370899.64
3808729.09        0.04704
         370896.80    3808704.77        0.04029                        370924.47
3808726.19        0.04190
         370921.63    3808701.88        0.03700                        370949.30
3808723.29        0.03983
         370946.47    3808698.98        0.03628                        371255.79
3808761.45        0.02804
         371448.77    3808689.64        0.02011                        371445.93
3808665.33        0.01951
         371443.09    3808641.02        0.01890                        370845.48
3808685.63        0.04049
         370821.17    3808687.25        0.04003                        370861.47
3808666.41        0.03220
         370859.81    3808641.46        0.02728                        370903.95
3808669.24        0.03207
         370858.14    3808616.52        0.02340                        370893.45
3808627.98        0.02651
         370874.19    3808524.10        0.01638                        370914.54
3808537.20        0.01817
         370954.89    3808550.29        0.01931                        370985.17
3808575.49        0.02000
         371005.38    3808612.79        0.02343                        371025.59
3808650.09        0.02480
         370890.74    3808431.85        0.01064                        370933.11
3808445.60        0.01258
         370975.48    3808459.35        0.01476                        371017.85
3808473.10        0.01667
         371049.64    3808499.55        0.01755                        371070.86
3808538.72        0.01870
         371092.08    3808577.88        0.02178                        371113.29
3808617.05        0.02369
         370907.45    3808339.65        0.01234                        370929.18
3808346.70        0.01141
         370950.91    3808353.75        0.01101                        370972.63
3808360.80        0.01155
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370994.36	3808367.85	0.01278	371016.09	3808374.90	0.01331
371037.82	3808381.95	0.01360	371059.54	3808389.00	0.01390
371081.27	3808396.05	0.01420	371113.88	3808423.19	0.01526
371124.76	3808443.27	0.01580	371135.64	3808463.36	0.01609
371146.52	3808483.44	0.01659	371157.40	3808503.52	0.01794
371168.28	3808523.61	0.01944	371179.16	3808543.69	0.02021
371190.04	3808563.78	0.02115	371200.92	3808583.86	0.02233
370924.23	3808247.48	0.01092	370946.29	3808254.64	0.01048
370968.36	3808261.80	0.01007	370990.43	3808268.96	0.00930
371012.49	3808276.12	0.00925	371034.56	3808283.28	0.01008
371056.63	3808290.44	0.01120	371078.70	3808297.60	0.01078

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         371100.76    3808304.75        0.01029                    371122.83
3808311.91        0.01028
         371144.90    3808319.07        0.01099                    371178.01
3808346.63        0.01313
         371189.06    3808367.03        0.01367                    371200.11
3808387.43        0.01394
         371211.16    3808407.83        0.01439                    371222.21
3808428.23        0.01569
         371233.26    3808448.62        0.01642                    371244.32
3808469.02        0.01705
         371255.37    3808489.42        0.01751                    371266.42
3808509.82        0.01827
         371277.47    3808530.22        0.01881                    370918.74
3808148.07        0.00817
         370941.04    3808155.31        0.00804                    370963.34
3808162.54        0.00853
         370985.64    3808169.78        0.00899                    371007.94
3808177.02        0.00797
         371030.24    3808184.25        0.00767                    371052.53
3808191.49        0.00782
         371074.83    3808198.72        0.00822                    371097.13
3808205.96        0.00861
         371119.43    3808213.19        0.00886                    371141.73
3808220.43        0.00900
         371164.03    3808227.66        0.00944                    371186.33
3808234.90        0.01067
         371208.63    3808242.13        0.01095                    371242.09
3808269.98        0.01143
         371253.26    3808290.59        0.01176                    371264.43
3808311.21        0.01209
         371275.59    3808331.82        0.01266                    371286.76
3808352.43        0.01357
         371297.93    3808373.05        0.01400                    371309.09
3808393.66        0.01445
         371320.26    3808414.27        0.01490                    371331.43
3808434.89        0.01520
         371342.59    3808455.50        0.01565                    371353.76
3808476.11        0.01601
         370807.24    3808111.90        0.00855                    370782.93
3808113.52        0.00933
         370850.78    3808734.63        0.08797                    370853.16
3808759.51        0.11258
         370861.00    3809110.37        0.13989                    370826.58
3808651.51        0.02838
         370934.22    3808562.55        0.01989                    370954.83
3808592.62        0.02120
         370975.43    3808622.70        0.02381                    370903.31
3808517.43        0.01646
         370971.99    3808481.43        0.01625                    370992.59
3808511.51        0.01786
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371030.36	3808430.39	0.01489	371050.96	3808460.47	0.01614
371071.57	3808490.55	0.01720	371092.18	3808520.63	0.01777
371112.78	3808550.71	0.02047	371133.39	3808580.78	0.02178
371154.00	3808610.86	0.02361	371174.60	3808640.94	0.02506
371195.21	3808671.02	0.02558	371105.23	3808888.31	0.04404
371015.19	3808978.74	0.06141	370958.24	3808325.12	0.01078
370922.70	3808314.97	0.01251	370996.00		

3808244.00 0.00894
371047.52 3808319.20 0.01217 371068.12
3808349.28 0.01287
371212.37 3808559.82 0.02078 371232.97
3808589.90 0.02178
371253.58 3808619.98 0.02196 371274.18
3808650.06 0.02265
371294.79 3808680.14 0.02316 371320.58
3808781.17 0.02701
371114.77 3808987.86 0.05436 371089.04
3809013.69 0.06062
370967.93 3808223.89 0.01048 371023.46
3808147.85 0.00755
371074.98 3808223.04 0.00824 371095.58
3808253.12 0.00898
371116.19 3808283.20 0.00954 371342.86
3808614.06 0.01985
371363.47 3808644.14 0.02061 371384.07
3808674.22 0.02127
371404.68 3808704.30 0.02168 371420.16
3808790.29 0.02209
371394.44 3808816.12 0.02523 371291.53
3808919.47 0.03586
371175.76 3809035.73 0.05362 371111.45
3809100.32 0.07014
371085.72 3809126.15 0.08039 371021.41
3809190.74 0.11289
370931.37 3809281.17 0.22811 370995.39
3808127.73 0.00718
370822.83 3808712.19 0.06038 370847.14
3808710.57 0.05778
370858.49 3808807.82 0.13548 370882.80
3808849.96 0.08789
370848.76 3809029.87 0.16432 370868.21
3809159.53 0.16751
370839.04 3809234.09 0.30249 370839.04
3809255.16 0.36593
370887.66 3809263.27 0.27563 370937.91
3809289.20 0.24736
370946.01 3809318.37 0.36153 371002.27
3809324.48 0.24803
371003.70 3809369.87 0.43070 371137.76
3809366.23 0.28486
371225.58 3809364.67 0.06790 371212.07
3809444.17 0.12267
371189.72 3809473.27 0.21548 371178.54
3809515.83 0.32422
371208.74 3809569.05 0.23375 371216.66
3809697.06 0.22303
371211.62 3809719.36 0.22813 371195.08

3809860.32   0.23927
         371186.45   3809871.82   0.28505   371200.11
3809894.84   0.24904
         371192.92   3810052.34   0.10240   371165.59
3810045.87   0.15059
         371154.09   3810042.27   0.18200   371154.09
3810059.53   0.12643
         371146.18   3810064.57   0.12369   371023.91
3810055.93   0.23597
         371015.28   3810023.57   0.31581   370757.81
3809977.54   0.39837
         370666.48   3810060.97   0.31272   370592.02
3810093.12   0.28041
         370548.02   3810093.97   0.27904   370528.56
3810117.66   0.21613
         370503.18   3810116.81   0.21515   370485.41
3810093.97   0.27363

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370430.41   3810099.89   0.25644   370313.65
3810112.58   0.23033
         370298.42   3810126.97   0.19619   370223.96
3810150.66   0.17784

370196.04 3810181.96 0.13270 370170.66
3810183.66 0.13382
370135.12 3810190.42 0.13741 370108.05
3810175.19 0.16690
370075.05 3810182.81 0.15228 369956.59
3810155.73 0.17032
369907.52 3810133.74 0.17017 369878.75
3810142.20 0.11810
369864.37 3810132.89 0.11398 369868.60
3810115.97 0.15155
369829.68 3810091.43 0.08770 369822.06
3810071.12 0.07542
369832.22 3810049.97 0.07725 369849.98
3810046.59 0.09149
370020.05 3810114.27 0.20790 370020.05
3810077.05 0.13413
370036.97 3810070.28 0.12578 370049.67
3810076.20 0.13144
370079.28 3810067.74 0.12737 370097.05
3810031.36 0.11005
370116.51 3810027.13 0.11197 370171.50
3810050.82 0.14122
370186.73 3810037.28 0.12823 370218.04
3810033.05 0.14524
370226.50 3810041.51 0.15853 370244.27
3810027.97 0.15935
370289.11 3810031.36 0.18718 370324.65
3810044.89 0.24444
370467.64 3810030.51 0.30965 370478.64
3810027.97 0.30959
370489.64 3810000.90 0.27309 370531.10
3809993.28 0.31984
370549.71 3809988.21 0.36365 370578.48
3809983.97 0.41933
370638.56 3809975.51 0.39965 370652.94
3809970.44 0.41361
370655.48 3809958.59 0.45438 370597.94
3809958.59 0.40573
370524.33 3809960.28 0.31981 370494.72
3809938.29 0.30648
370450.72 3809941.67 0.23579 370431.26
3809942.52 0.21638
370427.03 3809924.75 0.21644 370430.41
3809906.13 0.22800
370408.41 3809902.75 0.20540 370394.03
3809710.68 0.21647
370394.88 3809696.30 0.21223 370402.49
3809685.30 0.22361
370426.18 3809701.38 0.31585 370426.18
3809625.23 0.21173

```
         370439.72    3809600.69        0.19317                      370503.18
3809546.54        0.23151
         370698.63    3809431.47        0.31728                      370715.55
3809438.24        0.38996
         370766.32    3809401.01        0.43117                      370767.16
3809342.63        0.36922
         370734.16    3809307.09        0.25101                      370739.24
3809271.55        0.22163
         370795.93    3809270.71        0.34105                      370795.93
3809163.25        0.19037
         370797.62    3808929.73        0.11356                      370806.93
3808880.65        0.10641
         370809.47    3808845.12        0.09880                      370813.70
3808830.73        0.10313
         370789.16    3808796.89        0.06450                      370801.01
3808766.43        0.07481
         370809.47    3808708.05        0.04946                      370812.85
3808699.59        0.04484
         370848.39    3808709.74        0.05644

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        11:11:23

                                  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                     AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.45438 AT (  370655.48,  3809958.59,   495.91,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS       0.43117 AT (  370766.32,  3809401.01,   501.99,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS       0.43070 AT (  371003.70,  3809369.87,   500.00,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS       0.41933 AT (  370578.48,  3809983.97,   485.88,
 1482.08,    0.00)  DC
```

```
         5TH HIGHEST VALUE IS       0.41362 AT (  370573.98,  3809984.15,   485.46,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS       0.41361 AT (  370652.94,  3809970.44,   499.77,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS       0.41068 AT (  370628.50,  3809965.20,   495.27,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS       0.40803 AT (  370604.05,  3809959.96,   491.18,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS       0.40573 AT (  370597.94,  3809958.59,   490.68,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS       0.39965 AT (  370638.56,  3809975.51,   499.07,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/06/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        11:11:23

                                 PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3146       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3146       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                          (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN

```
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - -
```

```
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

                                                      DATE
                                          NETWORK
GROUP ID                             AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       7.12850m ON 22120324: AT (  371003.70,
3809369.87,   500.00,  1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of           74 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    6191       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6191       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732    1608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W732    3648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W732   10512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
 CN W732   10536         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
 CN W732   10560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W732   10584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
 CN W732   10992         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
 CN W732   11016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

2020101624
 CN W732   15744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
 CN W732   16368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   16512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   16560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   16632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   16656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   16680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   17160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   17304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   17760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   17784   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   17808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   17832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   18096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   18120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   18144   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   19296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   19680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   19776   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   19872   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040724
 CN W732   21240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   23400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   24288   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2021100824
 CN W732   24312   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924
 CN W732   29520   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022051424
 CN W732   30240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022061324
 CN W732   31656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022081124
 CN W732   32352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022090924
 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111224
 CN W732   33912   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111324
 CN W732   33936   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111424
 CN W732   33960   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111524
 CN W732   34392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022120324
 CN W732   36120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021324
 CN W732   36192   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021624
 CN W732   36720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031024
 CN W732   36744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031124
 CN W732   36768   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031224
 CN W732   36864   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031624
 CN W732   37224   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023033124
 CN W732   37392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023040724
 CN W732   37584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023041524
 CN W732   38400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023051924
 CN W732   39744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023071424
 CN W732   41424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023092224
 CN W732   41976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023101524
 CN W732   42384   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110124
 CN W732   42408   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2023110224
 CN W732   42432   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110324
 CN W732   42456   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110424
 CN W732   42480   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110524
 CN W732   42504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110624
 CN W732   42528   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110724
 CN W732   43248   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023120724
 CN W732   43704   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023122624

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/4/2025
** FILE: BELCARO PM10-24 Hour\BELCARO.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE PM10-24-HR - DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL BELCARO.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.1990766513
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
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** 370847.214, 3808830.193, 524.37, 5.00, 4.65
** 370831.913, 3808930.059, 515.94, 5.00, 4.65
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   LOCATION L0000007     VOLUME   370841.028 3808792.793 526.40
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   LOCATION L0000010     VOLUME   370845.923 3808822.391 524.79
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   LOCATION L0000016     VOLUME   370839.325 3808881.685 520.02
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LOCATION L0001443 VOLUME 370902.449 3809756.069 492.41

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   LOCATION L0001477     VOLUME   370875.546 3809739.940 493.15
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** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
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   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
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**
**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** PLANT BOUNDARY NAME PLBN1
** GRID SPACING = 25.00
** NO. OF TIERS = 2
** TIER 1: SEGMENT DISTANCE = 100.00
** TIER 1: TIER SPACING = 25.00
** TIER 2: SEGMENT DISTANCE = 500.00
** TIER 2: TIER SPACING = 100.00
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   DISCCART    370772.52   3808674.46    0.00    0.00
   DISCCART    370799.76   3808653.91    0.00    0.00
   DISCCART    370749.30   3808665.18    0.00    0.00
   DISCCART    370767.60   3808645.43    0.00    0.00
   DISCCART    370788.75   3808631.46    0.00    0.00
   DISCCART    370815.57   3808629.07    0.00    0.00
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DISCCART	370923.34	3808221.21	0.00	0.00
DISCCART	370261.77	3808470.40	0.00	0.00
DISCCART	370280.08	3808450.65	0.00	0.00
DISCCART	370298.38	3808430.90	0.00	0.00
DISCCART	370316.68	3808411.15	0.00	0.00
DISCCART	370334.98	3808391.39	0.00	0.00
DISCCART	370353.28	3808371.64	0.00	0.00
DISCCART	370371.58	3808351.89	0.00	0.00
DISCCART	370389.88	3808332.14	0.00	0.00
DISCCART	370408.19	3808312.39	0.00	0.00
DISCCART	370426.49	3808292.64	0.00	0.00
DISCCART	370444.79	3808272.89	0.00	0.00
DISCCART	370463.09	3808253.14	0.00	0.00
DISCCART	370481.39	3808233.39	0.00	0.00
DISCCART	370499.69	3808213.63	0.00	0.00
DISCCART	370517.99	3808193.88	0.00	0.00
DISCCART	370536.30	3808174.13	0.00	0.00
DISCCART	370557.44	3808160.17	0.00	0.00
DISCCART	370584.26	3808157.77	0.00	0.00
DISCCART	370611.08	3808155.38	0.00	0.00
DISCCART	370637.90	3808152.98	0.00	0.00
DISCCART	370664.72	3808150.59	0.00	0.00
DISCCART	370691.54	3808148.20	0.00	0.00
DISCCART	370718.36	3808145.80	0.00	0.00
DISCCART	370745.18	3808143.41	0.00	0.00
DISCCART	370772.00	3808141.01	0.00	0.00

DISCCART	370798.82	3808138.62	0.00	0.00
DISCCART	370825.64	3808136.22	0.00	0.00
DISCCART	370852.46	3808133.83	0.00	0.00
DISCCART	370879.28	3808131.44	0.00	0.00
DISCCART	370906.10	3808129.04	0.00	0.00
DISCCART	370932.92	3808126.65	0.00	0.00
DISCCART	370959.74	3808124.25	0.00	0.00
DISCCART	370784.73	3808704.46	0.00	0.00
DISCCART	370779.09	3808743.38	0.00	0.00
DISCCART	370759.99	3808700.88	0.00	0.00
DISCCART	370754.35	3808739.80	0.00	0.00
DISCCART	370735.25	3808697.29	0.00	0.00
DISCCART	370729.61	3808736.21	0.00	0.00
DISCCART	370713.56	3808682.33	0.00	0.00
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DISCCART	370702.04	3808752.09	0.00	0.00
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DISCCART	370608.72	3808698.83	0.00	0.00
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DISCCART	370719.26	3808769.70	0.00	0.00
DISCCART	370768.92	3808811.57	0.00	0.00
DISCCART	370793.46	3808845.41	0.00	0.00
DISCCART	370744.13	3808814.76	0.00	0.00
DISCCART	370741.07	3808791.02	0.00	0.00
DISCCART	370760.95	3808843.16	0.00	0.00
DISCCART	370721.61	3808823.70	0.00	0.00
DISCCART	370740.71	3808857.84	0.00	0.00
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DISCCART	370691.98	3808793.33	0.00	0.00

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DISCCART	370399.73	3808866.40	0.00	0.00
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DISCCART	370300.86	3808879.95	0.00	0.00
DISCCART	370295.76	3808840.38	0.00	0.00
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DISCCART	370252.40	3809020.55	0.00	0.00
DISCCART	370237.82	3808983.81	0.00	0.00
DISCCART	370223.24	3808947.07	0.00	0.00
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DISCCART	370429.94	3808717.92	0.00	0.00
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DISCCART	370238.06	3808661.52	0.00	0.00

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DISCCART	370699.37	3808911.09	0.00	0.00
DISCCART	370772.45	3808952.90	0.00	0.00
DISCCART	370772.28	3808976.25	0.00	0.00
DISCCART	370772.11	3808999.61	0.00	0.00
DISCCART	370771.94	3809022.96	0.00	0.00
DISCCART	370771.78	3809046.31	0.00	0.00
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DISCCART	370771.44	3809093.01	0.00	0.00
DISCCART	370771.27	3809116.37	0.00	0.00
DISCCART	370771.10	3809139.72	0.00	0.00
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DISCCART	370746.95	3809022.78	0.00	0.00
DISCCART	370746.78	3809046.13	0.00	0.00
DISCCART	370746.61	3809069.48	0.00	0.00
DISCCART	370746.44	3809092.83	0.00	0.00
DISCCART	370746.27	3809116.18	0.00	0.00
DISCCART	370746.10	3809139.54	0.00	0.00
DISCCART	370745.93	3809162.89	0.00	0.00
DISCCART	370722.45	3808952.54	0.00	0.00
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DISCCART	370721.95	3809022.60	0.00	0.00
DISCCART	370721.78	3809045.95	0.00	0.00
DISCCART	370721.61	3809069.30	0.00	0.00
DISCCART	370721.44	3809092.65	0.00	0.00
DISCCART	370721.27	3809116.00	0.00	0.00
DISCCART	370721.10	3809139.36	0.00	0.00
DISCCART	370720.93	3809162.71	0.00	0.00
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DISCCART	370697.28	3808975.71	0.00	0.00
DISCCART	370697.12	3808999.06	0.00	0.00
DISCCART	370696.95	3809022.41	0.00	0.00
DISCCART	370696.78	3809045.77	0.00	0.00
DISCCART	370696.61	3809069.12	0.00	0.00
DISCCART	370696.44	3809092.47	0.00	0.00
DISCCART	370696.27	3809115.82	0.00	0.00
DISCCART	370696.10	3809139.17	0.00	0.00
DISCCART	370695.93	3809162.53	0.00	0.00
DISCCART	370599.37	3808910.37	0.00	0.00

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DISCCART	370597.29	3808974.99	0.00	0.00
DISCCART	370597.12	3808998.34	0.00	0.00
DISCCART	370596.95	3809021.69	0.00	0.00
DISCCART	370596.78	3809045.04	0.00	0.00
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DISCCART	370596.44	3809091.75	0.00	0.00
DISCCART	370596.27	3809115.10	0.00	0.00
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DISCCART	370595.94	3809161.80	0.00	0.00
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DISCCART	370496.28	3809114.37	0.00	0.00
DISCCART	370496.11	3809137.73	0.00	0.00
DISCCART	370495.94	3809161.08	0.00	0.00
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DISCCART	370397.46	3808950.19	0.00	0.00
DISCCART	370397.29	3808973.54	0.00	0.00
DISCCART	370397.12	3808996.89	0.00	0.00
DISCCART	370396.95	3809020.24	0.00	0.00
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DISCCART	370395.94	3809160.36	0.00	0.00
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DISCCART	370297.13	3808996.17	0.00	0.00
DISCCART	370296.96	3809019.52	0.00	0.00
DISCCART	370296.79	3809042.87	0.00	0.00
DISCCART	370296.62	3809066.22	0.00	0.00
DISCCART	370201.83	3808882.40	0.00	0.00
DISCCART	370197.47	3808948.74	0.00	0.00
DISCCART	370197.30	3808972.09	0.00	0.00
DISCCART	370197.13	3808995.44	0.00	0.00
DISCCART	370196.96	3809018.80	0.00	0.00
DISCCART	370196.79	3809042.15	0.00	0.00
DISCCART	370196.62	3809065.50	0.00	0.00
DISCCART	370196.45	3809088.85	0.00	0.00
DISCCART	370196.28	3809112.20	0.00	0.00
DISCCART	370196.11	3809135.56	0.00	0.00
DISCCART	370195.95	3809158.91	0.00	0.00
DISCCART	370770.93	3809206.23	0.00	0.00
DISCCART	370770.93	3809249.22	0.00	0.00
DISCCART	370745.93	3809206.23	0.00	0.00
DISCCART	370745.93	3809249.22	0.00	0.00
DISCCART	370720.93	3809206.23	0.00	0.00

DISCCART	370720.93	3809249.22	0.00	0.00
DISCCART	370695.93	3809206.23	0.00	0.00
DISCCART	370695.93	3809249.22	0.00	0.00
DISCCART	370595.93	3809184.74	0.00	0.00
DISCCART	370595.93	3809227.73	0.00	0.00
DISCCART	370595.93	3809270.71	0.00	0.00
DISCCART	370495.93	3809184.74	0.00	0.00
DISCCART	370495.93	3809227.73	0.00	0.00
DISCCART	370495.93	3809270.71	0.00	0.00
DISCCART	370395.93	3809184.74	0.00	0.00
DISCCART	370395.93	3809227.73	0.00	0.00
DISCCART	370395.93	3809270.71	0.00	0.00
DISCCART	370295.93	3809184.74	0.00	0.00
DISCCART	370295.93	3809227.73	0.00	0.00
DISCCART	370295.93	3809270.71	0.00	0.00
DISCCART	370195.93	3809184.74	0.00	0.00
DISCCART	370195.93	3809227.73	0.00	0.00
DISCCART	370195.93	3809270.71	0.00	0.00
DISCCART	370795.56	3809245.71	0.00	0.00
DISCCART	370795.19	3809220.72	0.00	0.00
DISCCART	370794.82	3809195.72	0.00	0.00
DISCCART	370794.45	3809170.72	0.00	0.00
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DISCCART	370673.22	3809245.71	0.00	0.00
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DISCCART	370648.48	3809242.17	0.00	0.00
DISCCART	370664.94	3809211.72	0.00	0.00
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DISCCART	370549.48	3809228.02	0.00	0.00
DISCCART	370565.94	3809197.57	0.00	0.00
DISCCART	370623.24	3809115.20	0.00	0.00
DISCCART	370655.53	3809102.73	0.00	0.00
DISCCART	370538.71	3809261.02	0.00	0.00
DISCCART	370450.49	3809213.87	0.00	0.00
DISCCART	370466.95	3809183.42	0.00	0.00
DISCCART	370524.56	3809076.82	0.00	0.00
DISCCART	370557.16	3809040.14	0.00	0.00
DISCCART	370621.76	3809015.21	0.00	0.00
DISCCART	370654.05	3809002.74	0.00	0.00
DISCCART	370439.72	3809246.87	0.00	0.00
DISCCART	370351.49	3809199.72	0.00	0.00
DISCCART	370367.95	3809169.27	0.00	0.00
DISCCART	370417.33	3809077.90	0.00	0.00
DISCCART	370433.79	3809047.45	0.00	0.00
DISCCART	370466.71	3808986.54	0.00	0.00
DISCCART	370571.83	3808933.92	0.00	0.00
DISCCART	370652.57	3808902.75	0.00	0.00
DISCCART	370684.87	3808890.29	0.00	0.00

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DISCCART	370268.96	3809155.12	0.00	0.00
DISCCART	370326.57	3809048.52	0.00	0.00
DISCCART	370343.03	3809018.07	0.00	0.00
DISCCART	370367.72	3808972.39	0.00	0.00
DISCCART	370441.16	3808883.78	0.00	0.00
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DISCCART	370521.90	3808852.62	0.00	0.00
DISCCART	370554.20	3808840.16	0.00	0.00
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DISCCART	370667.24	3808796.53	0.00	0.00
DISCCART	370241.73	3809218.57	0.00	0.00
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DISCCART	370169.97	3809140.97	0.00	0.00
DISCCART	370219.34	3809049.60	0.00	0.00
DISCCART	370260.49	3808973.46	0.00	0.00
DISCCART	370285.18	3808927.78	0.00	0.00
DISCCART	370326.33	3808851.64	0.00	0.00
DISCCART	370358.94	3808814.95	0.00	0.00
DISCCART	370423.53	3808790.03	0.00	0.00
DISCCART	370455.83	3808777.56	0.00	0.00
DISCCART	370552.72	3808740.17	0.00	0.00
DISCCART	370633.46	3808709.01	0.00	0.00
DISCCART	370665.76	3808696.54	0.00	0.00
DISCCART	370142.74	3809204.42	0.00	0.00
DISCCART	370715.84	3809324.10	0.00	0.00
DISCCART	370732.34	3809341.87	0.00	0.00
DISCCART	370748.84	3809359.64	0.00	0.00
DISCCART	370691.09	3809320.56	0.00	0.00
DISCCART	370714.02	3809358.88	0.00	0.00
DISCCART	370730.52	3809376.65	0.00	0.00
DISCCART	370672.77	3809337.57	0.00	0.00
DISCCART	370695.70	3809375.89	0.00	0.00
DISCCART	370712.20	3809393.66	0.00	0.00
DISCCART	370654.45	3809354.59	0.00	0.00
DISCCART	370641.59	3809313.49	0.00	0.00
DISCCART	370677.38	3809392.90	0.00	0.00
DISCCART	370693.88	3809410.67	0.00	0.00
DISCCART	370581.17	3809422.63	0.00	0.00
DISCCART	370568.31	3809381.53	0.00	0.00
DISCCART	370555.46	3809340.44	0.00	0.00
DISCCART	370542.60	3809299.34	0.00	0.00
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DISCCART	370507.30	3809488.80	0.00	0.00
DISCCART	370500.29	3809466.39	0.00	0.00
DISCCART	370493.28	3809443.97	0.00	0.00
DISCCART	370486.27	3809421.55	0.00	0.00
DISCCART	370479.25	3809399.14	0.00	0.00

DISCCART	370472.24	3809376.72	0.00	0.00
DISCCART	370465.23	3809354.31	0.00	0.00
DISCCART	370458.22	3809331.89	0.00	0.00
DISCCART	370451.20	3809309.47	0.00	0.00
DISCCART	370444.19	3809287.06	0.00	0.00
DISCCART	370514.32	3809511.22	0.00	0.00
DISCCART	370530.82	3809528.99	0.00	0.00
DISCCART	370434.18	3809557.35	0.00	0.00
DISCCART	370427.32	3809535.43	0.00	0.00
DISCCART	370420.47	3809513.51	0.00	0.00
DISCCART	370413.61	3809491.59	0.00	0.00
DISCCART	370406.75	3809469.67	0.00	0.00
DISCCART	370399.90	3809447.75	0.00	0.00
DISCCART	370393.04	3809425.84	0.00	0.00
DISCCART	370386.18	3809403.92	0.00	0.00
DISCCART	370379.33	3809382.00	0.00	0.00
DISCCART	370372.47	3809360.08	0.00	0.00
DISCCART	370365.61	3809338.16	0.00	0.00
DISCCART	370358.76	3809316.25	0.00	0.00
DISCCART	370351.90	3809294.33	0.00	0.00
DISCCART	370345.04	3809272.41	0.00	0.00
DISCCART	370441.04	3809579.26	0.00	0.00
DISCCART	370360.61	3809624.48	0.00	0.00
DISCCART	370353.47	3809601.64	0.00	0.00
DISCCART	370346.33	3809578.81	0.00	0.00
DISCCART	370339.19	3809555.98	0.00	0.00
DISCCART	370332.04	3809533.15	0.00	0.00
DISCCART	370324.90	3809510.32	0.00	0.00
DISCCART	370317.76	3809487.49	0.00	0.00
DISCCART	370310.62	3809464.66	0.00	0.00
DISCCART	370303.47	3809441.82	0.00	0.00
DISCCART	370296.33	3809418.99	0.00	0.00
DISCCART	370289.19	3809396.16	0.00	0.00
DISCCART	370282.05	3809373.33	0.00	0.00
DISCCART	370274.90	3809350.50	0.00	0.00
DISCCART	370267.76	3809327.67	0.00	0.00
DISCCART	370260.62	3809304.83	0.00	0.00
DISCCART	370253.48	3809282.00	0.00	0.00
DISCCART	370246.33	3809259.17	0.00	0.00
DISCCART	370367.76	3809647.31	0.00	0.00
DISCCART	370384.26	3809665.08	0.00	0.00
DISCCART	370400.76	3809682.85	0.00	0.00
DISCCART	370287.46	3809692.93	0.00	0.00
DISCCART	370280.45	3809670.52	0.00	0.00
DISCCART	370273.44	3809648.10	0.00	0.00
DISCCART	370266.42	3809625.69	0.00	0.00
DISCCART	370259.41	3809603.27	0.00	0.00
DISCCART	370252.40	3809580.85	0.00	0.00
DISCCART	370245.39	3809558.44	0.00	0.00
DISCCART	370238.37	3809536.02	0.00	0.00

DISCCART	370231.36	3809513.60	0.00	0.00
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DISCCART	370182.27	3809356.69	0.00	0.00
DISCCART	370175.26	3809334.27	0.00	0.00
DISCCART	370168.25	3809311.86	0.00	0.00
DISCCART	370161.23	3809289.44	0.00	0.00
DISCCART	370154.22	3809267.02	0.00	0.00
DISCCART	370147.21	3809244.61	0.00	0.00
DISCCART	370294.48	3809715.35	0.00	0.00
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DISCCART	370538.15	3809196.32	0.00	0.00
DISCCART	370436.80	3809022.62	0.00	0.00
DISCCART	370864.14	3809066.86	0.00	0.00
DISCCART	370901.29	3808974.02	0.00	0.00
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DISCCART	370549.13	3809490.48	0.00	0.00
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DISCCART	370634.17	3809411.40	0.00	0.00
DISCCART	370614.63	3809422.90	0.00	0.00
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DISCCART	370523.76	3809447.39	0.00	0.00
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DISCCART	370631.64	3808839.96	0.00	0.00
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DISCCART	370899.16	3808870.97	0.00	0.00
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DISCCART	370390.67	3809511.08	0.00	0.00
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DISCCART	370404.29	3809613.15	0.00	0.00

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DISCCART	370219.51	3809403.71	0.00	0.00
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DISCCART	370114.20	3809377.17	0.00	0.00
DISCCART	370130.67	3809356.98	0.00	0.00
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DISCCART	370028.07	3809327.11	0.00	0.00
DISCCART	370045.49	3809305.76	0.00	0.00
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DISCCART	370080.33	3809263.05	0.00	0.00
DISCCART	370097.75	3809241.69	0.00	0.00
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DISCCART	369922.87	3809300.42	0.00	0.00
DISCCART	369939.86	3809279.60	0.00	0.00
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DISCCART	370326.18	3809644.27	0.00	0.00
DISCCART	370326.18	3809682.34	0.00	0.00
DISCCART	370230.33	3809609.13	0.00	0.00
DISCCART	370226.18	3809644.27	0.00	0.00
DISCCART	370226.18	3809682.34	0.00	0.00
DISCCART	370130.85	3809607.11	0.00	0.00
DISCCART	370140.18	3809570.88	0.00	0.00
DISCCART	370149.51	3809534.65	0.00	0.00
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DISCCART	370126.18	3809644.27	0.00	0.00
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DISCCART	370057.85	3809502.26	0.00	0.00

DISCCART	370066.90	3809467.13	0.00	0.00
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DISCCART	370026.18	3809682.34	0.00	0.00
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DISCCART	369939.51	3809573.47	0.00	0.00
DISCCART	369948.40	3809538.96	0.00	0.00
DISCCART	369957.29	3809504.46	0.00	0.00
DISCCART	369966.18	3809469.95	0.00	0.00
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DISCCART	369983.95	3809400.94	0.00	0.00
DISCCART	369926.18	3809644.27	0.00	0.00
DISCCART	369926.18	3809682.34	0.00	0.00
DISCCART	369830.85	3809607.11	0.00	0.00
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DISCCART	369849.51	3809534.65	0.00	0.00
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DISCCART	369896.17	3809353.49	0.00	0.00
DISCCART	369826.18	3809644.27	0.00	0.00
DISCCART	369826.18	3809682.34	0.00	0.00
DISCCART	370416.53	3809664.61	0.00	0.00
DISCCART	370269.95	3809550.81	0.00	0.00
DISCCART	370291.25	3809537.01	0.00	0.00
DISCCART	370355.13	3809495.60	0.00	0.00
DISCCART	370378.19	3809491.29	0.00	0.00
DISCCART	370187.72	3809493.92	0.00	0.00
DISCCART	370240.95	3809459.41	0.00	0.00
DISCCART	370262.24	3809445.61	0.00	0.00
DISCCART	370326.12	3809404.20	0.00	0.00
DISCCART	370409.52	3809403.37	0.00	0.00
DISCCART	370434.36	3809408.55	0.00	0.00
DISCCART	370459.20	3809413.74	0.00	0.00
DISCCART	370084.65	3809450.52	0.00	0.00
DISCCART	370106.87	3809436.12	0.00	0.00
DISCCART	370129.09	3809421.72	0.00	0.00
DISCCART	370151.31	3809407.32	0.00	0.00
DISCCART	370217.96	3809364.11	0.00	0.00
DISCCART	370240.18	3809349.71	0.00	0.00
DISCCART	370380.90	3809302.92	0.00	0.00
DISCCART	370406.82	3809308.33	0.00	0.00
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DISCCART	370588.26	3809346.22	0.00	0.00
DISCCART	370013.33	3809386.55	0.00	0.00
DISCCART	370035.36	3809372.27	0.00	0.00
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DISCCART	370079.41	3809343.72	0.00	0.00
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DISCCART	370123.47	3809315.16	0.00	0.00

DISCCART	370222.59	3809250.91	0.00	0.00
DISCCART	370374.94	3809207.21	0.00	0.00
DISCCART	370426.33	3809217.94	0.00	0.00
DISCCART	370529.12	3809239.41	0.00	0.00
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DISCCART	369930.96	3809329.74	0.00	0.00
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DISCCART	369974.77	3809301.35	0.00	0.00
DISCCART	369996.67	3809287.15	0.00	0.00
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DISCCART	370040.47	3809258.76	0.00	0.00
DISCCART	370062.37	3809244.56	0.00	0.00
DISCCART	370305.12	3809098.16	0.00	0.00
DISCCART	370330.67	3809103.50	0.00	0.00
DISCCART	370356.22	3809108.83	0.00	0.00
DISCCART	370471.19	3809132.84	0.00	0.00
DISCCART	370522.29	3809143.51	0.00	0.00
DISCCART	370547.84	3809148.85	0.00	0.00
DISCCART	370650.03	3809170.19	0.00	0.00
DISCCART	370675.58	3809175.52	0.00	0.00
DISCCART	370319.16	3809706.25	0.00	0.00
DISCCART	370303.85	3809664.90	0.00	0.00
DISCCART	370199.63	3809671.75	0.00	0.00
DISCCART	370194.38	3809698.88	0.00	0.00
DISCCART	370099.80	3809665.85	0.00	0.00
DISCCART	370094.55	3809692.98	0.00	0.00
DISCCART	370000.27	3809659.10	0.00	0.00
DISCCART	369994.73	3809687.08	0.00	0.00
DISCCART	369900.38	3809653.38	0.00	0.00
DISCCART	369909.64	3809626.54	0.00	0.00
DISCCART	369894.90	3809681.18	0.00	0.00
DISCCART	369800.51	3809647.59	0.00	0.00
DISCCART	369809.69	3809620.99	0.00	0.00
DISCCART	369795.08	3809675.28	0.00	0.00
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DISCCART	370378.09	3809832.59	0.00	0.00
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DISCCART	370381.68	3809880.61	0.00	0.00
DISCCART	370383.48	3809904.62	0.00	0.00
DISCCART	370347.76	3809762.43	0.00	0.00
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DISCCART	370351.36	3809810.45	0.00	0.00
DISCCART	370353.16	3809834.46	0.00	0.00
DISCCART	370354.95	3809858.47	0.00	0.00
DISCCART	370356.75	3809882.47	0.00	0.00
DISCCART	370358.55	3809906.48	0.00	0.00
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DISCCART	370326.43	3809812.31	0.00	0.00
DISCCART	370328.23	3809836.32	0.00	0.00
DISCCART	370330.02	3809860.33	0.00	0.00
DISCCART	370331.82	3809884.34	0.00	0.00
DISCCART	370333.62	3809908.35	0.00	0.00
DISCCART	370297.90	3809766.16	0.00	0.00
DISCCART	370299.70	3809790.17	0.00	0.00
DISCCART	370301.50	3809814.18	0.00	0.00
DISCCART	370303.30	3809838.19	0.00	0.00
DISCCART	370305.09	3809862.20	0.00	0.00
DISCCART	370306.89	3809886.21	0.00	0.00
DISCCART	370308.69	3809910.22	0.00	0.00
DISCCART	370194.59	3809725.61	0.00	0.00
DISCCART	370196.39	3809749.62	0.00	0.00
DISCCART	370198.18	3809773.63	0.00	0.00
DISCCART	370199.98	3809797.64	0.00	0.00
DISCCART	370201.78	3809821.65	0.00	0.00
DISCCART	370203.58	3809845.66	0.00	0.00
DISCCART	370205.37	3809869.66	0.00	0.00
DISCCART	370207.17	3809893.67	0.00	0.00
DISCCART	370208.97	3809917.68	0.00	0.00
DISCCART	370094.87	3809733.08	0.00	0.00
DISCCART	370096.66	3809757.09	0.00	0.00
DISCCART	370098.46	3809781.10	0.00	0.00
DISCCART	370100.26	3809805.10	0.00	0.00
DISCCART	370102.06	3809829.11	0.00	0.00
DISCCART	370103.85	3809853.12	0.00	0.00
DISCCART	370105.65	3809877.13	0.00	0.00
DISCCART	370107.45	3809901.14	0.00	0.00
DISCCART	370109.25	3809925.15	0.00	0.00
DISCCART	369995.01	3809722.72	0.00	0.00
DISCCART	369996.94	3809764.55	0.00	0.00
DISCCART	369998.74	3809788.56	0.00	0.00
DISCCART	370000.54	3809812.57	0.00	0.00
DISCCART	370002.34	3809836.58	0.00	0.00
DISCCART	370004.13	3809860.59	0.00	0.00
DISCCART	370005.93	3809884.60	0.00	0.00
DISCCART	370007.73	3809908.61	0.00	0.00
DISCCART	370009.53	3809932.61	0.00	0.00
DISCCART	369895.25	3809725.73	0.00	0.00
DISCCART	369897.22	3809772.02	0.00	0.00
DISCCART	369899.02	3809796.03	0.00	0.00
DISCCART	369900.82	3809820.04	0.00	0.00
DISCCART	369902.62	3809844.04	0.00	0.00
DISCCART	369904.41	3809868.05	0.00	0.00
DISCCART	369906.21	3809892.06	0.00	0.00
DISCCART	369908.01	3809916.07	0.00	0.00
DISCCART	369909.81	3809940.08	0.00	0.00
DISCCART	369795.55	3809735.43	0.00	0.00
DISCCART	369797.50	3809779.48	0.00	0.00

DISCCART	369799.30	3809803.49	0.00	0.00
DISCCART	369801.10	3809827.50	0.00	0.00
DISCCART	369802.89	3809851.51	0.00	0.00
DISCCART	369804.69	3809875.52	0.00	0.00
DISCCART	369806.49	3809899.53	0.00	0.00
DISCCART	369808.29	3809923.54	0.00	0.00
DISCCART	369810.08	3809947.55	0.00	0.00
DISCCART	370404.61	3809927.46	0.00	0.00
DISCCART	370386.26	3809944.44	0.00	0.00
DISCCART	370422.82	3809955.55	0.00	0.00
DISCCART	370382.47	3809969.15	0.00	0.00
DISCCART	370346.78	3809938.57	0.00	0.00
DISCCART	370419.02	3809980.26	0.00	0.00
DISCCART	370373.82	3809991.28	0.00	0.00
DISCCART	370326.23	3809950.51	0.00	0.00
DISCCART	370415.22	3810004.97	0.00	0.00
DISCCART	370252.83	3810018.42	0.00	0.00
DISCCART	370235.28	3809978.13	0.00	0.00
DISCCART	370400.04	3810103.81	0.00	0.00
DISCCART	370343.45	3810188.96	0.00	0.00
DISCCART	370304.63	3810168.34	0.00	0.00
DISCCART	370265.82	3810147.72	0.00	0.00
DISCCART	370161.88	3810046.04	0.00	0.00
DISCCART	370144.34	3810005.74	0.00	0.00
DISCCART	370126.79	3809965.44	0.00	0.00
DISCCART	370384.85	3810202.65	0.00	0.00
DISCCART	370328.26	3810287.80	0.00	0.00
DISCCART	370289.45	3810267.18	0.00	0.00
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DISCCART	370173.01	3810205.32	0.00	0.00
DISCCART	370062.16	3810053.50	0.00	0.00
DISCCART	370044.62	3810013.21	0.00	0.00
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DISCCART	370369.67	3810301.49	0.00	0.00
DISCCART	370313.08	3810386.64	0.00	0.00
DISCCART	370274.26	3810366.02	0.00	0.00
DISCCART	370235.45	3810345.40	0.00	0.00
DISCCART	370196.64	3810324.78	0.00	0.00
DISCCART	370157.83	3810304.16	0.00	0.00
DISCCART	370119.01	3810283.54	0.00	0.00
DISCCART	370080.20	3810262.92	0.00	0.00
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DISCCART	369953.67	3810040.82	0.00	0.00
DISCCART	369936.12	3810000.52	0.00	0.00
DISCCART	370354.48	3810400.33	0.00	0.00
DISCCART	370297.89	3810485.48	0.00	0.00
DISCCART	370259.08	3810464.86	0.00	0.00

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DISCCART	369845.17	3810028.14	0.00	0.00
DISCCART	369827.63	3809987.84	0.00	0.00
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DISCCART	370132.81	3809906.33	0.00	0.00
DISCCART	370035.93	3809944.46	0.00	0.00
DISCCART	370034.94	3809908.00	0.00	0.00
DISCCART	370033.96	3809871.54	0.00	0.00
DISCCART	369938.77	3809972.17	0.00	0.00
DISCCART	369937.85	3809937.99	0.00	0.00
DISCCART	369936.92	3809903.81	0.00	0.00
DISCCART	369935.99	3809869.63	0.00	0.00
DISCCART	369840.48	3809958.22	0.00	0.00
DISCCART	369839.53	3809923.06	0.00	0.00
DISCCART	369838.58	3809887.90	0.00	0.00
DISCCART	369837.63	3809852.74	0.00	0.00
DISCCART	370451.81	3809966.65	0.00	0.00
DISCCART	370452.90	3809991.62	0.00	0.00
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DISCCART	370343.23	3809979.84	0.00	0.00
DISCCART	370421.52	3810136.59	0.00	0.00
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DISCCART	370459.45	3810141.48	0.00	0.00
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DISCCART	370356.23	3810214.83	0.00	0.00
DISCCART	370320.98	3810203.86	0.00	0.00
DISCCART	370285.74	3810192.90	0.00	0.00

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DISCCART	370463.81	3810241.38	0.00	0.00
DISCCART	370430.25	3810336.40	0.00	0.00
DISCCART	370393.33	3810324.91	0.00	0.00
DISCCART	370301.01	3810296.20	0.00	0.00
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DISCCART	370227.16	3810273.23	0.00	0.00
DISCCART	370179.65	3810245.56	0.00	0.00
DISCCART	370147.92	3810197.00	0.00	0.00
DISCCART	370468.18	3810341.29	0.00	0.00
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DISCCART	370399.23	3810425.29	0.00	0.00
DISCCART	370255.62	3810380.63	0.00	0.00
DISCCART	370219.72	3810369.47	0.00	0.00
DISCCART	370183.82	3810358.30	0.00	0.00
DISCCART	370147.92	3810347.13	0.00	0.00
DISCCART	370119.69	3810325.81	0.00	0.00
DISCCART	370099.12	3810294.34	0.00	0.00
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DISCCART	370438.98	3810536.21	0.00	0.00
DISCCART	370402.05	3810524.72	0.00	0.00
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DISCCART	370235.88	3810473.04	0.00	0.00
DISCCART	370198.96	3810461.55	0.00	0.00
DISCCART	370162.03	3810450.07	0.00	0.00
DISCCART	370125.10	3810438.58	0.00	0.00
DISCCART	370088.18	3810427.10	0.00	0.00
DISCCART	370059.14	3810405.17	0.00	0.00
DISCCART	370037.98	3810372.80	0.00	0.00
DISCCART	369985.09	3810291.87	0.00	0.00
DISCCART	369963.93	3810259.50	0.00	0.00
DISCCART	369942.77	3810227.13	0.00	0.00
DISCCART	369889.88	3810146.20	0.00	0.00
DISCCART	370476.90	3810541.10	0.00	0.00
DISCCART	370474.63	3809964.91	0.00	0.00
DISCCART	370476.55	3809989.83	0.00	0.00
DISCCART	370478.46	3810014.76	0.00	0.00
DISCCART	370488.04	3810139.39	0.00	0.00
DISCCART	370495.70	3810239.10	0.00	0.00
DISCCART	370503.36	3810338.80	0.00	0.00
DISCCART	370511.02	3810438.51	0.00	0.00
DISCCART	370518.68	3810538.22	0.00	0.00
DISCCART	370509.42	3809980.35	0.00	0.00
DISCCART	370549.44	3809984.71	0.00	0.00
DISCCART	370573.98	3809984.15	0.00	0.00
DISCCART	370508.28	3810153.66	0.00	0.00
DISCCART	370553.46	3810159.66	0.00	0.00

DISCCART	370577.99	3810159.10	0.00	0.00
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DISCCART	370580.29	3810259.07	0.00	0.00
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DISCCART	370558.05	3810359.61	0.00	0.00
DISCCART	370582.58	3810359.05	0.00	0.00
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DISCCART	370560.34	3810459.58	0.00	0.00
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DISCCART	370587.18	3810559.00	0.00	0.00
DISCCART	370611.71	3810558.43	0.00	0.00
DISCCART	370636.30	3810158.59	0.00	0.00
DISCCART	370636.30	3810258.59	0.00	0.00
DISCCART	370636.30	3810358.59	0.00	0.00
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DISCCART	370068.81	3809832.84	0.00	0.00
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DISCCART	370534.87	3809384.19	0.00	0.00
DISCCART	370447.55	3809499.67	0.00	0.00
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DISCCART	370438.06	3809603.68	0.00	0.00
DISCCART	370401.99	3809827.97	0.00	0.00
DISCCART	370298.85	3809939.14	0.00	0.00
DISCCART	370243.90	3809844.43	0.00	0.00
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DISCCART	370276.09	3809800.90	0.00	0.00
DISCCART	370135.93	3809827.51	0.00	0.00
DISCCART	370152.79	3809804.71	0.00	0.00
DISCCART	370169.65	3809781.91	0.00	0.00
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DISCCART	370249.97	3809684.76	0.00	0.00
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DISCCART	370187.22	3809607.03	0.00	0.00
DISCCART	369942.21	3809763.62	0.00	0.00

DISCCART	369959.07	3809740.82	0.00	0.00
DISCCART	370043.38	3809626.81	0.00	0.00
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DISCCART	370077.11	3809581.21	0.00	0.00
DISCCART	370093.97	3809558.40	0.00	0.00
DISCCART	370123.70	3809529.66	0.00	0.00
DISCCART	369928.28	3809788.56	0.00	0.00
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DISCCART	370345.98	3810017.62	0.00	0.00
DISCCART	370322.15	3810020.02	0.00	0.00
DISCCART	370319.65	3809995.14	0.00	0.00
DISCCART	370359.94	3809438.31	0.00	0.00
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DISCCART	370292.88	3809981.50	0.00	0.00
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DISCCART	370274.23	3809929.95	0.00	0.00
DISCCART	370281.77	3809830.23	0.00	0.00
DISCCART	370266.89	3809728.82	0.00	0.00
DISCCART	370296.84	3809630.80	0.00	0.00
DISCCART	370229.12	3810008.08	0.00	0.00
DISCCART	370213.97	3809988.20	0.00	0.00
DISCCART	370198.81	3809968.31	0.00	0.00
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DISCCART	370164.67	3809759.09	0.00	0.00
DISCCART	370226.00	3809740.93	0.00	0.00
DISCCART	370043.78	3809697.39	0.00	0.00
DISCCART	370148.62	3809666.35	0.00	0.00
DISCCART	369962.53	3809623.96	0.00	0.00
DISCCART	370005.12	3809611.35	0.00	0.00
DISCCART	370111.60	3809579.83	0.00	0.00
DISCCART	370175.49	3809560.92	0.00	0.00
DISCCART	370218.08	3809548.31	0.00	0.00
DISCCART	369901.07	3809544.67	0.00	0.00
DISCCART	369982.85	3809520.46	0.00	0.00
DISCCART	370023.73	3809508.36	0.00	0.00
DISCCART	370085.07	3809490.20	0.00	0.00
DISCCART	370125.95	3809478.10	0.00	0.00
DISCCART	369862.86	3809564.26	0.00	0.00
DISCCART	370199.04	3810010.39	0.00	0.00
DISCCART	370180.04	3809987.73	0.00	0.00
DISCCART	370173.34	3809938.18	0.00	0.00
DISCCART	370283.74	3809745.91	0.00	0.00
DISCCART	370146.56	3809739.98	0.00	0.00
DISCCART	370179.61	3809638.10	0.00	0.00
DISCCART	370152.83	3809439.90	0.00	0.00
DISCCART	370334.32	3809457.31	0.00	0.00

DISCCART	370379.69	3809461.66	0.00	0.00
DISCCART	370435.76	3809480.59	0.00	0.00
DISCCART	370170.12	3810018.60	0.00	0.00
DISCCART	370121.67	3809994.77	0.00	0.00
DISCCART	370105.06	3809976.08	0.00	0.00
DISCCART	370071.53	3809879.69	0.00	0.00
DISCCART	369972.17	3809826.61	0.00	0.00
DISCCART	369938.64	3809730.22	0.00	0.00
DISCCART	369974.01	3809713.97	0.00	0.00
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DISCCART	369772.85	3809602.41	0.00	0.00
DISCCART	370271.87	3809767.40	0.00	0.00
DISCCART	370314.34	3809567.93	0.00	0.00
DISCCART	370091.74	3810006.93	0.00	0.00
DISCCART	370100.58	3809953.84	0.00	0.00
DISCCART	370075.81	3809933.64	0.00	0.00
DISCCART	370052.79	3809733.98	0.00	0.00
DISCCART	370068.97	3809639.87	0.00	0.00
DISCCART	370010.31	3809538.54	0.00	0.00
DISCCART	370008.27	3809442.68	0.00	0.00
DISCCART	370046.67	3809446.39	0.00	0.00
DISCCART	370123.48	3809453.82	0.00	0.00
DISCCART	370076.31	3809987.26	0.00	0.00
DISCCART	370034.35	3810045.80	0.00	0.00
DISCCART	370065.94	3809965.21	0.00	0.00
DISCCART	370020.77	3810016.63	0.00	0.00
DISCCART	370007.20	3809987.47	0.00	0.00
DISCCART	369989.43	3810023.85	0.00	0.00
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DISCCART	369899.57	3809979.96	0.00	0.00
DISCCART	369863.66	3809854.96	0.00	0.00
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DISCCART	370015.98	3809746.37	0.00	0.00
DISCCART	369750.14	3809840.34	0.00	0.00
DISCCART	369775.14	3809809.42	0.00	0.00
DISCCART	369825.15	3809747.57	0.00	0.00
DISCCART	369868.15	3809708.19	0.00	0.00
DISCCART	369958.11	3809665.88	0.00	0.00
DISCCART	369728.75	3809873.99	0.00	0.00
DISCCART	369659.50	3809797.42	0.00	0.00
DISCCART	369682.94	3809768.43	0.00	0.00
DISCCART	369706.38	3809739.44	0.00	0.00
DISCCART	369729.83	3809710.45	0.00	0.00
DISCCART	369753.27	3809681.46	0.00	0.00

DISCCART	369776.71	3809652.47	0.00	0.00
DISCCART	369855.90	3809606.24	0.00	0.00
DISCCART	369889.64	3809590.37	0.00	0.00
DISCCART	369973.98	3809550.70	0.00	0.00
DISCCART	369638.90	3809830.10	0.00	0.00
DISCCART	369569.98	3809753.11	0.00	0.00
DISCCART	369594.09	3809723.30	0.00	0.00
DISCCART	369618.20	3809693.48	0.00	0.00
DISCCART	369642.32	3809663.66	0.00	0.00
DISCCART	369666.43	3809633.84	0.00	0.00
DISCCART	369690.54	3809604.02	0.00	0.00
DISCCART	369714.65	3809574.21	0.00	0.00
DISCCART	369744.05	3809551.14	0.00	0.00
DISCCART	369778.75	3809534.82	0.00	0.00
DISCCART	369813.45	3809518.49	0.00	0.00
DISCCART	369882.85	3809485.85	0.00	0.00
DISCCART	369917.55	3809469.53	0.00	0.00
DISCCART	369549.04	3809786.21	0.00	0.00
DISCCART	370070.79	3810030.88	0.00	0.00
DISCCART	370176.42	3809804.29	0.00	0.00
DISCCART	370010.76	3810053.84	0.00	0.00
DISCCART	369982.90	3809984.21	0.00	0.00
DISCCART	369976.57	3809793.17	0.00	0.00
DISCCART	370078.65	3809796.01	0.00	0.00
DISCCART	370129.69	3809797.42	0.00	0.00
DISCCART	369941.31	3809700.38	0.00	0.00
DISCCART	370011.88	3809702.34	0.00	0.00
DISCCART	370117.75	3809705.28	0.00	0.00
DISCCART	370153.04	3809706.26	0.00	0.00
DISCCART	370085.81	3809612.58	0.00	0.00
DISCCART	369884.65	3809515.18	0.00	0.00
DISCCART	370078.74	3809520.57	0.00	0.00
DISCCART	370184.60	3809523.52	0.00	0.00
DISCCART	369995.05	3810077.05	0.00	0.00
DISCCART	369949.35	3810063.04	0.00	0.00
DISCCART	369924.35	3810063.04	0.00	0.00
DISCCART	369960.07	3810002.60	0.00	0.00
DISCCART	369824.96	3810061.03	0.00	0.00
DISCCART	369849.52	3809980.95	0.00	0.00
DISCCART	369867.48	3809954.42	0.00	0.00
DISCCART	369820.05	3810095.66	0.00	0.00
DISCCART	369725.21	3810060.23	0.00	0.00
DISCCART	369735.52	3810026.60	0.00	0.00
DISCCART	369745.84	3809992.96	0.00	0.00
DISCCART	369756.15	3809959.33	0.00	0.00
DISCCART	369766.46	3809925.69	0.00	0.00
DISCCART	369867.51	3809831.63	0.00	0.00
DISCCART	369720.05	3810095.66	0.00	0.00
DISCCART	369625.34	3810059.80	0.00	0.00
DISCCART	369635.92	3810025.30	0.00	0.00

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DISCCART	369657.08	3809956.31	0.00	0.00
DISCCART	369667.65	3809921.81	0.00	0.00
DISCCART	369678.23	3809887.31	0.00	0.00
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DISCCART	369730.96	3809818.86	0.00	0.00
DISCCART	369773.11	3809784.90	0.00	0.00
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DISCCART	369620.05	3810095.66	0.00	0.00
DISCCART	369525.42	3810059.53	0.00	0.00
DISCCART	369536.17	3810024.50	0.00	0.00
DISCCART	369546.91	3809989.46	0.00	0.00
DISCCART	369557.65	3809954.42	0.00	0.00
DISCCART	369568.40	3809919.39	0.00	0.00
DISCCART	369579.14	3809884.35	0.00	0.00
DISCCART	369589.89	3809849.31	0.00	0.00
DISCCART	369600.63	3809814.28	0.00	0.00
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DISCCART	369436.34	3810023.94	0.00	0.00
DISCCART	369447.19	3809988.54	0.00	0.00
DISCCART	369458.05	3809953.13	0.00	0.00
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DISCCART	369501.48	3809811.51	0.00	0.00
DISCCART	369512.34	3809776.10	0.00	0.00
DISCCART	369537.61	3809729.08	0.00	0.00
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DISCCART	369802.35	3809983.40	0.00	0.00
DISCCART	369754.46	3810038.64	0.00	0.00
DISCCART	369695.72	3809909.41	0.00	0.00
DISCCART	369752.57	3809872.46	0.00	0.00
DISCCART	369773.70	3809862.98	0.00	0.00
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DISCCART	369691.61	3809793.19	0.00	0.00
DISCCART	369712.74	3809783.70	0.00	0.00
DISCCART	369733.87	3809774.22	0.00	0.00
DISCCART	369755.00	3809764.74	0.00	0.00
DISCCART	369530.03	3809804.82	0.00	0.00
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DISCCART	369469.07	3809725.55	0.00	0.00
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DISCCART	369512.84	3809671.59	0.00	0.00
DISCCART	369548.57	3809644.12	0.00	0.00
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DISCCART	369487.61	3809564.85	0.00	0.00
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DISCCART	369614.39	3809507.96	0.00	0.00
DISCCART	369635.52	3809498.48	0.00	0.00
DISCCART	369656.65	3809488.99	0.00	0.00
DISCCART	369677.78	3809479.51	0.00	0.00
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DISCCART	369542.13	3810155.11	0.00	0.00
DISCCART	369544.03	3810112.33	0.00	0.00
DISCCART	369545.93	3810069.55	0.00	0.00
DISCCART	369548.80	3810196.81	0.00	0.00
DISCCART	369448.48	3810190.72	0.00	0.00
DISCCART	369450.34	3810148.89	0.00	0.00
DISCCART	369452.20	3810107.06	0.00	0.00
DISCCART	369454.06	3810065.23	0.00	0.00
DISCCART	369455.17	3810231.94	0.00	0.00
DISCCART	369354.84	3810226.12	0.00	0.00
DISCCART	369356.68	3810184.84	0.00	0.00
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DISCCART	369360.35	3810102.28	0.00	0.00
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DISCCART	369364.02	3810019.73	0.00	0.00
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DISCCART	369268.86	3810089.38	0.00	0.00
DISCCART	369270.76	3810046.60	0.00	0.00
DISCCART	369272.66	3810003.82	0.00	0.00

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DISCCART	369855.27	3810137.12	0.00	0.00
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DISCCART	369522.32	3810314.38	0.00	0.00
DISCCART	369495.46	3810281.40	0.00	0.00
DISCCART	369635.80	3810442.06	0.00	0.00
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DISCCART	369476.66	3810408.39	0.00	0.00
DISCCART	369462.27	3810390.72	0.00	0.00
DISCCART	369447.88	3810373.06	0.00	0.00
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DISCCART	369582.46	3810526.65	0.00	0.00
DISCCART	369601.92	3810538.92	0.00	0.00
DISCCART	369495.45	3810581.51	0.00	0.00
DISCCART	369481.23	3810564.05	0.00	0.00

DISCCART	369467.01	3810546.59	0.00	0.00
DISCCART	369438.56	3810511.68	0.00	0.00
DISCCART	369424.34	3810494.22	0.00	0.00
DISCCART	369410.12	3810476.77	0.00	0.00
DISCCART	369395.90	3810459.31	0.00	0.00
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DISCCART	369548.59	3810623.50	0.00	0.00
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DISCCART	369851.58	3810184.17	0.00	0.00
DISCCART	369837.99	3810205.16	0.00	0.00
DISCCART	369824.40	3810226.14	0.00	0.00
DISCCART	369676.32	3810175.79	0.00	0.00
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DISCCART	369715.71	3810394.03	0.00	0.00
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DISCCART	369483.75	3810149.63	0.00	0.00
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DISCCART	369298.59	3810236.67	0.00	0.00

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DISCCART	369289.90	3810103.71	0.00	0.00
DISCCART	369287.72	3810070.47	0.00	0.00
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DISCCART	369921.41	3810332.08	0.00	0.00
DISCCART	369893.89	3810328.08	0.00	0.00
DISCCART	369866.37	3810324.08	0.00	0.00
DISCCART	369838.85	3810320.08	0.00	0.00
DISCCART	369811.34	3810316.08	0.00	0.00
DISCCART	369949.56	3810329.85	0.00	0.00
DISCCART	369948.81	3810427.90	0.00	0.00
DISCCART	369919.68	3810423.66	0.00	0.00
DISCCART	369890.54	3810419.43	0.00	0.00
DISCCART	369861.40	3810415.20	0.00	0.00
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DISCCART	369977.77	3810425.78	0.00	0.00
DISCCART	369977.24	3810523.87	0.00	0.00
DISCCART	369948.52	3810519.69	0.00	0.00
DISCCART	369919.81	3810515.52	0.00	0.00
DISCCART	369891.09	3810511.35	0.00	0.00
DISCCART	369862.37	3810507.18	0.00	0.00
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DISCCART	369804.94	3810498.83	0.00	0.00
DISCCART	369776.23	3810494.66	0.00	0.00
DISCCART	369747.51	3810490.49	0.00	0.00
DISCCART	369718.79	3810486.32	0.00	0.00
DISCCART	369690.08	3810482.14	0.00	0.00
DISCCART	370005.98	3810521.72	0.00	0.00
DISCCART	370005.06	3810619.75	0.00	0.00
DISCCART	369975.58	3810615.46	0.00	0.00
DISCCART	369946.09	3810611.18	0.00	0.00
DISCCART	369916.61	3810606.90	0.00	0.00
DISCCART	369887.12	3810602.61	0.00	0.00
DISCCART	369857.64	3810598.33	0.00	0.00
DISCCART	369828.15	3810594.04	0.00	0.00
DISCCART	369798.67	3810589.76	0.00	0.00
DISCCART	369769.18	3810585.48	0.00	0.00
DISCCART	369739.70	3810581.19	0.00	0.00
DISCCART	369710.21	3810576.91	0.00	0.00
DISCCART	369680.73	3810572.62	0.00	0.00

DISCCART	369651.24	3810568.34	0.00	0.00
DISCCART	370034.19	3810617.66	0.00	0.00
DISCCART	370033.45	3810715.71	0.00	0.00
DISCCART	370004.31	3810711.48	0.00	0.00
DISCCART	369975.17	3810707.24	0.00	0.00
DISCCART	369946.03	3810703.01	0.00	0.00
DISCCART	369916.90	3810698.78	0.00	0.00
DISCCART	369887.76	3810694.54	0.00	0.00
DISCCART	369858.62	3810690.31	0.00	0.00
DISCCART	369829.48	3810686.08	0.00	0.00
DISCCART	369800.34	3810681.84	0.00	0.00
DISCCART	369771.20	3810677.61	0.00	0.00
DISCCART	369742.07	3810673.38	0.00	0.00
DISCCART	369712.93	3810669.14	0.00	0.00
DISCCART	369683.79	3810664.91	0.00	0.00
DISCCART	369654.65	3810660.68	0.00	0.00
DISCCART	369625.51	3810656.44	0.00	0.00
DISCCART	369596.38	3810652.21	0.00	0.00
DISCCART	370062.40	3810713.60	0.00	0.00
DISCCART	369930.01	3810171.21	0.00	0.00
DISCCART	369915.70	3810246.99	0.00	0.00
DISCCART	369793.01	3810520.75	0.00	0.00
DISCCART	369735.76	3810604.68	0.00	0.00
DISCCART	369678.51	3810688.60	0.00	0.00
DISCCART	369711.22	3810703.26	0.00	0.00
DISCCART	369951.02	3810180.10	0.00	0.00
DISCCART	369974.71	3810185.52	0.00	0.00
DISCCART	370069.48	3810207.18	0.00	0.00
DISCCART	369969.14	3810209.89	0.00	0.00
DISCCART	369992.83	3810215.30	0.00	0.00
DISCCART	369987.26	3810239.68	0.00	0.00
DISCCART	370010.95	3810245.09	0.00	0.00
DISCCART	370034.64	3810250.51	0.00	0.00
DISCCART	370058.34	3810255.92	0.00	0.00
DISCCART	370005.38	3810269.46	0.00	0.00
DISCCART	370029.07	3810274.88	0.00	0.00
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DISCCART	369959.40	3810361.53	0.00	0.00
DISCCART	369983.10	3810366.95	0.00	0.00
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DISCCART	369937.12	3810459.02	0.00	0.00
DISCCART	369960.81	3810464.43	0.00	0.00
DISCCART	369984.50	3810469.85	0.00	0.00
DISCCART	370008.19	3810475.27	0.00	0.00
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DISCCART	369914.83	3810556.50	0.00	0.00

DISCCART	369938.53	3810561.92	0.00	0.00
DISCCART	369962.22	3810567.33	0.00	0.00
DISCCART	369985.91	3810572.75	0.00	0.00
DISCCART	369826.55	3810636.93	0.00	0.00
DISCCART	369789.33	3810624.47	0.00	0.00
DISCCART	369868.86	3810648.57	0.00	0.00
DISCCART	369892.55	3810653.99	0.00	0.00
DISCCART	369916.24	3810659.40	0.00	0.00
DISCCART	369939.93	3810664.82	0.00	0.00
DISCCART	369963.62	3810670.24	0.00	0.00
DISCCART	369800.55	3810733.17	0.00	0.00
DISCCART	369778.22	3810725.69	0.00	0.00
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DISCCART	370097.17	3810203.36	0.00	0.00
DISCCART	370086.30	3810231.53	0.00	0.00
DISCCART	370119.30	3810223.91	0.00	0.00
DISCCART	370108.42	3810252.08	0.00	0.00
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DISCCART	370058.58	3810475.21	0.00	0.00
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DISCCART	370116.19	3810572.61	0.00	0.00
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DISCCART	370051.05	3810572.68	0.00	0.00
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DISCCART	370171.55	3810670.01	0.00	0.00
DISCCART	370139.56	3810670.04	0.00	0.00
DISCCART	370107.57	3810670.08	0.00	0.00
DISCCART	370075.58	3810670.11	0.00	0.00
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DISCCART	370011.61	3810670.18	0.00	0.00
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DISCCART	370193.25	3810767.45	0.00	0.00
DISCCART	370159.66	3810767.48	0.00	0.00
DISCCART	370126.07	3810767.52	0.00	0.00
DISCCART	370092.49	3810767.56	0.00	0.00
DISCCART	370058.90	3810767.59	0.00	0.00
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DISCCART	370144.46	3810239.54	0.00	0.00
DISCCART	370132.20	3810261.33	0.00	0.00
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DISCCART	370209.86	3810583.37	0.00	0.00
DISCCART	370245.40	3810576.61	0.00	0.00
DISCCART	370032.52	3810649.52	0.00	0.00
DISCCART	369996.88	3810643.69	0.00	0.00
DISCCART	369961.23	3810637.86	0.00	0.00
DISCCART	369925.59	3810632.02	0.00	0.00
DISCCART	370228.55	3810681.61	0.00	0.00
DISCCART	370264.09	3810674.85	0.00	0.00
DISCCART	370035.24	3810745.15	0.00	0.00
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DISCCART	369964.58	3810733.58	0.00	0.00
DISCCART	369929.25	3810727.80	0.00	0.00
DISCCART	369893.92	3810722.02	0.00	0.00
DISCCART	370247.23	3810779.85	0.00	0.00
DISCCART	370282.77	3810773.09	0.00	0.00
DISCCART	370197.71	3810206.90	0.00	0.00
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DISCCART	370202.72	3810281.74	0.00	0.00
DISCCART	370196.72	3810382.36	0.00	0.00
DISCCART	370210.76	3810782.32	0.00	0.00
DISCCART	370233.35	3810215.24	0.00	0.00
DISCCART	370261.27	3810183.94	0.00	0.00
DISCCART	370265.97	3810216.23	0.00	0.00
DISCCART	370284.63	3810232.88	0.00	0.00
DISCCART	370328.30	3810323.40	0.00	0.00
DISCCART	370294.33	3810340.00	0.00	0.00
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DISCCART	370458.30	3810465.94	0.00	0.00
DISCCART	370422.07	3810483.65	0.00	0.00
DISCCART	370385.83	3810501.36	0.00	0.00
DISCCART	370331.48	3810527.93	0.00	0.00
DISCCART	370295.24	3810545.64	0.00	0.00
DISCCART	370522.46	3810416.93	0.00	0.00
DISCCART	370551.29	3810523.53	0.00	0.00
DISCCART	370497.65	3810549.75	0.00	0.00
DISCCART	370461.89	3810567.23	0.00	0.00
DISCCART	370426.13	3810584.71	0.00	0.00

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DISCCART	370354.61	3810619.67	0.00	0.00
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DISCCART	370625.26	3810590.42	0.00	0.00
DISCCART	370588.20	3810608.53	0.00	0.00
DISCCART	370551.14	3810626.65	0.00	0.00
DISCCART	370514.08	3810644.76	0.00	0.00
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DISCCART	370402.91	3810699.10	0.00	0.00
DISCCART	370365.85	3810717.22	0.00	0.00
DISCCART	370328.79	3810735.33	0.00	0.00
DISCCART	370657.75	3810565.71	0.00	0.00
DISCCART	370310.12	3810228.19	0.00	0.00
DISCCART	370352.14	3810424.69	0.00	0.00
DISCCART	370419.69	3810508.14	0.00	0.00
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DISCCART	370443.10	3810710.57	0.00	0.00
DISCCART	370480.33	3810698.73	0.00	0.00
DISCCART	370315.59	3810145.14	0.00	0.00
DISCCART	370332.76	3810163.31	0.00	0.00
DISCCART	370365.16	3810167.10	0.00	0.00
DISCCART	370420.43	3810281.39	0.00	0.00
DISCCART	370471.57	3810364.41	0.00	0.00
DISCCART	370556.08	3810427.76	0.00	0.00
DISCCART	370487.89	3810467.95	0.00	0.00
DISCCART	370588.36	3810403.33	0.00	0.00
DISCCART	370624.37	3810500.68	0.00	0.00
DISCCART	370589.50	3810521.23	0.00	0.00
DISCCART	370502.32	3810572.61	0.00	0.00
DISCCART	370657.04	3810476.01	0.00	0.00
DISCCART	370692.78	3810573.52	0.00	0.00
DISCCART	370657.37	3810594.39	0.00	0.00
DISCCART	370621.96	3810615.26	0.00	0.00
DISCCART	370586.56	3810636.13	0.00	0.00
DISCCART	370551.15	3810656.99	0.00	0.00
DISCCART	370515.74	3810677.86	0.00	0.00
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DISCCART	370389.11	3810154.67	0.00	0.00
DISCCART	370391.81	3810179.53	0.00	0.00
DISCCART	370415.16	3810176.99	0.00	0.00
DISCCART	370438.51	3810174.45	0.00	0.00
DISCCART	370417.86	3810201.84	0.00	0.00
DISCCART	370441.21	3810199.30	0.00	0.00

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DISCCART	370462.82	3810398.13	0.00	0.00
DISCCART	370450.28	3810500.09	0.00	0.00
DISCCART	370473.63	3810497.55	0.00	0.00
DISCCART	370484.43	3810596.96	0.00	0.00
DISCCART	370469.75	3810120.80	0.00	0.00
DISCCART	370475.10	3810170.51	0.00	0.00
DISCCART	370477.78	3810195.37	0.00	0.00
DISCCART	370488.48	3810294.79	0.00	0.00
DISCCART	370499.18	3810394.22	0.00	0.00
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DISCCART	370029.62	3810485.25	0.00	0.00
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DISCCART	370500.67	3810191.77	0.00	0.00
DISCCART	370526.05	3810192.62	0.00	0.00
DISCCART	370499.83	3810216.75	0.00	0.00
DISCCART	370525.21	3810217.60	0.00	0.00
DISCCART	370399.31	3810267.15	0.00	0.00
DISCCART	370377.72	3810256.14	0.00	0.00
DISCCART	370356.13	3810245.13	0.00	0.00
DISCCART	370496.49	3810316.70	0.00	0.00
DISCCART	370521.87	3810317.55	0.00	0.00
DISCCART	370482.34	3810411.14	0.00	0.00
DISCCART	370395.97	3810367.09	0.00	0.00
DISCCART	370374.37	3810356.08	0.00	0.00
DISCCART	370352.78	3810345.07	0.00	0.00
DISCCART	370277.20	3810306.53	0.00	0.00
DISCCART	370400.22	3810470.91	0.00	0.00
DISCCART	370377.82	3810459.49	0.00	0.00
DISCCART	370355.43	3810448.07	0.00	0.00
DISCCART	370299.44	3810419.53	0.00	0.00
DISCCART	370277.05	3810408.11	0.00	0.00
DISCCART	370489.79	3810516.59	0.00	0.00
DISCCART	370397.53	3810571.19	0.00	0.00
DISCCART	370375.30	3810559.86	0.00	0.00
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DISCCART	370308.61	3810525.85	0.00	0.00
DISCCART	370286.38	3810514.52	0.00	0.00
DISCCART	370253.04	3810497.52	0.00	0.00
DISCCART	370499.13	3810616.95	0.00	0.00
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DISCCART	370350.37	3810648.80	0.00	0.00

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DISCCART	370272.95	3810609.32	0.00	0.00
DISCCART	370162.35	3810552.92	0.00	0.00
DISCCART	370140.23	3810541.64	0.00	0.00
DISCCART	370118.11	3810530.36	0.00	0.00
DISCCART	370095.99	3810519.08	0.00	0.00
DISCCART	370073.87	3810507.80	0.00	0.00
DISCCART	370495.79	3810716.90	0.00	0.00
DISCCART	370547.88	3810133.53	0.00	0.00
DISCCART	370567.34	3810109.84	0.00	0.00
DISCCART	370586.66	3810125.71	0.00	0.00
DISCCART	370548.33	3810188.20	0.00	0.00
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DISCCART	370554.92	3810211.72	0.00	0.00
DISCCART	370671.09	3810253.82	0.00	0.00
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DISCCART	370596.14	3810302.83	0.00	0.00
DISCCART	370566.43	3810308.72	0.00	0.00
DISCCART	370692.83	3810232.76	0.00	0.00
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DISCCART	370724.32	3810335.72	0.00	0.00
DISCCART	370700.28	3810354.15	0.00	0.00
DISCCART	370676.24	3810372.57	0.00	0.00
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DISCCART	370825.63	3810380.77	0.00	0.00
DISCCART	370801.59	3810399.20	0.00	0.00
DISCCART	370777.55	3810417.62	0.00	0.00
DISCCART	370753.52	3810436.04	0.00	0.00
DISCCART	370729.48	3810454.47	0.00	0.00
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DISCCART	370678.57	3810485.05	0.00	0.00
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DISCCART	370847.38	3810359.71	0.00	0.00
DISCCART	370902.90	3810444.25	0.00	0.00
DISCCART	370878.86	3810462.67	0.00	0.00
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DISCCART	370806.75	3810517.94	0.00	0.00
DISCCART	370782.71	3810536.37	0.00	0.00
DISCCART	370758.68	3810554.79	0.00	0.00
DISCCART	370719.78	3810576.16	0.00	0.00
DISCCART	370924.65	3810423.19	0.00	0.00
DISCCART	370980.17	3810507.72	0.00	0.00
DISCCART	370956.14	3810526.14	0.00	0.00
DISCCART	370932.10	3810544.57	0.00	0.00
DISCCART	370908.06	3810562.99	0.00	0.00
DISCCART	370884.02	3810581.42	0.00	0.00
DISCCART	370859.99	3810599.84	0.00	0.00
DISCCART	370835.95	3810618.27	0.00	0.00

DISCCART	370811.91	3810636.69	0.00	0.00
DISCCART	370787.87	3810655.12	0.00	0.00
DISCCART	370761.00	3810667.27	0.00	0.00
DISCCART	370731.29	3810673.16	0.00	0.00
DISCCART	370701.58	3810679.05	0.00	0.00
DISCCART	370671.87	3810684.94	0.00	0.00
DISCCART	370642.17	3810690.83	0.00	0.00
DISCCART	370612.46	3810696.71	0.00	0.00
DISCCART	370582.75	3810702.60	0.00	0.00
DISCCART	370538.19	3810711.44	0.00	0.00
DISCCART	371001.92	3810486.66	0.00	0.00
DISCCART	370553.81	3810393.91	0.00	0.00
DISCCART	370555.75	3810493.90	0.00	0.00
DISCCART	370557.68	3810593.88	0.00	0.00
DISCCART	370620.55	3810108.03	0.00	0.00
DISCCART	370657.78	3810091.96	0.00	0.00
DISCCART	370630.46	3810130.99	0.00	0.00
DISCCART	370667.69	3810114.91	0.00	0.00
DISCCART	370658.98	3810145.90	0.00	0.00
DISCCART	370696.21	3810129.83	0.00	0.00
DISCCART	370631.66	3810184.93	0.00	0.00
DISCCART	370668.89	3810168.85	0.00	0.00
DISCCART	370706.12	3810152.78	0.00	0.00
DISCCART	370671.30	3810276.74	0.00	0.00
DISCCART	370708.53	3810260.66	0.00	0.00
DISCCART	370745.76	3810244.59	0.00	0.00
DISCCART	370729.56	3810360.51	0.00	0.00
DISCCART	370766.79	3810344.43	0.00	0.00
DISCCART	370769.20	3810452.31	0.00	0.00
DISCCART	370806.43	3810436.24	0.00	0.00
DISCCART	370808.84	3810544.12	0.00	0.00
DISCCART	370846.07	3810528.05	0.00	0.00
DISCCART	370867.09	3810627.89	0.00	0.00
DISCCART	370904.32	3810611.82	0.00	0.00
DISCCART	370683.34	3810079.43	0.00	0.00
DISCCART	370701.61	3810062.74	0.00	0.00
DISCCART	370719.87	3810046.06	0.00	0.00
DISCCART	370738.14	3810029.37	0.00	0.00
DISCCART	370756.41	3810012.68	0.00	0.00
DISCCART	370774.67	3809996.00	0.00	0.00
DISCCART	370700.20	3810097.89	0.00	0.00
DISCCART	370718.47	3810081.20	0.00	0.00
DISCCART	370736.73	3810064.51	0.00	0.00
DISCCART	370755.00	3810047.83	0.00	0.00
DISCCART	370773.27	3810031.14	0.00	0.00
DISCCART	370791.53	3810014.46	0.00	0.00
DISCCART	370717.06	3810116.34	0.00	0.00
DISCCART	370735.33	3810099.66	0.00	0.00
DISCCART	370753.60	3810082.97	0.00	0.00
DISCCART	370771.86	3810066.29	0.00	0.00

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DISCCART	370752.19	3810118.12	0.00	0.00
DISCCART	370770.46	3810101.43	0.00	0.00
DISCCART	370788.72	3810084.74	0.00	0.00
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DISCCART	370782.83	3810220.62	0.00	0.00
DISCCART	370819.64	3810191.95	0.00	0.00
DISCCART	370837.90	3810175.26	0.00	0.00
DISCCART	370856.17	3810158.58	0.00	0.00
DISCCART	370874.43	3810141.89	0.00	0.00
DISCCART	370892.70	3810125.20	0.00	0.00
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DISCCART	370818.77	3810314.82	0.00	0.00
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DISCCART	370923.61	3810232.41	0.00	0.00
DISCCART	370941.88	3810215.72	0.00	0.00
DISCCART	370960.15	3810199.04	0.00	0.00
DISCCART	370917.72	3810368.28	0.00	0.00
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DISCCART	370954.53	3810339.61	0.00	0.00
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DISCCART	371009.33	3810289.55	0.00	0.00
DISCCART	371027.59	3810272.87	0.00	0.00
DISCCART	370983.85	3810442.97	0.00	0.00
DISCCART	370963.99	3810455.81	0.00	0.00
DISCCART	370944.12	3810468.65	0.00	0.00
DISCCART	370924.26	3810481.49	0.00	0.00
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DISCCART	371058.50	3810380.07	0.00	0.00
DISCCART	371076.77	3810363.38	0.00	0.00
DISCCART	371095.04	3810346.70	0.00	0.00
DISCCART	371052.62	3810515.94	0.00	0.00
DISCCART	371015.54	3810539.91	0.00	0.00
DISCCART	370978.47	3810563.88	0.00	0.00
DISCCART	370941.40	3810587.85	0.00	0.00
DISCCART	371089.42	3810487.27	0.00	0.00
DISCCART	371107.68	3810470.59	0.00	0.00
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DISCCART	371144.22	3810437.22	0.00	0.00
DISCCART	371162.48	3810420.53	0.00	0.00

DISCCART	370823.63	3810014.70	0.00	0.00
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DISCCART	370964.07	3810039.81	0.00	0.00
DISCCART	370987.47	3810044.00	0.00	0.00
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DISCCART	370936.26	3810060.24	0.00	0.00
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DISCCART	370978.67	3810093.21	0.00	0.00
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DISCCART	370974.27	3810117.82	0.00	0.00
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DISCCART	370751.83	3810281.23	0.00	0.00
DISCCART	370798.64	3810289.60	0.00	0.00
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DISCCART	370757.63	3810383.85	0.00	0.00
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DISCCART	370740.04	3810482.29	0.00	0.00

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DISCCART	370769.25	3810589.10	0.00	0.00
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DISCCART	371071.06	3810084.32	0.00	0.00
DISCCART	371095.51	3810086.05	0.00	0.00
DISCCART	371119.96	3810087.78	0.00	0.00
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DISCCART	371069.29	3810109.26	0.00	0.00
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DISCCART	371142.66	3810114.45	0.00	0.00
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DISCCART	371043.08	3810132.47	0.00	0.00
DISCCART	371067.53	3810134.20	0.00	0.00
DISCCART	371091.99	3810135.93	0.00	0.00
DISCCART	371116.44	3810137.66	0.00	0.00
DISCCART	371140.89	3810139.38	0.00	0.00
DISCCART	370997.98	3810148.13	0.00	0.00
DISCCART	371041.32	3810157.41	0.00	0.00
DISCCART	371065.77	3810159.14	0.00	0.00
DISCCART	371090.22	3810160.87	0.00	0.00
DISCCART	371114.68	3810162.59	0.00	0.00
DISCCART	371139.13	3810164.32	0.00	0.00
DISCCART	370987.16	3810246.37	0.00	0.00
DISCCART	370964.51	3810237.31	0.00	0.00
DISCCART	370843.84	3810128.00	0.00	0.00
DISCCART	371009.81	3810255.43	0.00	0.00
DISCCART	371058.72	3810258.89	0.00	0.00
DISCCART	371083.17	3810260.62	0.00	0.00
DISCCART	371107.63	3810262.34	0.00	0.00
DISCCART	371132.08	3810264.07	0.00	0.00
DISCCART	370981.53	3810346.69	0.00	0.00
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DISCCART	370729.65	3810302.74	0.00	0.00
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DISCCART	371044.62	3810458.39	0.00	0.00
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DISCCART	370680.16	3810401.95	0.00	0.00
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DISCCART	371062.03	3810559.87	0.00	0.00
DISCCART	371086.48	3810561.60	0.00	0.00
DISCCART	371110.94	3810563.33	0.00	0.00
DISCCART	370958.96	3810645.38	0.00	0.00
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DISCCART	370687.13	3810536.66	0.00	0.00
DISCCART	370664.47	3810527.60	0.00	0.00
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DISCCART	371006.07	3810656.17	0.00	0.00
DISCCART	371030.53	3810657.89	0.00	0.00
DISCCART	371054.98	3810659.62	0.00	0.00
DISCCART	371079.43	3810661.35	0.00	0.00
DISCCART	371103.89	3810663.08	0.00	0.00
DISCCART	371167.52	3810080.61	0.00	0.00
DISCCART	371165.45	3810108.66	0.00	0.00
DISCCART	371178.88	3810129.75	0.00	0.00
DISCCART	371191.23	3810151.11	0.00	0.00
DISCCART	371165.18	3810157.71	0.00	0.00
DISCCART	371244.97	3810235.44	0.00	0.00
DISCCART	371218.92	3810242.05	0.00	0.00
DISCCART	371192.87	3810248.66	0.00	0.00
DISCCART	371166.82	3810255.26	0.00	0.00
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DISCCART	371272.65	3810326.39	0.00	0.00
DISCCART	371246.60	3810332.99	0.00	0.00
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DISCCART	371168.45	3810352.81	0.00	0.00
DISCCART	371352.12	3810404.20	0.00	0.00
DISCCART	371325.10	3810411.05	0.00	0.00
DISCCART	371298.09	3810417.90	0.00	0.00
DISCCART	371271.07	3810424.75	0.00	0.00
DISCCART	371244.06	3810431.60	0.00	0.00
DISCCART	371217.04	3810438.45	0.00	0.00
DISCCART	371190.03	3810445.30	0.00	0.00
DISCCART	371163.01	3810452.16	0.00	0.00
DISCCART	371405.92	3810488.51	0.00	0.00
DISCCART	371379.10	3810495.32	0.00	0.00
DISCCART	371352.29	3810502.12	0.00	0.00
DISCCART	371325.47	3810508.92	0.00	0.00
DISCCART	371298.65	3810515.72	0.00	0.00
DISCCART	371271.84	3810522.52	0.00	0.00
DISCCART	371245.02	3810529.32	0.00	0.00
DISCCART	371218.20	3810536.12	0.00	0.00
DISCCART	371191.39	3810542.92	0.00	0.00

DISCCART	371164.57	3810549.72	0.00	0.00
DISCCART	371137.75	3810556.53	0.00	0.00
DISCCART	371459.70	3810572.84	0.00	0.00
DISCCART	371433.01	3810579.61	0.00	0.00
DISCCART	371406.33	3810586.37	0.00	0.00
DISCCART	371379.64	3810593.14	0.00	0.00
DISCCART	371352.96	3810599.91	0.00	0.00
DISCCART	371326.27	3810606.68	0.00	0.00
DISCCART	371299.58	3810613.45	0.00	0.00
DISCCART	371272.90	3810620.21	0.00	0.00
DISCCART	371246.21	3810626.98	0.00	0.00
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DISCCART	371189.44	3810092.64	0.00	0.00
DISCCART	371204.09	3810042.27	0.00	0.00
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DISCCART	371211.36	3810104.66	0.00	0.00
DISCCART	371229.09	3810042.27	0.00	0.00
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DISCCART	371254.09	3810042.27	0.00	0.00
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DISCCART	371341.76	3810107.63	0.00	0.00
DISCCART	371333.55	3810139.69	0.00	0.00
DISCCART	371318.13	3810167.80	0.00	0.00
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DISCCART	371272.87	3810216.12	0.00	0.00
DISCCART	371354.09	3810042.27	0.00	0.00
DISCCART	371449.98	3810075.56	0.00	0.00
DISCCART	371441.76	3810107.63	0.00	0.00
DISCCART	371433.55	3810139.69	0.00	0.00
DISCCART	371425.33	3810171.75	0.00	0.00
DISCCART	371405.80	3810215.90	0.00	0.00
DISCCART	371383.17	3810240.06	0.00	0.00
DISCCART	371360.55	3810264.22	0.00	0.00
DISCCART	371337.92	3810288.38	0.00	0.00
DISCCART	371454.09	3810042.27	0.00	0.00
DISCCART	371549.98	3810075.56	0.00	0.00
DISCCART	371541.76	3810107.63	0.00	0.00
DISCCART	371533.55	3810139.69	0.00	0.00
DISCCART	371525.33	3810171.75	0.00	0.00
DISCCART	371517.11	3810203.82	0.00	0.00
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DISCCART	371493.47	3810263.99	0.00	0.00
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DISCCART	371448.22	3810312.31	0.00	0.00

DISCCART	371425.60	3810336.47	0.00	0.00
DISCCART	371402.97	3810360.63	0.00	0.00
DISCCART	371380.35	3810384.79	0.00	0.00
DISCCART	371554.09	3810042.27	0.00	0.00
DISCCART	371649.98	3810075.56	0.00	0.00
DISCCART	371641.76	3810107.63	0.00	0.00
DISCCART	371633.55	3810139.69	0.00	0.00
DISCCART	371625.33	3810171.75	0.00	0.00
DISCCART	371617.11	3810203.82	0.00	0.00
DISCCART	371608.90	3810235.88	0.00	0.00
DISCCART	371600.68	3810267.95	0.00	0.00
DISCCART	371581.15	3810312.09	0.00	0.00
DISCCART	371558.52	3810336.25	0.00	0.00
DISCCART	371535.90	3810360.41	0.00	0.00
DISCCART	371513.27	3810384.57	0.00	0.00
DISCCART	371490.65	3810408.73	0.00	0.00
DISCCART	371468.02	3810432.89	0.00	0.00
DISCCART	371445.39	3810457.05	0.00	0.00
DISCCART	371654.09	3810042.27	0.00	0.00
DISCCART	371749.98	3810075.56	0.00	0.00
DISCCART	371741.76	3810107.63	0.00	0.00
DISCCART	371733.55	3810139.69	0.00	0.00
DISCCART	371725.33	3810171.75	0.00	0.00
DISCCART	371717.11	3810203.82	0.00	0.00
DISCCART	371708.90	3810235.88	0.00	0.00
DISCCART	371700.68	3810267.95	0.00	0.00
DISCCART	371692.46	3810300.01	0.00	0.00
DISCCART	371684.24	3810332.07	0.00	0.00
DISCCART	371668.82	3810360.18	0.00	0.00
DISCCART	371646.20	3810384.34	0.00	0.00
DISCCART	371623.57	3810408.50	0.00	0.00
DISCCART	371600.95	3810432.66	0.00	0.00
DISCCART	371578.32	3810456.82	0.00	0.00
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DISCCART	371533.07	3810505.14	0.00	0.00
DISCCART	371510.44	3810529.30	0.00	0.00
DISCCART	371487.82	3810553.46	0.00	0.00
DISCCART	371754.09	3810042.27	0.00	0.00
DISCCART	371146.62	3810066.13	0.00	0.00
DISCCART	371094.34	3810233.14	0.00	0.00
DISCCART	371064.47	3810328.57	0.00	0.00
DISCCART	371046.09	3810427.60	0.00	0.00
DISCCART	371004.72	3810519.44	0.00	0.00
DISCCART	370974.84	3810614.87	0.00	0.00
DISCCART	371119.52	3810240.49	0.00	0.00
DISCCART	371073.44	3810435.11	0.00	0.00
DISCCART	371100.77	3810441.58	0.00	0.00
DISCCART	371064.07	3810535.66	0.00	0.00
DISCCART	371017.11	3810626.92	0.00	0.00
DISCCART	371041.03	3810632.97	0.00	0.00

DISCCART	371219.95	3810008.48	0.00	0.00
DISCCART	371220.98	3809985.98	0.00	0.00
DISCCART	371222.00	3809963.48	0.00	0.00
DISCCART	371223.03	3809940.98	0.00	0.00
DISCCART	371224.06	3809918.48	0.00	0.00
DISCCART	371225.08	3809895.98	0.00	0.00
DISCCART	371244.92	3810009.62	0.00	0.00
DISCCART	371245.95	3809987.12	0.00	0.00
DISCCART	371246.98	3809964.62	0.00	0.00
DISCCART	371248.00	3809942.12	0.00	0.00
DISCCART	371249.03	3809919.62	0.00	0.00
DISCCART	371250.06	3809897.12	0.00	0.00
DISCCART	371269.90	3810010.76	0.00	0.00
DISCCART	371270.92	3809988.26	0.00	0.00
DISCCART	371271.95	3809965.76	0.00	0.00
DISCCART	371272.98	3809943.26	0.00	0.00
DISCCART	371274.00	3809920.76	0.00	0.00
DISCCART	371275.03	3809898.26	0.00	0.00
DISCCART	371282.90	3810075.72	0.00	0.00
DISCCART	371263.07	3810113.35	0.00	0.00
DISCCART	371211.52	3810140.91	0.00	0.00
DISCCART	371293.84	3810034.40	0.00	0.00
DISCCART	371294.87	3810011.90	0.00	0.00
DISCCART	371295.90	3809989.40	0.00	0.00
DISCCART	371296.92	3809966.90	0.00	0.00
DISCCART	371297.95	3809944.40	0.00	0.00
DISCCART	371298.98	3809921.90	0.00	0.00
DISCCART	371300.01	3809899.40	0.00	0.00
DISCCART	371382.80	3810080.28	0.00	0.00
DISCCART	371362.96	3810117.91	0.00	0.00
DISCCART	371323.29	3810193.18	0.00	0.00
DISCCART	371393.74	3810038.96	0.00	0.00
DISCCART	371394.77	3810016.46	0.00	0.00
DISCCART	371395.79	3809993.96	0.00	0.00
DISCCART	371396.82	3809971.46	0.00	0.00
DISCCART	371397.85	3809948.96	0.00	0.00
DISCCART	371398.87	3809926.46	0.00	0.00
DISCCART	371399.90	3809903.96	0.00	0.00
DISCCART	371482.69	3810084.84	0.00	0.00
DISCCART	371462.86	3810122.47	0.00	0.00
DISCCART	371423.19	3810197.74	0.00	0.00
DISCCART	371383.52	3810273.01	0.00	0.00
DISCCART	371144.63	3810339.90	0.00	0.00
DISCCART	371493.64	3810043.52	0.00	0.00
DISCCART	371494.66	3810021.02	0.00	0.00
DISCCART	371495.69	3809998.52	0.00	0.00
DISCCART	371496.72	3809976.02	0.00	0.00
DISCCART	371497.74	3809953.52	0.00	0.00
DISCCART	371498.77	3809931.02	0.00	0.00
DISCCART	371499.80	3809908.52	0.00	0.00

DISCCART	371582.59	3810089.40	0.00	0.00
DISCCART	371562.75	3810127.03	0.00	0.00
DISCCART	371443.75	3810352.84	0.00	0.00
DISCCART	371225.67	3810415.36	0.00	0.00
DISCCART	371593.53	3810048.08	0.00	0.00
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DISCCART	371595.59	3810003.08	0.00	0.00
DISCCART	371596.61	3809980.58	0.00	0.00
DISCCART	371597.64	3809958.08	0.00	0.00
DISCCART	371598.67	3809935.58	0.00	0.00
DISCCART	371599.69	3809913.08	0.00	0.00
DISCCART	371681.96	3810094.95	0.00	0.00
DISCCART	371661.08	3810134.56	0.00	0.00
DISCCART	371514.94	3810411.87	0.00	0.00
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DISCCART	371693.43	3810052.64	0.00	0.00
DISCCART	371694.45	3810030.14	0.00	0.00
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DISCCART	371668.12	3810315.32	0.00	0.00
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DISCCART	371445.68	3810554.11	0.00	0.00
DISCCART	371402.24	3810563.23	0.00	0.00
DISCCART	371358.80	3810572.35	0.00	0.00
DISCCART	371315.36	3810581.48	0.00	0.00
DISCCART	371271.91	3810590.60	0.00	0.00
DISCCART	371228.47	3810599.72	0.00	0.00
DISCCART	371185.03	3810608.84	0.00	0.00
DISCCART	371141.58	3810617.96	0.00	0.00
DISCCART	371098.14	3810627.08	0.00	0.00
DISCCART	371793.32	3810057.20	0.00	0.00
DISCCART	371794.35	3810034.70	0.00	0.00
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DISCCART	371796.40	3809989.70	0.00	0.00
DISCCART	371797.43	3809967.20	0.00	0.00
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DISCCART	371267.21	3809866.99	0.00	0.00
DISCCART	371257.78	3809845.06	0.00	0.00
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DISCCART	371387.55	3809854.55	0.00	0.00
DISCCART	371393.73	3809879.25	0.00	0.00
DISCCART	371365.28	3809781.27	0.00	0.00
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DISCCART	371493.38	3809882.86	0.00	0.00
DISCCART	371451.28	3809730.24	0.00	0.00
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DISCCART	371645.90	3809702.86	0.00	0.00
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DISCCART	371410.26	3809742.67	0.00	0.00
DISCCART	371476.46	3809936.74	0.00	0.00
DISCCART	371459.89	3809978.20	0.00	0.00
DISCCART	371443.32	3810019.66	0.00	0.00
DISCCART	371504.06	3809801.31	0.00	0.00
DISCCART	371506.82	3809777.81	0.00	0.00
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DISCCART	371566.57	3809971.43	0.00	0.00
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DISCCART	371523.61	3810078.91	0.00	0.00
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DISCCART	371611.11	3810120.12	0.00	0.00

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DISCCART	371683.27	3810199.72	0.00	0.00
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DISCCART	371241.61	3809695.52	0.00	0.00
DISCCART	371238.97	3809652.85	0.00	0.00
DISCCART	371236.33	3809610.18	0.00	0.00
DISCCART	371233.69	3809567.51	0.00	0.00
DISCCART	371266.56	3809693.97	0.00	0.00
DISCCART	371263.92	3809651.30	0.00	0.00
DISCCART	371261.28	3809608.63	0.00	0.00
DISCCART	371258.64	3809565.96	0.00	0.00
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DISCCART	371288.88	3809649.76	0.00	0.00
DISCCART	371286.24	3809607.09	0.00	0.00
DISCCART	371283.60	3809564.42	0.00	0.00
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DISCCART	371315.15	3809669.55	0.00	0.00
DISCCART	371312.51	3809626.88	0.00	0.00
DISCCART	371309.87	3809584.21	0.00	0.00
DISCCART	371414.77	3809703.52	0.00	0.00
DISCCART	371414.96	3809663.37	0.00	0.00
DISCCART	371412.32	3809620.70	0.00	0.00
DISCCART	371409.68	3809578.03	0.00	0.00
DISCCART	371514.39	3809699.70	0.00	0.00
DISCCART	371514.77	3809657.20	0.00	0.00
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DISCCART	371509.49	3809571.86	0.00	0.00
DISCCART	371614.38	3809691.17	0.00	0.00
DISCCART	371611.36	3809728.80	0.00	0.00
DISCCART	371611.94	3809608.35	0.00	0.00
DISCCART	371609.30	3809565.68	0.00	0.00
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DISCCART	371707.79	3809538.17	0.00	0.00
DISCCART	371813.81	3809681.17	0.00	0.00
DISCCART	371810.41	3809723.50	0.00	0.00
DISCCART	371807.01	3809765.83	0.00	0.00
DISCCART	371814.19	3809638.67	0.00	0.00
DISCCART	371811.55	3809596.00	0.00	0.00
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DISCCART	371220.42	3809538.97	0.00	0.00
DISCCART	371200.28	3809503.49	0.00	0.00

DISCCART	371252.23	3809544.37	0.00	0.00
DISCCART	371232.09	3809508.89	0.00	0.00
DISCCART	371273.97	3809532.04	0.00	0.00
DISCCART	371253.84	3809496.56	0.00	0.00
DISCCART	371299.99	3809534.09	0.00	0.00
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DISCCART	371265.51	3809466.48	0.00	0.00
DISCCART	371387.82	3809487.61	0.00	0.00
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DISCCART	371352.49	3809417.12	0.00	0.00
DISCCART	371475.16	3809439.50	0.00	0.00
DISCCART	371486.16	3809476.50	0.00	0.00
DISCCART	371497.16	3809513.51	0.00	0.00
DISCCART	371459.59	3809403.25	0.00	0.00
DISCCART	371439.46	3809367.77	0.00	0.00
DISCCART	371562.34	3809390.83	0.00	0.00
DISCCART	371573.75	3809429.21	0.00	0.00
DISCCART	371585.16	3809467.59	0.00	0.00
DISCCART	371596.57	3809505.97	0.00	0.00
DISCCART	371546.56	3809353.90	0.00	0.00
DISCCART	371526.43	3809318.42	0.00	0.00
DISCCART	371648.95	3809340.27	0.00	0.00
DISCCART	371659.65	3809376.26	0.00	0.00
DISCCART	371670.35	3809412.24	0.00	0.00
DISCCART	371681.04	3809448.22	0.00	0.00
DISCCART	371691.74	3809484.20	0.00	0.00
DISCCART	371633.54	3809304.54	0.00	0.00
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DISCCART	371736.08	3809291.44	0.00	0.00
DISCCART	371747.08	3809328.45	0.00	0.00
DISCCART	371758.08	3809365.46	0.00	0.00
DISCCART	371769.09	3809402.46	0.00	0.00
DISCCART	371780.09	3809439.47	0.00	0.00
DISCCART	371791.09	3809476.48	0.00	0.00
DISCCART	371802.09	3809513.49	0.00	0.00
DISCCART	371720.51	3809255.19	0.00	0.00
DISCCART	371700.38	3809219.71	0.00	0.00
DISCCART	371213.90	3809479.62	0.00	0.00
DISCCART	371371.98	3809566.64	0.00	0.00
DISCCART	371468.70	3809592.05	0.00	0.00
DISCCART	371479.88	3809549.49	0.00	0.00
DISCCART	371565.41	3809617.46	0.00	0.00
DISCCART	371576.59	3809574.90	0.00	0.00
DISCCART	371662.13	3809642.86	0.00	0.00
DISCCART	371673.31	3809600.30	0.00	0.00
DISCCART	371758.85	3809668.27	0.00	0.00
DISCCART	371770.03	3809625.71	0.00	0.00
DISCCART	371231.90	3809459.40	0.00	0.00
DISCCART	371348.34	3809595.09	0.00	0.00

DISCCART	371438.82	3809641.46	0.00	0.00
DISCCART	371240.09	3809428.48	0.00	0.00
DISCCART	371246.85	3809388.73	0.00	0.00
DISCCART	371264.74	3809432.67	0.00	0.00
DISCCART	371271.50	3809392.92	0.00	0.00
DISCCART	371286.01	3809456.74	0.00	0.00
DISCCART	371292.76	3809416.99	0.00	0.00
DISCCART	371299.52	3809377.24	0.00	0.00
DISCCART	371304.23	3809475.64	0.00	0.00
DISCCART	371314.03	3809441.05	0.00	0.00
DISCCART	371320.79	3809401.30	0.00	0.00
DISCCART	371409.24	3809477.68	0.00	0.00
DISCCART	371416.00	3809437.93	0.00	0.00
DISCCART	371422.75	3809398.18	0.00	0.00
DISCCART	371511.21	3809474.56	0.00	0.00
DISCCART	371517.96	3809434.81	0.00	0.00
DISCCART	371598.70	3809528.85	0.00	0.00
DISCCART	371544.72	3809652.49	0.00	0.00
DISCCART	371613.17	3809471.43	0.00	0.00
DISCCART	371619.93	3809431.68	0.00	0.00
DISCCART	371688.94	3809564.74	0.00	0.00
DISCCART	371708.38	3809508.06	0.00	0.00
DISCCART	371715.14	3809468.31	0.00	0.00
DISCCART	371788.17	3809580.02	0.00	0.00
DISCCART	371813.72	3809485.07	0.00	0.00
DISCCART	371225.14	3809339.67	0.00	0.00
DISCCART	371181.23	3809340.45	0.00	0.00
DISCCART	371137.32	3809341.23	0.00	0.00
DISCCART	371244.09	3809323.38	0.00	0.00
DISCCART	371269.18	3809352.56	0.00	0.00
DISCCART	371202.74	3809315.07	0.00	0.00
DISCCART	371158.83	3809315.85	0.00	0.00
DISCCART	371243.65	3809298.38	0.00	0.00
DISCCART	371288.14	3809336.26	0.00	0.00
DISCCART	371202.29	3809290.07	0.00	0.00
DISCCART	371158.38	3809290.85	0.00	0.00
DISCCART	371243.21	3809273.38	0.00	0.00
DISCCART	371282.01	3809290.78	0.00	0.00
DISCCART	371307.10	3809319.96	0.00	0.00
DISCCART	371318.48	3809360.94	0.00	0.00
DISCCART	371201.85	3809265.08	0.00	0.00
DISCCART	371157.94	3809265.86	0.00	0.00
DISCCART	371241.43	3809173.40	0.00	0.00
DISCCART	371280.23	3809190.80	0.00	0.00
DISCCART	371319.03	3809208.19	0.00	0.00
DISCCART	371357.84	3809225.59	0.00	0.00
DISCCART	371382.93	3809254.77	0.00	0.00
DISCCART	371394.31	3809295.75	0.00	0.00
DISCCART	371405.68	3809336.72	0.00	0.00
DISCCART	371200.07	3809165.09	0.00	0.00

DISCCART	371156.16	3809165.87	0.00	0.00
DISCCART	371239.65	3809073.42	0.00	0.00
DISCCART	371278.46	3809090.81	0.00	0.00
DISCCART	371317.26	3809108.21	0.00	0.00
DISCCART	371356.06	3809125.60	0.00	0.00
DISCCART	371394.86	3809143.00	0.00	0.00
DISCCART	371433.66	3809160.40	0.00	0.00
DISCCART	371458.76	3809189.58	0.00	0.00
DISCCART	371470.13	3809230.55	0.00	0.00
DISCCART	371481.51	3809271.53	0.00	0.00
DISCCART	371492.89	3809312.50	0.00	0.00
DISCCART	371504.27	3809353.47	0.00	0.00
DISCCART	371515.65	3809394.44	0.00	0.00
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DISCCART	371154.39	3809065.89	0.00	0.00
DISCCART	371237.88	3808973.43	0.00	0.00
DISCCART	371276.68	3808990.83	0.00	0.00
DISCCART	371315.48	3809008.22	0.00	0.00
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DISCCART	371431.89	3809060.41	0.00	0.00
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DISCCART	371534.58	3809124.39	0.00	0.00
DISCCART	371545.96	3809165.36	0.00	0.00
DISCCART	371557.34	3809206.33	0.00	0.00
DISCCART	371568.72	3809247.31	0.00	0.00
DISCCART	371580.10	3809288.28	0.00	0.00
DISCCART	371591.48	3809329.25	0.00	0.00
DISCCART	371602.86	3809370.22	0.00	0.00
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DISCCART	371152.61	3808965.90	0.00	0.00
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DISCCART	371274.90	3808890.84	0.00	0.00
DISCCART	371313.71	3808908.24	0.00	0.00
DISCCART	371352.51	3808925.64	0.00	0.00
DISCCART	371391.31	3808943.03	0.00	0.00
DISCCART	371430.11	3808960.43	0.00	0.00
DISCCART	371468.92	3808977.82	0.00	0.00
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DISCCART	371585.32	3809030.01	0.00	0.00
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DISCCART	371428.34	3808860.44	0.00	0.00
DISCCART	371467.14	3808877.84	0.00	0.00
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DISCCART	371544.74	3808912.63	0.00	0.00
DISCCART	371583.55	3808930.03	0.00	0.00
DISCCART	371622.35	3808947.42	0.00	0.00
DISCCART	371661.15	3808964.82	0.00	0.00
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DISCCART	371731.76	3809157.90	0.00	0.00
DISCCART	371743.14	3809198.87	0.00	0.00
DISCCART	371754.52	3809239.84	0.00	0.00
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DISCCART	371084.93	3809067.55	0.00	0.00

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DISCCART	371124.19	3808866.41	0.00	0.00
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DISCCART	371034.82	3808868.84	0.00	0.00
DISCCART	370990.13	3808870.05	0.00	0.00
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DISCCART	371076.79	3808767.66	0.00	0.00
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DISCCART	370987.41	3808770.09	0.00	0.00
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DISCCART	371168.94	3809237.18	0.00	0.00
DISCCART	371005.11	3809123.61	0.00	0.00
DISCCART	370967.60	3809119.54	0.00	0.00
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DISCCART	371191.09	3809104.90	0.00	0.00
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DISCCART	371282.19	3809266.43	0.00	0.00
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DISCCART	370978.40	3809020.12	0.00	0.00
DISCCART	371062.14	3808935.21	0.00	0.00
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DISCCART	371279.06	3809044.30	0.00	0.00

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DISCCART	371270.32	3808935.05	0.00	0.00
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DISCCART	371376.11	3809001.79	0.00	0.00
DISCCART	371404.09	3809070.00	0.00	0.00
DISCCART	371418.08	3809104.11	0.00	0.00
DISCCART	371037.50	3808825.37	0.00	0.00
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DISCCART	371344.55	3808867.54	0.00	0.00
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DISCCART	371491.03	3809035.12	0.00	0.00
DISCCART	371504.89	3809068.93	0.00	0.00
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DISCCART	371010.79	3808721.88	0.00	0.00
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DISCCART	371226.97	3809208.93	0.00	0.00
DISCCART	371323.33	3809182.18	0.00	0.00
DISCCART	371427.78	3809184.59	0.00	0.00
DISCCART	371524.13	3809157.83	0.00	0.00
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DISCCART	370899.12	3809241.05	0.00	0.00
DISCCART	370927.34	3809227.48	0.00	0.00
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DISCCART	370983.77	3809200.33	0.00	0.00
DISCCART	370950.27	3809183.05	0.00	0.00
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DISCCART	370996.12	3809094.18	0.00	0.00
DISCCART	371087.13	3809036.94	0.00	0.00
DISCCART	371133.75	3809094.27	0.00	0.00

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DISCCART	371180.36	3809151.60	0.00	0.00
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DISCCART	371252.04	3809094.49	0.00	0.00
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DISCCART	371327.87	3809042.49	0.00	0.00
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DISCCART	371373.77	3809098.96	0.00	0.00
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DISCCART	371387.85	3808971.00	0.00	0.00
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DISCCART	371434.46	3809028.33	0.00	0.00
DISCCART	371457.77	3809057.00	0.00	0.00
DISCCART	371179.55	3808738.72	0.00	0.00
DISCCART	370867.46	3809234.56	0.00	0.00
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DISCCART	370895.89	3809213.95	0.00	0.00
DISCCART	370871.58	3809209.90	0.00	0.00
DISCCART	370900.00	3809189.29	0.00	0.00
DISCCART	370875.69	3809185.24	0.00	0.00
DISCCART	370918.81	3809169.52	0.00	0.00
DISCCART	370879.80	3809160.58	0.00	0.00
DISCCART	370940.17	3809072.51	0.00	0.00
DISCCART	370896.26	3809061.94	0.00	0.00
DISCCART	370959.07	3808974.69	0.00	0.00
DISCCART	370937.02	3808967.36	0.00	0.00
DISCCART	371012.28	3808888.26	0.00	0.00
DISCCART	371051.48	3808901.29	0.00	0.00
DISCCART	371011.93	3808784.04	0.00	0.00
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DISCCART	371095.94	3808811.96	0.00	0.00
DISCCART	370945.62	3808766.03	0.00	0.00
DISCCART	370921.31	3808761.97	0.00	0.00
DISCCART	371008.43	3808678.78	0.00	0.00
DISCCART	371030.48	3808686.10	0.00	0.00
DISCCART	371052.54	3808693.43	0.00	0.00
DISCCART	371074.59	3808700.76	0.00	0.00
DISCCART	371096.64	3808708.09	0.00	0.00
DISCCART	371118.69	3808715.42	0.00	0.00
DISCCART	371140.75	3808722.75	0.00	0.00
DISCCART	370986.38	3808671.45	0.00	0.00
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DISCCART	370937.76	3808663.34	0.00	0.00

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DISCCART	371439.04	3809255.16	0.00	0.00
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DISCCART	371333.84	3809341.70	0.00	0.00
DISCCART	371397.80	3809452.69	0.00	0.00
DISCCART	370889.69	3809134.21	0.00	0.00
DISCCART	370883.21	3809090.99	0.00	0.00
DISCCART	370876.73	3809047.77	0.00	0.00
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DISCCART	370898.21	3809022.45	0.00	0.00
DISCCART	370942.38	3809148.40	0.00	0.00
DISCCART	370935.90	3809105.18	0.00	0.00
DISCCART	370926.17	3809040.35	0.00	0.00
DISCCART	370965.18	3809161.78	0.00	0.00
DISCCART	370950.90	3809036.65	0.00	0.00
DISCCART	371059.08	3809191.38	0.00	0.00
DISCCART	371062.76	3809108.25	0.00	0.00
DISCCART	371151.92	3809028.59	0.00	0.00
DISCCART	371259.17	3809141.21	0.00	0.00
DISCCART	371257.30	3809056.97	0.00	0.00
DISCCART	371355.47	3809149.44	0.00	0.00
DISCCART	371338.65	3809298.98	0.00	0.00
DISCCART	371349.71	3808998.92	0.00	0.00
DISCCART	371456.96	3809111.54	0.00	0.00
DISCCART	371445.42	3809214.07	0.00	0.00
DISCCART	371436.20	3809296.10	0.00	0.00
DISCCART	371431.58	3809337.12	0.00	0.00
DISCCART	371451.85	3809005.69	0.00	0.00
DISCCART	370877.58	3809012.03	0.00	0.00
DISCCART	370881.83	3808989.54	0.00	0.00
DISCCART	370890.34	3808944.56	0.00	0.00
DISCCART	370894.60	3808922.07	0.00	0.00
DISCCART	370898.85	3808899.59	0.00	0.00
DISCCART	370914.91	3808949.21	0.00	0.00
DISCCART	370919.16	3808926.72	0.00	0.00
DISCCART	370923.42	3808904.23	0.00	0.00
DISCCART	370931.93	3808859.26	0.00	0.00
DISCCART	370930.96	3808998.84	0.00	0.00
DISCCART	370943.73	3808931.37	0.00	0.00
DISCCART	370947.98	3808908.88	0.00	0.00
DISCCART	370956.49	3808863.90	0.00	0.00
DISCCART	370955.53	3809003.48	0.00	0.00
DISCCART	370968.29	3808936.02	0.00	0.00
DISCCART	370976.80	3808891.04	0.00	0.00
DISCCART	371173.32	3808928.22	0.00	0.00
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DISCCART	370904.45	3808837.47	0.00	0.00

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   DISCCART    370995.39   3808127.73    0.00    0.00
** END OF FENCELINE GRID RECEPTORS
** DISCRETE CARTESIAN PLANT BOUNDARY - PRIMARY RECEPTORS
** PLANT BOUNDARY NAME PLBN1
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"
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   DISCCART    370847.14   3808710.57  530.47 1482.08
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RE FINISHED
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** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE BELCARO.DAT\SCLR_V11_TRIMMED.SFC
   PROFFILE BELCARO.DAT\SCLR_V11_TRIMMED.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
```

```
   RECTABLE 24 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST BELCARO.AD\24H1GALL.PLT 31
   SUMMFILE BELCARO.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    6191       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6191       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
```

```
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:   1480 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
```

```
                  Emission Units = GRAMS/SEC                                    ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCARO.ERR

 **File for Summary of Results:   BELCARO.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.13451E-03  370831.2 3808733.6   529.6     5.00     4.65
4.65     YES                   NO
 L0000002         0   0.13451E-03  370832.9 3808743.5   529.1     5.00     4.65
4.65     YES                   NO
 L0000003         0   0.13451E-03  370834.5 3808753.3   528.5     5.00     4.65
4.65     YES                   NO
 L0000004         0   0.13451E-03  370836.1 3808763.2   528.0     5.00     4.65
4.65     YES                   NO
 L0000005         0   0.13451E-03  370837.8 3808773.1   527.5     5.00     4.65
4.65     YES                   NO
 L0000006         0   0.13451E-03  370839.4 3808782.9   526.9     5.00     4.65
4.65     YES                   NO
 L0000007         0   0.13451E-03  370841.0 3808792.8   526.4     5.00     4.65
4.65     YES                   NO
 L0000008         0   0.13451E-03  370842.7 3808802.7   525.9     5.00     4.65
```

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4.65     YES                    NO
 L0000009         0   0.13451E-03  370844.3 3808812.5   525.3     5.00     4.65
4.65     YES                    NO
 L0000010         0   0.13451E-03  370845.9 3808822.4   524.8     5.00     4.65
4.65     YES                    NO
 L0000011         0   0.13451E-03  370846.9 3808832.3   524.2     5.00     4.65
4.65     YES                    NO
 L0000012         0   0.13451E-03  370845.4 3808842.1   523.4     5.00     4.65
4.65     YES                    NO
 L0000013         0   0.13451E-03  370843.9 3808852.0   522.5     5.00     4.65
4.65     YES                    NO
 L0000014         0   0.13451E-03  370842.4 3808861.9   521.7     5.00     4.65
4.65     YES                    NO
 L0000015         0   0.13451E-03  370840.8 3808871.8   520.9     5.00     4.65
4.65     YES                    NO
 L0000016         0   0.13451E-03  370839.3 3808881.7   520.0     5.00     4.65
4.65     YES                    NO
 L0000017         0   0.13451E-03  370837.8 3808891.6   519.2     5.00     4.65
4.65     YES                    NO
 L0000018         0   0.13451E-03  370836.3 3808901.5   518.3     5.00     4.65
4.65     YES                    NO
 L0000019         0   0.13451E-03  370834.8 3808911.3   517.5     5.00     4.65
4.65     YES                    NO
 L0000020         0   0.13451E-03  370833.3 3808921.2   516.7     5.00     4.65
4.65     YES                    NO
 L0000021         0   0.13451E-03  370831.9 3808931.1   515.9     5.00     4.65
4.65     YES                    NO
 L0000022         0   0.13451E-03  370831.6 3808941.1   515.6     5.00     4.65
4.65     YES                    NO
 L0000023         0   0.13451E-03  370831.4 3808951.1   515.3     5.00     4.65
4.65     YES                    NO
 L0000024         0   0.13451E-03  370831.1 3808961.1   514.9     5.00     4.65
4.65     YES                    NO
 L0000025         0   0.13451E-03  370830.9 3808971.1   514.6     5.00     4.65
4.65     YES                    NO
 L0000026         0   0.13451E-03  370830.6 3808981.1   514.3     5.00     4.65
4.65     YES                    NO
 L0000027         0   0.13451E-03  370830.4 3808991.1   514.0     5.00     4.65
4.65     YES                    NO
 L0000028         0   0.13451E-03  370830.1 3809001.1   513.7     5.00     4.65
4.65     YES                    NO
 L0000029         0   0.13451E-03  370829.8 3809011.1   513.3     5.00     4.65
4.65     YES                    NO
 L0000030         0   0.13451E-03  370829.4 3809021.1   513.0     5.00     4.65
4.65     YES                    NO
 L0000031         0   0.13451E-03  370829.1 3809031.1   512.6     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.13451E-03  370828.7 3809041.1   512.2     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.13451E-03  370828.4 3809051.1   511.9     5.00     4.65
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4.65   YES   NO
 L0000034   0   0.13451E-03 370828.1 3809061.1   511.6   5.00   4.65
4.65   YES   NO
 L0000035   0   0.13451E-03 370827.7 3809071.1   511.2   5.00   4.65
4.65   YES   NO
 L0000036   0   0.13451E-03 370827.4 3809081.1   510.9   5.00   4.65
4.65   YES   NO
 L0000037   0   0.13451E-03 370827.1 3809091.0   510.5   5.00   4.65
4.65   YES   NO
 L0000038   0   0.13451E-03 370826.7 3809101.0   510.1   5.00   4.65
4.65   YES   NO
 L0000039   0   0.13451E-03 370826.4 3809111.0   509.8   5.00   4.65
4.65   YES   NO
 L0000040   0   0.13451E-03 370826.0 3809121.0   509.4   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - - -

 L0000041   0   0.13451E-03 370825.7 3809131.0   509.1   5.00   4.65
4.65   YES   NO
 L0000042   0   0.13451E-03 370825.4 3809141.0   508.7   5.00   4.65
4.65   YES   NO
 L0000043   0   0.13451E-03 370825.0 3809151.0   508.4   5.00   4.65
4.65   YES   NO
 L0000044   0   0.13451E-03 370824.7 3809161.0   508.0   5.00   4.65
4.65   YES   NO
 L0000045   0   0.13451E-03 370824.4 3809171.0   507.7   5.00   4.65
4.65   YES   NO
 L0000046   0   0.13451E-03 370824.0 3809181.0   507.3   5.00   4.65
4.65   YES   NO
 L0000047   0   0.13451E-03 370823.7 3809191.0   507.0   5.00   4.65
4.65   YES   NO
 L0000048   0   0.13451E-03 370823.3 3809201.0   506.6   5.00   4.65

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4.65     YES                    NO
 L0000049         0   0.13451E-03  370823.0 3809211.0   506.3     5.00     4.65
4.65     YES                    NO
 L0000050         0   0.13451E-03  370822.7 3809221.0   505.9     5.00     4.65
4.65     YES                    NO
 L0000051         0   0.13451E-03  370822.3 3809231.0   505.6     5.00     4.65
4.65     YES                    NO
 L0000052         0   0.13451E-03  370822.0 3809241.0   505.2     5.00     4.65
4.65     YES                    NO
 L0000053         0   0.13451E-03  370821.7 3809251.0   504.9     5.00     4.65
4.65     YES                    NO
 L0000054         0   0.13451E-03  370821.3 3809260.9   504.5     5.00     4.65
4.65     YES                    NO
 L0000055         0   0.13451E-03  370824.8 3809267.8   504.6     5.00     4.65
4.65     YES                    NO
 L0000056         0   0.13451E-03  370834.7 3809269.4   505.2     5.00     4.65
4.65     YES                    NO
 L0000057         0   0.13451E-03  370844.6 3809271.1   505.9     5.00     4.65
4.65     YES                    NO
 L0000058         0   0.13451E-03  370854.4 3809272.7   506.6     5.00     4.65
4.65     YES                    NO
 L0000059         0   0.13451E-03  370864.3 3809274.4   507.3     5.00     4.65
4.65     YES                    NO
 L0000060         0   0.13451E-03  370874.2 3809276.0   507.9     5.00     4.65
4.65     YES                    NO
 L0000061         0   0.13451E-03  370882.9 3809279.6   508.2     5.00     4.65
4.65     YES                    NO
 L0000062         0   0.13451E-03  370889.1 3809287.5   507.4     5.00     4.65
4.65     YES                    NO
 L0000063         0   0.13451E-03  370895.3 3809295.3   506.6     5.00     4.65
4.65     YES                    NO
 L0000064         0   0.13451E-03  370901.4 3809303.2   505.8     5.00     4.65
4.65     YES                    NO
 L0000065         0   0.13451E-03  370907.6 3809311.0   505.1     5.00     4.65
4.65     YES                    NO
 L0000066         0   0.13451E-03  370913.8 3809318.9   504.3     5.00     4.65
4.65     YES                    NO
 L0000067         0   0.13451E-03  370920.0 3809326.7   503.5     5.00     4.65
4.65     YES                    NO
 L0000068         0   0.13451E-03  370926.2 3809334.6   502.7     5.00     4.65
4.65     YES                    NO
 L0000069         0   0.13451E-03  370935.3 3809336.8   502.8     5.00     4.65
4.65     YES                    NO
 L0000070         0   0.13451E-03  370945.3 3809337.4   503.1     5.00     4.65
4.65     YES                    NO
 L0000071         0   0.13451E-03  370955.3 3809338.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000072         0   0.13451E-03  370965.3 3809338.6   503.8     5.00     4.65
4.65     YES                    NO
 L0000073         0   0.13451E-03  370975.3 3809339.2   504.2     5.00     4.65
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4.65 YES NO
L0000074 0 0.13451E-03 370985.3 3809339.8 504.5 5.00 4.65
4.65 YES NO
L0000075 0 0.13451E-03 370987.1 3809348.4 503.8 5.00 4.65
4.65 YES NO
L0000076 0 0.13451E-03 370987.5 3809358.4 502.8 5.00 4.65
4.65 YES NO
L0000077 0 0.13451E-03 370987.9 3809368.4 501.9 5.00 4.65
4.65 YES NO
L0000078 0 0.13451E-03 370988.3 3809378.4 501.0 5.00 4.65
4.65 YES NO
L0000079 0 0.13451E-03 370992.2 3809384.7 500.4 5.00 4.65
4.65 YES NO
L0000080 0 0.13451E-03 371002.2 3809384.6 500.5 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.13451E-03	371012.2	3809384.5	500.6	5.00	4.65	4.65	YES	NO	
L0000082	0	0.13451E-03	371022.2	3809384.4	500.7	5.00	4.65	4.65	YES	NO	
L0000083	0	0.13451E-03	371032.2	3809384.3	500.8	5.00	4.65	4.65	YES	NO	
L0000084	0	0.13451E-03	371042.2	3809384.2	500.8	5.00	4.65	4.65	YES	NO	
L0000085	0	0.13451E-03	371052.2	3809384.1	500.9	5.00	4.65	4.65	YES	NO	
L0000086	0	0.13451E-03	371062.2	3809384.0	501.0	5.00	4.65	4.65	YES	NO	
L0000087	0	0.13451E-03	371072.2	3809383.9	501.1	5.00	4.65	4.65	YES	NO	
L0000088	0	0.13451E-03	371082.2	3809383.8	501.2	5.00	4.65	4.65	YES	NO	

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4.65     YES                    NO
 L0000089         0   0.13451E-03  371092.2 3809383.7   501.2     5.00     4.65
4.65     YES                    NO
 L0000090         0   0.13451E-03  371102.2 3809383.6   501.3     5.00     4.65
4.65     YES                    NO
 L0000091         0   0.13451E-03  371112.2 3809383.5   501.4     5.00     4.65
4.65     YES                    NO
 L0000092         0   0.13451E-03  371122.2 3809383.4   501.5     5.00     4.65
4.65     YES                    NO
 L0000093         0   0.13451E-03  371132.2 3809383.3   501.6     5.00     4.65
4.65     YES                    NO
 L0000094         0   0.13451E-03  371142.2 3809383.2   501.6     5.00     4.65
4.65     YES                    NO
 L0000095         0   0.13451E-03  371152.2 3809383.1   501.7     5.00     4.65
4.65     YES                    NO
 L0000096         0   0.13451E-03  371162.2 3809382.9   501.8     5.00     4.65
4.65     YES                    NO
 L0000097         0   0.13451E-03  371162.6 3809392.6   501.7     5.00     4.65
4.65     YES                    NO
 L0000098         0   0.13451E-03  371162.7 3809402.6   501.7     5.00     4.65
4.65     YES                    NO
 L0000099         0   0.13451E-03  371162.8 3809412.6   501.6     5.00     4.65
4.65     YES                    NO
 L0000100         0   0.13451E-03  371162.8 3809422.6   501.5     5.00     4.65
4.65     YES                    NO
 L0000101         0   0.13451E-03  371162.9 3809432.6   501.4     5.00     4.65
4.65     YES                    NO
 L0000102         0   0.13451E-03  371163.0 3809442.6   501.4     5.00     4.65
4.65     YES                    NO
 L0000103         0   0.13451E-03  371163.1 3809452.6   501.3     5.00     4.65
4.65     YES                    NO
 L0000104         0   0.13451E-03  371163.2 3809462.6   501.2     5.00     4.65
4.65     YES                    NO
 L0000105         0   0.13451E-03  371163.3 3809472.6   501.2     5.00     4.65
4.65     YES                    NO
 L0000106         0   0.13451E-03  371163.4 3809482.6   501.1     5.00     4.65
4.65     YES                    NO
 L0000107         0   0.13451E-03  371163.4 3809492.6   501.0     5.00     4.65
4.65     YES                    NO
 L0000108         0   0.13451E-03  371163.5 3809502.6   501.0     5.00     4.65
4.65     YES                    NO
 L0000109         0   0.13451E-03  371163.6 3809512.6   500.9     5.00     4.65
4.65     YES                    NO
 L0000110         0   0.13451E-03  371163.7 3809522.6   500.8     5.00     4.65
4.65     YES                    NO
 L0000111         0   0.13451E-03  371163.8 3809532.6   500.8     5.00     4.65
4.65     YES                    NO
 L0000112         0   0.13451E-03  371163.9 3809542.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000113         0   0.13451E-03  371163.9 3809552.6   500.6     5.00     4.65
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4.65     YES                    NO
 L0000114         0   0.13451E-03  371164.0 3809562.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000115         0   0.13451E-03  371164.1 3809572.6   500.5     5.00     4.65
4.65     YES                    NO
 L0000116         0   0.13451E-03  371164.2 3809582.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000117         0   0.13451E-03  371164.3 3809592.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000118         0   0.13451E-03  371164.4 3809602.6   500.3     5.00     4.65
4.65     YES                    NO
 L0000119         0   0.13451E-03  371164.5 3809612.6   500.2     5.00     4.65
4.65     YES                    NO
 L0000120         0   0.13451E-03  371164.5 3809622.6   500.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000121         0   0.13451E-03  371164.6 3809632.6   500.1     5.00     4.65
4.65     YES                    NO
 L0000122         0   0.13451E-03  371164.7 3809642.6   500.0     5.00     4.65
4.65     YES                    NO
 L0000123         0   0.13451E-03  371164.8 3809652.6   499.9     5.00     4.65
4.65     YES                    NO
 L0000124         0   0.13451E-03  371164.9 3809662.6   499.9     5.00     4.65
4.65     YES                    NO
 L0000125         0   0.13451E-03  371165.0 3809672.6   499.8     5.00     4.65
4.65     YES                    NO
 L0000126         0   0.13451E-03  371165.0 3809682.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000127         0   0.13451E-03  371165.1 3809692.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000128         0   0.13451E-03  371165.2 3809702.6   499.6     5.00     4.65
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4.65     YES                    NO
 L0000129         0   0.13451E-03  371165.3 3809712.6   499.5     5.00     4.65
4.65     YES                    NO
 L0000130         0   0.13451E-03  371165.4 3809722.6   499.5     5.00     4.65
4.65     YES                    NO
 L0000131         0   0.13451E-03  371165.5 3809732.6   499.4     5.00     4.65
4.65     YES                    NO
 L0000132         0   0.13451E-03  371165.6 3809742.6   499.3     5.00     4.65
4.65     YES                    NO
 L0000133         0   0.13451E-03  371165.6 3809752.6   499.3     5.00     4.65
4.65     YES                    NO
 L0000134         0   0.13451E-03  371165.7 3809762.6   499.2     5.00     4.65
4.65     YES                    NO
 L0000135         0   0.13451E-03  371165.8 3809772.6   499.1     5.00     4.65
4.65     YES                    NO
 L0000136         0   0.13451E-03  371165.9 3809782.6   499.1     5.00     4.65
4.65     YES                    NO
 L0000137         0   0.13451E-03  371166.0 3809792.6   499.0     5.00     4.65
4.65     YES                    NO
 L0000138         0   0.13451E-03  371166.1 3809802.6   498.9     5.00     4.65
4.65     YES                    NO
 L0000139         0   0.13451E-03  371166.2 3809812.6   498.9     5.00     4.65
4.65     YES                    NO
 L0000140         0   0.13451E-03  371166.2 3809822.6   498.8     5.00     4.65
4.65     YES                    NO
 L0000141         0   0.13451E-03  371166.3 3809832.6   498.7     5.00     4.65
4.65     YES                    NO
 L0000142         0   0.13451E-03  371166.4 3809842.6   498.7     5.00     4.65
4.65     YES                    NO
 L0000143         0   0.13451E-03  371166.5 3809852.6   498.6     5.00     4.65
4.65     YES                    NO
 L0000144         0   0.13451E-03  371166.6 3809862.6   498.5     5.00     4.65
4.65     YES                    NO
 L0000145         0   0.13451E-03  371166.7 3809872.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000146         0   0.13451E-03  371166.7 3809882.6   498.4     5.00     4.65
4.65     YES                    NO
 L0000147         0   0.13451E-03  371166.8 3809892.6   498.3     5.00     4.65
4.65     YES                    NO
 L0000148         0   0.13451E-03  371166.9 3809902.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000149         0   0.13451E-03  371167.0 3809912.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000150         0   0.13451E-03  371167.1 3809922.6   498.1     5.00     4.65
4.65     YES                    NO
 L0000151         0   0.13451E-03  371167.2 3809932.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000152         0   0.13451E-03  371167.3 3809942.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000153         0   0.13451E-03  371167.3 3809952.6   497.9     5.00     4.65
```

4.65 YES NO
L0000154 0 0.13451E-03 371167.4 3809962.6 497.8 5.00 4.65
4.65 YES NO
L0000155 0 0.13451E-03 371167.5 3809972.6 497.8 5.00 4.65
4.65 YES NO
L0000156 0 0.13451E-03 371167.6 3809982.6 497.7 5.00 4.65
4.65 YES NO
L0000157 0 0.13451E-03 371167.7 3809992.6 497.6 5.00 4.65
4.65 YES NO
L0000158 0 0.13451E-03 371167.8 3810002.6 497.6 5.00 4.65
4.65 YES NO
L0000159 0 0.13451E-03 371167.8 3810012.6 497.5 5.00 4.65
4.65 YES NO
L0000160 0 0.13451E-03 371163.2 3810017.1 497.4 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000161	0	0.13451E-03	371153.4	3810015.5	497.3	5.00	4.65	4.65	YES	NO	
L0000162	0	0.13451E-03	371143.5	3810013.9	497.2	5.00	4.65	4.65	YES	NO	
L0000163	0	0.13451E-03	371133.6	3810012.3	497.1	5.00	4.65	4.65	YES	NO	
L0000164	0	0.13451E-03	371123.8	3810010.7	497.0	5.00	4.65	4.65	YES	NO	
L0000165	0	0.13451E-03	371113.9	3810009.1	496.9	5.00	4.65	4.65	YES	NO	
L0000166	0	0.13451E-03	371104.0	3810007.5	496.8	5.00	4.65	4.65	YES	NO	
L0000167	0	0.13451E-03	371094.1	3810005.9	496.8	5.00	4.65	4.65	YES	NO	
L0000168	0	0.13451E-03	371084.3	3810004.3	496.7	5.00	4.65	4.65	YES	NO	

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4.65     YES                    NO
 L0000169         0   0.13451E-03  371074.4 3810002.7   496.6     5.00     4.65
4.65     YES                    NO
 L0000170         0   0.13451E-03  371064.5 3810001.1   496.5     5.00     4.65
4.65     YES                    NO
 L0000171         0   0.13451E-03  371054.7 3809999.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000172         0   0.13451E-03  371044.8 3809997.9   496.3     5.00     4.65
4.65     YES                    NO
 L0000173         0   0.13451E-03  371034.9 3809996.3   496.2     5.00     4.65
4.65     YES                    NO
 L0000174         0   0.13451E-03  371025.0 3809994.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000175         0   0.13451E-03  371015.2 3809993.1   496.0     5.00     4.65
4.65     YES                    NO
 L0000176         0   0.13451E-03  371005.3 3809991.5   495.9     5.00     4.65
4.65     YES                    NO
 L0000177         0   0.13451E-03  370995.4 3809989.9   495.8     5.00     4.65
4.65     YES                    NO
 L0000178         0   0.13451E-03  370985.6 3809988.2   495.7     5.00     4.65
4.65     YES                    NO
 L0000179         0   0.13451E-03  370975.7 3809986.6   495.6     5.00     4.65
4.65     YES                    NO
 L0000180         0   0.13451E-03  370965.8 3809985.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000181         0   0.13451E-03  370956.0 3809983.4   495.4     5.00     4.65
4.65     YES                    NO
 L0000182         0   0.13451E-03  370946.1 3809981.8   495.4     5.00     4.65
4.65     YES                    NO
 L0000183         0   0.13451E-03  370936.2 3809980.2   495.2     5.00     4.65
4.65     YES                    NO
 L0000184         0   0.13451E-03  370926.3 3809978.6   495.2     5.00     4.65
4.65     YES                    NO
 L0000185         0   0.13451E-03  370916.5 3809977.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000186         0   0.13451E-03  370906.6 3809975.4   495.0     5.00     4.65
4.65     YES                    NO
 L0000187         0   0.13451E-03  370896.7 3809973.8   494.9     5.00     4.65
4.65     YES                    NO
 L0000188         0   0.13451E-03  370886.9 3809972.2   494.8     5.00     4.65
4.65     YES                    NO
 L0000189         0   0.13451E-03  370877.0 3809970.6   494.7     5.00     4.65
4.65     YES                    NO
 L0000190         0   0.13451E-03  370867.1 3809969.0   494.6     5.00     4.65
4.65     YES                    NO
 L0000191         0   0.13451E-03  370857.2 3809967.4   494.5     5.00     4.65
4.65     YES                    NO
 L0000192         0   0.13451E-03  370847.4 3809965.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000193         0   0.13451E-03  370837.5 3809964.2   494.3     5.00     4.65
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4.65   YES   NO
 L0000194   0   0.13451E-03 370827.6 3809962.6   494.2   5.00   4.65
4.65   YES   NO
 L0000195   0   0.13451E-03 370817.8 3809961.0   494.1   5.00   4.65
4.65   YES   NO
 L0000196   0   0.13451E-03 370807.9 3809959.4   494.0   5.00   4.65
4.65   YES   NO
 L0000197   0   0.13451E-03 370798.0 3809957.8   493.9   5.00   4.65
4.65   YES   NO
 L0000198   0   0.13451E-03 370788.2 3809956.2   493.9   5.00   4.65
4.65   YES   NO
 L0000199   0   0.13451E-03 370778.3 3809954.6   493.8   5.00   4.65
4.65   YES   NO
 L0000200   0   0.13451E-03 370768.4 3809953.0   493.7   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0000201   0   0.13451E-03 370758.5 3809951.4   493.6   5.00   4.65
4.65   YES   NO
 L0000202   0   0.13451E-03 370748.7 3809949.8   493.5   5.00   4.65
4.65   YES   NO
 L0000203   0   0.13451E-03 370741.9 3809956.9   492.8   5.00   4.65
4.65   YES   NO
 L0000204   0   0.13451E-03 370735.3 3809964.4   492.0   5.00   4.65
4.65   YES   NO
 L0000205   0   0.13451E-03 370728.8 3809971.9   491.3   5.00   4.65
4.65   YES   NO
 L0000206   0   0.13451E-03 370722.2 3809979.5   490.5   5.00   4.65
4.65   YES   NO
 L0000207   0   0.13451E-03 370715.6 3809987.0   489.8   5.00   4.65
4.65   YES   NO
 L0000208   0   0.13451E-03 370709.0 3809994.5   489.0   5.00   4.65

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4.65     YES                    NO
 L0000209         0   0.13451E-03  370702.4 3810002.0   488.3     5.00     4.65
4.65     YES                    NO
 L0000210         0   0.13451E-03  370695.8 3810009.6   487.5     5.00     4.65
4.65     YES                    NO
 L0000211         0   0.13451E-03  370689.2 3810017.1   486.8     5.00     4.65
4.65     YES                    NO
 L0000212         0   0.13451E-03  370682.2 3810024.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000213         0   0.13451E-03  370674.5 3810030.5   485.6     5.00     4.65
4.65     YES                    NO
 L0000214         0   0.13451E-03  370666.8 3810036.9   485.0     5.00     4.65
4.65     YES                    NO
 L0000215         0   0.13451E-03  370659.2 3810043.3   484.5     5.00     4.65
4.65     YES                    NO
 L0000216         0   0.13451E-03  370651.5 3810049.7   484.0     5.00     4.65
4.65     YES                    NO
 L0000217         0   0.13451E-03  370643.8 3810056.1   483.4     5.00     4.65
4.65     YES                    NO
 L0000218         0   0.13451E-03  370636.1 3810062.5   482.9     5.00     4.65
4.65     YES                    NO
 L0000219         0   0.13451E-03  370627.5 3810066.3   482.6     5.00     4.65
4.65     YES                    NO
 L0000220         0   0.13451E-03  370617.5 3810066.3   482.7     5.00     4.65
4.65     YES                    NO
 L0000221         0   0.13451E-03  370607.5 3810066.3   482.8     5.00     4.65
4.65     YES                    NO
 L0000222         0   0.13451E-03  370597.5 3810066.3   482.9     5.00     4.65
4.65     YES                    NO
 L0000223         0   0.13451E-03  370587.5 3810066.3   483.0     5.00     4.65
4.65     YES                    NO
 L0000224         0   0.13451E-03  370577.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000225         0   0.13451E-03  370567.5 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.13451E-03  370557.5 3810066.3   483.2     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.13451E-03  370547.5 3810066.3   483.3     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.13451E-03  370537.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.13451E-03  370527.5 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.13451E-03  370517.5 3810067.0   483.5     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.13451E-03  370507.6 3810068.2   483.6     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.13451E-03  370497.6 3810069.3   483.7     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.13451E-03  370487.7 3810070.5   483.8     5.00     4.65
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4.65     YES                    NO
 L0000234         0   0.13451E-03  370477.8 3810071.6   483.9     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.13451E-03  370467.8 3810072.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.13451E-03  370457.9 3810073.9   484.1     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.13451E-03  370448.0 3810075.1   484.2     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.13451E-03  370438.0 3810076.2   484.3     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.13451E-03  370428.1 3810077.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.13451E-03  370418.2 3810078.5   484.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000241         0   0.13451E-03  370408.2 3810079.7   484.6     5.00     4.65
4.65     YES                    NO
 L0000242         0   0.13451E-03  370398.3 3810080.8   484.7     5.00     4.65
4.65     YES                    NO
 L0000243         0   0.13451E-03  370388.4 3810082.0   484.8     5.00     4.65
4.65     YES                    NO
 L0000244         0   0.13451E-03  370378.4 3810083.1   484.9     5.00     4.65
4.65     YES                    NO
 L0000245         0   0.13451E-03  370368.5 3810084.3   485.0     5.00     4.65
4.65     YES                    NO
 L0000246         0   0.13451E-03  370358.6 3810085.4   485.1     5.00     4.65
4.65     YES                    NO
 L0000247         0   0.13451E-03  370348.6 3810086.6   485.2     5.00     4.65
4.65     YES                    NO
 L0000248         0   0.13451E-03  370338.7 3810087.7   485.3     5.00     4.65
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4.65     YES                    NO
 L0000249         0   0.13451E-03  370328.8 3810088.9   485.4     5.00     4.65
4.65     YES                    NO
 L0000250         0   0.13451E-03  370318.8 3810090.0   485.5     5.00     4.65
4.65     YES                    NO
 L0000251         0   0.13451E-03  370308.9 3810091.2   485.6     5.00     4.65
4.65     YES                    NO
 L0000252         0   0.13451E-03  370299.0 3810092.3   485.7     5.00     4.65
4.65     YES                    NO
 L0000253         0   0.13451E-03  370289.0 3810093.5   485.8     5.00     4.65
4.65     YES                    NO
 L0000254         0   0.13451E-03  370279.1 3810094.6   485.9     5.00     4.65
4.65     YES                    NO
 L0000255         0   0.13451E-03  370269.2 3810095.8   486.0     5.00     4.65
4.65     YES                    NO
 L0000256         0   0.13451E-03  370259.3 3810097.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000257         0   0.13451E-03  370249.7 3810100.1   486.1     5.00     4.65
4.65     YES                    NO
 L0000258         0   0.13451E-03  370240.2 3810103.0   486.2     5.00     4.65
4.65     YES                    NO
 L0000259         0   0.13451E-03  370230.6 3810106.0   486.3     5.00     4.65
4.65     YES                    NO
 L0000260         0   0.13451E-03  370221.0 3810108.9   486.3     5.00     4.65
4.65     YES                    NO
 L0000261         0   0.13451E-03  370211.5 3810111.9   486.4     5.00     4.65
4.65     YES                    NO
 L0000262         0   0.13451E-03  370201.9 3810114.8   486.5     5.00     4.65
4.65     YES                    NO
 L0000263         0   0.13451E-03  370192.4 3810117.8   486.5     5.00     4.65
4.65     YES                    NO
 L0000264         0   0.13451E-03  370182.8 3810120.7   486.6     5.00     4.65
4.65     YES                    NO
 L0000265         0   0.13451E-03  370173.3 3810123.7   486.7     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.13451E-03  370163.7 3810126.6   486.8     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.13451E-03  370154.2 3810129.5   486.8     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.13451E-03  370144.6 3810132.5   486.9     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.13451E-03  370135.1 3810135.4   486.9     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.13451E-03  370125.5 3810138.4   487.0     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.13451E-03  370115.9 3810141.3   487.1     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.13451E-03  370106.1 3810143.3   486.7     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.13451E-03  370096.3 3810145.1   486.3     5.00     4.65
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4.65     YES                    NO
 L0000274         0   0.13451E-03  370086.5 3810147.0   485.8     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.13451E-03  370076.7 3810148.8   485.4     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.13451E-03  370066.8 3810150.7   484.9     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.13451E-03  370057.0 3810152.5   484.5     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.13451E-03  370047.2 3810154.3   484.1     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.13451E-03  370037.3 3810156.2   483.7     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.13451E-03  370027.6 3810157.2   483.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000281         0   0.13451E-03  370018.4 3810153.3   482.8     5.00     4.65
4.65     YES                    NO
 L0000282         0   0.13451E-03  370009.1 3810149.5   482.4     5.00     4.65
4.65     YES                    NO
 L0000283         0   0.13451E-03  369999.9 3810145.7   482.1     5.00     4.65
4.65     YES                    NO
 L0000284         0   0.13451E-03  369990.7 3810141.8   481.7     5.00     4.65
4.65     YES                    NO
 L0000285         0   0.13451E-03  369981.4 3810138.0   481.3     5.00     4.65
4.65     YES                    NO
 L0000286         0   0.13451E-03  369972.2 3810134.2   480.9     5.00     4.65
4.65     YES                    NO
 L0000287         0   0.13451E-03  369962.9 3810130.3   480.5     5.00     4.65
4.65     YES                    NO
 L0000288         0   0.13451E-03  369953.7 3810126.5   480.1     5.00     4.65
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4.65     YES                    NO
 L0000289         0   0.13451E-03  369944.5 3810122.7   479.7     5.00     4.65
4.65     YES                    NO
 L0000290         0   0.13451E-03  369935.2 3810118.8   479.4     5.00     4.65
4.65     YES                    NO
 L0000291         0   0.13451E-03  369926.0 3810115.0   479.0     5.00     4.65
4.65     YES                    NO
 L0000292         0   0.13451E-03  369916.8 3810111.2   478.6     5.00     4.65
4.65     YES                    NO
 L0000293         0   0.13451E-03  369907.5 3810107.4   478.2     5.00     4.65
4.65     YES                    NO
 L0000294         0   0.13451E-03  369898.3 3810103.5   477.8     5.00     4.65
4.65     YES                    NO
 L0000295         0   0.13451E-03  369889.0 3810099.7   477.4     5.00     4.65
4.65     YES                    NO
 L0000296         0   0.13451E-03  369879.8 3810095.9   477.0     5.00     4.65
4.65     YES                    NO
 L0000297         0   0.13451E-03  369870.6 3810092.0   476.7     5.00     4.65
4.65     YES                    NO
 L0000298         0   0.13451E-03  369861.3 3810088.2   476.3     5.00     4.65
4.65     YES                    NO
 L0000299         0   0.13451E-03  369865.6 3810080.5   476.3     5.00     4.65
4.65     YES                    NO
 L0000300         0   0.13451E-03  369872.7 3810076.5   476.4     5.00     4.65
4.65     YES                    NO
 L0000301         0   0.13451E-03  369882.0 3810080.1   476.6     5.00     4.65
4.65     YES                    NO
 L0000302         0   0.13451E-03  369891.4 3810083.7   476.8     5.00     4.65
4.65     YES                    NO
 L0000303         0   0.13451E-03  369900.7 3810087.3   477.0     5.00     4.65
4.65     YES                    NO
 L0000304         0   0.13451E-03  369910.1 3810090.8   477.2     5.00     4.65
4.65     YES                    NO
 L0000305         0   0.13451E-03  369919.4 3810094.4   477.4     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.13451E-03  369928.7 3810098.0   477.6     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.13451E-03  369938.1 3810101.6   477.9     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.13451E-03  369947.4 3810105.1   478.1     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.13451E-03  369956.7 3810108.7   478.3     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.13451E-03  369966.1 3810112.3   478.5     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.13451E-03  369975.4 3810115.9   478.7     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.13451E-03  369984.8 3810119.4   478.9     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.13451E-03  369994.1 3810123.0   479.1     5.00     4.65
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4.65   YES   NO
 L0000314   0   0.13451E-03 370003.4 3810126.6   479.3   5.00   4.65
4.65   YES   NO
 L0000315   0   0.13451E-03 370012.8 3810130.2   479.5   5.00   4.65
4.65   YES   NO
 L0000316   0   0.13451E-03 370022.1 3810133.7   479.7   5.00   4.65
4.65   YES   NO
 L0000317   0   0.13451E-03 370031.5 3810137.3   479.9   5.00   4.65
4.65   YES   NO
 L0000318   0   0.13451E-03 370040.9 3810139.0   480.4   5.00   4.65
4.65   YES   NO
 L0000319   0   0.13451E-03 370050.6 3810136.5   481.4   5.00   4.65
4.65   YES   NO
 L0000320   0   0.13451E-03 370060.2 3810134.0   482.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000321   0   0.13451E-03 370069.9 3810131.4   483.4   5.00   4.65
4.65   YES   NO
 L0000322   0   0.13451E-03 370079.6 3810128.9   484.4   5.00   4.65
4.65   YES   NO
 L0000323   0   0.13451E-03 370089.3 3810126.4   485.4   5.00   4.65
4.65   YES   NO
 L0000324   0   0.13451E-03 370098.9 3810123.8   486.4   5.00   4.65
4.65   YES   NO
 L0000325   0   0.13451E-03 370108.6 3810121.3   487.4   5.00   4.65
4.65   YES   NO
 L0000326   0   0.13451E-03 370118.3 3810118.8   488.4   5.00   4.65
4.65   YES   NO
 L0000327   0   0.13451E-03 370128.0 3810116.2   489.4   5.00   4.65
4.65   YES   NO
 L0000328   0   0.13451E-03 370137.6 3810113.7   490.4   5.00   4.65

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4.65     YES                    NO
 L0000329         0   0.13451E-03  370147.3 3810111.2   491.4     5.00     4.65
4.65     YES                    NO
 L0000330         0   0.13451E-03  370157.0 3810108.6   492.5     5.00     4.65
4.65     YES                    NO
 L0000331         0   0.13451E-03  370166.6 3810106.1   493.5     5.00     4.65
4.65     YES                    NO
 L0000332         0   0.13451E-03  370176.3 3810103.5   494.5     5.00     4.65
4.65     YES                    NO
 L0000333         0   0.13451E-03  370186.0 3810101.0   495.5     5.00     4.65
4.65     YES                    NO
 L0000334         0   0.13451E-03  370195.7 3810098.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000335         0   0.13451E-03  370205.3 3810095.9   497.5     5.00     4.65
4.65     YES                    NO
 L0000336         0   0.13451E-03  370215.0 3810093.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000337         0   0.13451E-03  370224.7 3810090.8   498.9     5.00     4.65
4.65     YES                    NO
 L0000338         0   0.13451E-03  370234.3 3810088.1   496.6     5.00     4.65
4.65     YES                    NO
 L0000339         0   0.13451E-03  370243.9 3810085.3   494.4     5.00     4.65
4.65     YES                    NO
 L0000340         0   0.13451E-03  370253.5 3810082.6   492.2     5.00     4.65
4.65     YES                    NO
 L0000341         0   0.13451E-03  370263.1 3810079.8   489.9     5.00     4.65
4.65     YES                    NO
 L0000342         0   0.13451E-03  370272.8 3810077.1   487.7     5.00     4.65
4.65     YES                    NO
 L0000343         0   0.13451E-03  370282.4 3810074.3   485.4     5.00     4.65
4.65     YES                    NO
 L0000344         0   0.13451E-03  370292.0 3810071.6   483.2     5.00     4.65
4.65     YES                    NO
 L0000345         0   0.13451E-03  370301.7 3810069.4   481.8     5.00     4.65
4.65     YES                    NO
 L0000346         0   0.13451E-03  370311.6 3810068.0   481.9     5.00     4.65
4.65     YES                    NO
 L0000347         0   0.13451E-03  370321.5 3810066.6   482.0     5.00     4.65
4.65     YES                    NO
 L0000348         0   0.13451E-03  370331.4 3810065.2   482.1     5.00     4.65
4.65     YES                    NO
 L0000349         0   0.13451E-03  370341.3 3810063.8   482.2     5.00     4.65
4.65     YES                    NO
 L0000350         0   0.13451E-03  370351.2 3810062.4   482.2     5.00     4.65
4.65     YES                    NO
 L0000351         0   0.13451E-03  370361.1 3810061.0   482.3     5.00     4.65
4.65     YES                    NO
 L0000352         0   0.13451E-03  370371.0 3810059.6   482.4     5.00     4.65
4.65     YES                    NO
 L0000353         0   0.13451E-03  370380.9 3810058.2   482.5     5.00     4.65
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4.65   YES   NO
 L0000354   0   0.13451E-03 370390.8 3810056.8   482.6   5.00   4.65
4.65   YES   NO
 L0000355   0   0.13451E-03 370400.7 3810055.4   482.6   5.00   4.65
4.65   YES   NO
 L0000356   0   0.13451E-03 370410.6 3810054.0   482.7   5.00   4.65
4.65   YES   NO
 L0000357   0   0.13451E-03 370420.5 3810052.6   482.8   5.00   4.65
4.65   YES   NO
 L0000358   0   0.13451E-03 370430.5 3810051.7   482.9   5.00   4.65
4.65   YES   NO
 L0000359   0   0.13451E-03 370440.5 3810051.4   483.0   5.00   4.65
4.65   YES   NO
 L0000360   0   0.13451E-03 370450.5 3810051.0   483.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000361   0   0.13451E-03 370460.5 3810050.6   483.2   5.00   4.65
4.65   YES   NO
 L0000362   0   0.13451E-03 370470.4 3810050.2   483.2   5.00   4.65
4.65   YES   NO
 L0000363   0   0.13451E-03 370480.4 3810049.8   483.3   5.00   4.65
4.65   YES   NO
 L0000364   0   0.13451E-03 370490.4 3810049.4   483.4   5.00   4.65
4.65   YES   NO
 L0000365   0   0.13451E-03 370500.4 3810049.0   483.5   5.00   4.65
4.65   YES   NO
 L0000366   0   0.13451E-03 370510.4 3810048.7   483.6   5.00   4.65
4.65   YES   NO
 L0000367   0   0.13451E-03 370520.4 3810048.3   483.7   5.00   4.65
4.65   YES   NO
 L0000368   0   0.13451E-03 370530.4 3810047.9   483.8   5.00   4.65

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4.65     YES                    NO
 L0000369         0   0.13451E-03  370540.4 3810047.5   483.9     5.00     4.65
4.65     YES                    NO
 L0000370         0   0.13451E-03  370550.4 3810047.1   484.0     5.00     4.65
4.65     YES                    NO
 L0000371         0   0.13451E-03  370560.4 3810046.7   484.1     5.00     4.65
4.65     YES                    NO
 L0000372         0   0.13451E-03  370564.7 3810041.5   484.3     5.00     4.65
4.65     YES                    NO
 L0000373         0   0.13451E-03  370563.6 3810031.5   484.5     5.00     4.65
4.65     YES                    NO
 L0000374         0   0.13451E-03  370562.5 3810021.6   484.8     5.00     4.65
4.65     YES                    NO
 L0000375         0   0.13451E-03  370561.4 3810011.7   485.1     5.00     4.65
4.65     YES                    NO
 L0000376         0   0.13451E-03  370560.3 3810001.7   485.4     5.00     4.65
4.65     YES                    NO
 L0000377         0   0.13451E-03  370566.2 3809997.3   486.1     5.00     4.65
4.65     YES                    NO
 L0000378         0   0.13451E-03  370576.1 3809996.0   487.2     5.00     4.65
4.65     YES                    NO
 L0000379         0   0.13451E-03  370586.0 3809994.6   488.2     5.00     4.65
4.65     YES                    NO
 L0000380         0   0.13451E-03  370588.2 3810003.7   487.4     5.00     4.65
4.65     YES                    NO
 L0000381         0   0.13451E-03  370589.8 3810013.5   486.5     5.00     4.65
4.65     YES                    NO
 L0000382         0   0.13451E-03  370591.4 3810023.4   485.6     5.00     4.65
4.65     YES                    NO
 L0000383         0   0.13451E-03  370593.0 3810033.3   484.6     5.00     4.65
4.65     YES                    NO
 L0000384         0   0.13451E-03  370597.8 3810039.0   484.0     5.00     4.65
4.65     YES                    NO
 L0000385         0   0.13451E-03  370607.7 3810037.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000386         0   0.13451E-03  370617.7 3810036.7   484.1     5.00     4.65
4.65     YES                    NO
 L0000387         0   0.13451E-03  370626.1 3810034.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000388         0   0.13451E-03  370624.7 3810024.5   486.7     5.00     4.65
4.65     YES                    NO
 L0000389         0   0.13451E-03  370623.4 3810014.6   489.0     5.00     4.65
4.65     YES                    NO
 L0000390         0   0.13451E-03  370622.0 3810004.7   491.3     5.00     4.65
4.65     YES                    NO
 L0000391         0   0.13451E-03  370622.4 3809996.3   493.4     5.00     4.65
4.65     YES                    NO
 L0000392         0   0.13451E-03  370632.4 3809995.9   494.3     5.00     4.65
4.65     YES                    NO
 L0000393         0   0.13451E-03  370642.4 3809995.4   495.2     5.00     4.65
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4.65 YES NO
L0000394 0 0.13451E-03 370652.4 3809995.0 496.1 5.00 4.65
4.65 YES NO
L0000395 0 0.13451E-03 370662.4 3809994.6 497.0 5.00 4.65
4.65 YES NO
L0000396 0 0.13451E-03 370671.2 3809990.2 498.2 5.00 4.65
4.65 YES NO
L0000397 0 0.13451E-03 370679.7 3809985.0 499.5 5.00 4.65
4.65 YES NO
L0000398 0 0.13451E-03 370681.8 3809976.2 499.1 5.00 4.65
4.65 YES NO
L0000399 0 0.13451E-03 370681.8 3809966.2 498.1 5.00 4.65
4.65 YES NO
L0000400 0 0.13451E-03 370681.8 3809956.2 497.1 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000401	0	0.13451E-03	370681.8	3809946.2	496.1	5.00	4.65	4.65	YES	NO	
L0000402	0	0.13451E-03	370681.8	3809936.2	495.1	5.00	4.65	4.65	YES	NO	
L0000403	0	0.13451E-03	370674.6	3809932.7	494.5	5.00	4.65	4.65	YES	NO	
L0000404	0	0.13451E-03	370664.7	3809931.4	494.1	5.00	4.65	4.65	YES	NO	
L0000405	0	0.13451E-03	370654.7	3809930.2	493.6	5.00	4.65	4.65	YES	NO	
L0000406	0	0.13451E-03	370644.8	3809929.0	493.2	5.00	4.65	4.65	YES	NO	
L0000407	0	0.13451E-03	370634.9	3809927.8	492.7	5.00	4.65	4.65	YES	NO	
L0000408	0	0.13451E-03	370625.0	3809926.5	492.2	5.00	4.65				

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4.65     YES                    NO
 L0000409         0   0.13451E-03  370615.0 3809925.3   491.8     5.00     4.65
4.65     YES                    NO
 L0000410         0   0.13451E-03  370605.1 3809924.1   491.3     5.00     4.65
4.65     YES                    NO
 L0000411         0   0.13451E-03  370595.2 3809922.8   490.8     5.00     4.65
4.65     YES                    NO
 L0000412         0   0.13451E-03  370585.3 3809921.6   490.4     5.00     4.65
4.65     YES                    NO
 L0000413         0   0.13451E-03  370575.3 3809920.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000414         0   0.13451E-03  370565.4 3809919.2   489.4     5.00     4.65
4.65     YES                    NO
 L0000415         0   0.13451E-03  370555.5 3809917.9   489.0     5.00     4.65
4.65     YES                    NO
 L0000416         0   0.13451E-03  370545.6 3809916.7   488.5     5.00     4.65
4.65     YES                    NO
 L0000417         0   0.13451E-03  370535.6 3809915.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000418         0   0.13451E-03  370525.7 3809914.2   487.6     5.00     4.65
4.65     YES                    NO
 L0000419         0   0.13451E-03  370515.8 3809913.0   487.1     5.00     4.65
4.65     YES                    NO
 L0000420         0   0.13451E-03  370507.6 3809910.0   486.8     5.00     4.65
4.65     YES                    NO
 L0000421         0   0.13451E-03  370506.3 3809900.1   487.0     5.00     4.65
4.65     YES                    NO
 L0000422         0   0.13451E-03  370505.1 3809890.2   487.2     5.00     4.65
4.65     YES                    NO
 L0000423         0   0.13451E-03  370503.8 3809880.3   487.4     5.00     4.65
4.65     YES                    NO
 L0000424         0   0.13451E-03  370502.5 3809870.4   487.5     5.00     4.65
4.65     YES                    NO
 L0000425         0   0.13451E-03  370501.2 3809860.4   487.7     5.00     4.65
4.65     YES                    NO
 L0000426         0   0.13451E-03  370495.5 3809853.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000427         0   0.13451E-03  370486.9 3809848.5   487.9     5.00     4.65
4.65     YES                    NO
 L0000428         0   0.13451E-03  370478.2 3809843.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000429         0   0.13451E-03  370469.5 3809838.5   488.0     5.00     4.65
4.65     YES                    NO
 L0000430         0   0.13451E-03  370460.9 3809833.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000431         0   0.13451E-03  370452.2 3809828.5   488.2     5.00     4.65
4.65     YES                    NO
 L0000432         0   0.13451E-03  370443.5 3809823.6   488.2     5.00     4.65
4.65     YES                    NO
 L0000433         0   0.13451E-03  370434.8 3809818.6   488.3     5.00     4.65
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4.65   YES   NO
 L0000434   0   0.13451E-03 370429.4 3809812.0   488.4   5.00   4.65
4.65   YES   NO
 L0000435   0   0.13451E-03 370430.9 3809802.1   488.8   5.00   4.65
4.65   YES   NO
 L0000436   0   0.13451E-03 370432.5 3809792.2   489.1   5.00   4.65
4.65   YES   NO
 L0000437   0   0.13451E-03 370434.0 3809782.4   489.5   5.00   4.65
4.65   YES   NO
 L0000438   0   0.13451E-03 370435.5 3809772.5   489.8   5.00   4.65
4.65   YES   NO
 L0000439   0   0.13451E-03 370437.0 3809762.6   490.2   5.00   4.65
4.65   YES   NO
 L0000440   0   0.13451E-03 370438.5 3809752.7   490.5   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000441   0   0.13451E-03 370440.0 3809742.8   490.9   5.00   4.65
4.65   YES   NO
 L0000442   0   0.13451E-03 370441.5 3809732.9   491.2   5.00   4.65
4.65   YES   NO
 L0000443   0   0.13451E-03 370443.0 3809723.0   491.5   5.00   4.65
4.65   YES   NO
 L0000444   0   0.13451E-03 370444.5 3809713.2   491.9   5.00   4.65
4.65   YES   NO
 L0000445   0   0.13451E-03 370446.0 3809703.3   492.2   5.00   4.65
4.65   YES   NO
 L0000446   0   0.13451E-03 370447.5 3809693.4   492.6   5.00   4.65
4.65   YES   NO
 L0000447   0   0.13451E-03 370449.0 3809683.5   492.9   5.00   4.65
4.65   YES   NO
 L0000448   0   0.13451E-03 370450.5 3809673.6   493.2   5.00   4.65

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4.65     YES                    NO
 L0000449         0   0.13451E-03  370452.0 3809663.7   493.6     5.00     4.65
4.65     YES                    NO
 L0000450         0   0.13451E-03  370453.5 3809653.8   493.9     5.00     4.65
4.65     YES                    NO
 L0000451         0   0.13451E-03  370455.0 3809644.0   494.3     5.00     4.65
4.65     YES                    NO
 L0000452         0   0.13451E-03  370456.6 3809634.1   494.6     5.00     4.65
4.65     YES                    NO
 L0000453         0   0.13451E-03  370459.9 3809625.4   494.9     5.00     4.65
4.65     YES                    NO
 L0000454         0   0.13451E-03  370468.2 3809619.8   495.1     5.00     4.65
4.65     YES                    NO
 L0000455         0   0.13451E-03  370476.5 3809614.3   495.2     5.00     4.65
4.65     YES                    NO
 L0000456         0   0.13451E-03  370484.9 3809608.7   495.4     5.00     4.65
4.65     YES                    NO
 L0000457         0   0.13451E-03  370493.2 3809603.2   495.6     5.00     4.65
4.65     YES                    NO
 L0000458         0   0.13451E-03  370501.5 3809597.6   495.7     5.00     4.65
4.65     YES                    NO
 L0000459         0   0.13451E-03  370509.8 3809592.1   495.9     5.00     4.65
4.65     YES                    NO
 L0000460         0   0.13451E-03  370518.2 3809586.5   496.1     5.00     4.65
4.65     YES                    NO
 L0000461         0   0.13451E-03  370526.5 3809581.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000462         0   0.13451E-03  370534.8 3809575.4   496.4     5.00     4.65
4.65     YES                    NO
 L0000463         0   0.13451E-03  370543.1 3809569.9   496.6     5.00     4.65
4.65     YES                    NO
 L0000464         0   0.13451E-03  370551.4 3809564.3   496.7     5.00     4.65
4.65     YES                    NO
 L0000465         0   0.13451E-03  370559.8 3809558.8   496.9     5.00     4.65
4.65     YES                    NO
 L0000466         0   0.13451E-03  370568.1 3809553.3   497.1     5.00     4.65
4.65     YES                    NO
 L0000467         0   0.13451E-03  370576.4 3809547.7   497.2     5.00     4.65
4.65     YES                    NO
 L0000468         0   0.13451E-03  370584.7 3809542.2   497.4     5.00     4.65
4.65     YES                    NO
 L0000469         0   0.13451E-03  370593.0 3809536.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000470         0   0.13451E-03  370601.4 3809531.1   497.7     5.00     4.65
4.65     YES                    NO
 L0000471         0   0.13451E-03  370609.7 3809525.5   497.9     5.00     4.65
4.65     YES                    NO
 L0000472         0   0.13451E-03  370618.0 3809520.0   498.1     5.00     4.65
4.65     YES                    NO
 L0000473         0   0.13451E-03  370626.3 3809514.4   498.2     5.00     4.65
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4.65   YES   NO
 L0000474   0   0.13451E-03 370634.6 3809508.9   498.4   5.00   4.65
4.65   YES   NO
 L0000475   0   0.13451E-03 370643.0 3809503.3   498.5   5.00   4.65
4.65   YES   NO
 L0000476   0   0.13451E-03 370651.3 3809497.8   498.7   5.00   4.65
4.65   YES   NO
 L0000477   0   0.13451E-03 370659.6 3809492.2   498.9   5.00   4.65
4.65   YES   NO
 L0000478   0   0.13451E-03 370667.9 3809486.7   499.0   5.00   4.65
4.65   YES   NO
 L0000479   0   0.13451E-03 370676.3 3809481.2   499.3   5.00   4.65
4.65   YES   NO
 L0000480   0   0.13451E-03 370684.6 3809475.7   499.5   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - - -

 L0000481   0   0.13451E-03 370692.9 3809470.1   499.7   5.00   4.65
4.65   YES   NO
 L0000482   0   0.13451E-03 370701.3 3809464.6   499.9   5.00   4.65
4.65   YES   NO
 L0000483   0   0.13451E-03 370709.6 3809459.1   500.2   5.00   4.65
4.65   YES   NO
 L0000484   0   0.13451E-03 370718.0 3809453.6   500.4   5.00   4.65
4.65   YES   NO
 L0000485   0   0.13451E-03 370726.3 3809448.1   500.6   5.00   4.65
4.65   YES   NO
 L0000486   0   0.13451E-03 370734.6 3809442.5   500.8   5.00   4.65
4.65   YES   NO
 L0000487   0   0.13451E-03 370743.0 3809437.0   501.1   5.00   4.65
4.65   YES   NO
 L0000488   0   0.13451E-03 370751.3 3809431.5   501.3   5.00   4.65

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4.65     YES                    NO
 L0000489         0   0.13451E-03  370759.7 3809426.0   501.5     5.00     4.65
4.65     YES                    NO
 L0000490         0   0.13451E-03  370768.0 3809420.5   501.7     5.00     4.65
4.65     YES                    NO
 L0000491         0   0.13451E-03  370776.3 3809414.9   501.9     5.00     4.65
4.65     YES                    NO
 L0000492         0   0.13451E-03  370784.7 3809409.4   502.2     5.00     4.65
4.65     YES                    NO
 L0000493         0   0.13451E-03  370789.4 3809402.0   502.4     5.00     4.65
4.65     YES                    NO
 L0000494         0   0.13451E-03  370789.2 3809392.0   502.5     5.00     4.65
4.65     YES                    NO
 L0000495         0   0.13451E-03  370789.0 3809382.0   502.6     5.00     4.65
4.65     YES                    NO
 L0000496         0   0.13451E-03  370788.8 3809372.0   502.8     5.00     4.65
4.65     YES                    NO
 L0000497         0   0.13451E-03  370788.6 3809362.0   502.9     5.00     4.65
4.65     YES                    NO
 L0000498         0   0.13451E-03  370788.4 3809352.0   503.1     5.00     4.65
4.65     YES                    NO
 L0000499         0   0.13451E-03  370788.2 3809342.0   503.2     5.00     4.65
4.65     YES                    NO
 L0000500         0   0.13451E-03  370788.0 3809332.0   503.4     5.00     4.65
4.65     YES                    NO
 L0000501         0   0.13451E-03  370787.8 3809322.0   503.5     5.00     4.65
4.65     YES                    NO
 L0000502         0   0.13451E-03  370783.6 3809314.5   503.4     5.00     4.65
4.65     YES                    NO
 L0000503         0   0.13451E-03  370774.8 3809309.8   502.9     5.00     4.65
4.65     YES                    NO
 L0000504         0   0.13451E-03  370765.9 3809305.1   502.5     5.00     4.65
4.65     YES                    NO
 L0000505         0   0.13451E-03  370757.1 3809300.5   502.1     5.00     4.65
4.65     YES                    NO
 L0000506         0   0.13451E-03  370758.5 3809295.1   502.1     5.00     4.65
4.65     YES                    NO
 L0000507         0   0.13451E-03  370766.8 3809289.7   502.3     5.00     4.65
4.65     YES                    NO
 L0000508         0   0.13451E-03  370776.8 3809290.2   502.6     5.00     4.65
4.65     YES                    NO
 L0000509         0   0.13451E-03  370786.7 3809290.7   502.8     5.00     4.65
4.65     YES                    NO
 L0000510         0   0.13451E-03  370796.7 3809291.1   503.1     5.00     4.65
4.65     YES                    NO
 L0000511         0   0.13451E-03  370806.7 3809291.7   503.4     5.00     4.65
4.65     YES                    NO
 L0000512         0   0.13451E-03  370816.7 3809292.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000513         0   0.13451E-03  370826.7 3809293.2   504.3     5.00     4.65
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4.65     YES                    NO
 L0000514         0   0.13451E-03  370836.6 3809293.9   504.7     5.00     4.65
4.65     YES                    NO
 L0000515         0   0.13451E-03  370846.6 3809294.6   505.2     5.00     4.65
4.65     YES                    NO
 L0000516         0   0.13451E-03  370856.3 3809296.5   505.4     5.00     4.65
4.65     YES                    NO
 L0000517         0   0.13451E-03  370865.8 3809299.8   505.3     5.00     4.65
4.65     YES                    NO
 L0000518         0   0.13451E-03  370875.2 3809303.2   505.3     5.00     4.65
4.65     YES                    NO
 L0000519         0   0.13451E-03  370883.8 3809307.6   505.1     5.00     4.65
4.65     YES                    NO
 L0000520         0   0.13451E-03  370889.0 3809316.1   504.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000521         0   0.13451E-03  370894.2 3809324.6   504.1     5.00     4.65
4.65     YES                    NO
 L0000522         0   0.13451E-03  370899.4 3809333.2   503.6     5.00     4.65
4.65     YES                    NO
 L0000523         0   0.13451E-03  370904.6 3809341.7   503.1     5.00     4.65
4.65     YES                    NO
 L0000524         0   0.13451E-03  370909.8 3809350.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000525         0   0.13451E-03  370915.2 3809358.7   502.6     5.00     4.65
4.65     YES                    NO
 L0000526         0   0.13451E-03  370920.7 3809366.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000527         0   0.13451E-03  370930.7 3809367.3   502.1     5.00     4.65
4.65     YES                    NO
 L0000528         0   0.13451E-03  370940.7 3809367.9   501.8     5.00     4.65
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4.65     YES                    NO
 L0000529         0   0.13451E-03  370950.7 3809368.4   501.6     5.00     4.65
4.65     YES                    NO
 L0000530         0   0.13451E-03  370955.0 3809374.8   501.4     5.00     4.65
4.65     YES                    NO
 L0000531         0   0.13451E-03  370955.8 3809384.8   501.2     5.00     4.65
4.65     YES                    NO
 L0000532         0   0.13451E-03  370956.6 3809394.7   501.1     5.00     4.65
4.65     YES                    NO
 L0000533         0   0.13451E-03  370957.4 3809404.7   500.9     5.00     4.65
4.65     YES                    NO
 L0000534         0   0.13451E-03  370959.3 3809413.4   500.8     5.00     4.65
4.65     YES                    NO
 L0000535         0   0.13451E-03  370969.3 3809413.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000536         0   0.13451E-03  370979.3 3809413.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000537         0   0.13451E-03  370989.3 3809413.4   500.6     5.00     4.65
4.65     YES                    NO
 L0000538         0   0.13451E-03  370999.3 3809413.4   500.6     5.00     4.65
4.65     YES                    NO
 L0000539         0   0.13451E-03  371009.3 3809413.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000540         0   0.13451E-03  371019.3 3809413.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000541         0   0.13451E-03  371029.3 3809413.4   500.4     5.00     4.65
4.65     YES                    NO
 L0000542         0   0.13451E-03  371039.3 3809413.4   500.4     5.00     4.65
4.65     YES                    NO
 L0000543         0   0.13451E-03  371049.3 3809413.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000544         0   0.13451E-03  371059.3 3809413.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000545         0   0.13451E-03  371069.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000546         0   0.13451E-03  371079.3 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000547         0   0.13451E-03  371089.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000548         0   0.13451E-03  371099.3 3809413.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000549         0   0.13451E-03  371109.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000550         0   0.13451E-03  371119.3 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000551         0   0.13451E-03  371129.3 3809413.4   499.9     5.00     4.65
4.65     YES                    NO
 L0000552         0   0.13451E-03  371130.4 3809422.5   499.8     5.00     4.65
4.65     YES                    NO
 L0000553         0   0.13451E-03  371130.5 3809432.5   499.8     5.00     4.65
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4.65 YES NO
L0000554 0 0.13451E-03 371130.7 3809442.5 499.7 5.00 4.65
4.65 YES NO
L0000555 0 0.13451E-03 371130.8 3809452.5 499.6 5.00 4.65
4.65 YES NO
L0000556 0 0.13451E-03 371131.0 3809462.5 499.5 5.00 4.65
4.65 YES NO
L0000557 0 0.13451E-03 371131.1 3809472.5 499.4 5.00 4.65
4.65 YES NO
L0000558 0 0.13451E-03 371131.3 3809482.5 499.3 5.00 4.65
4.65 YES NO
L0000559 0 0.13451E-03 371131.5 3809492.5 499.2 5.00 4.65
4.65 YES NO
L0000560 0 0.13451E-03 371131.6 3809502.5 499.1 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000561	0	0.13451E-03	371131.8	3809512.5	499.0	5.00	4.65	4.65	YES	NO	
L0000562	0	0.13451E-03	371131.9	3809522.5	498.9	5.00	4.65	4.65	YES	NO	
L0000563	0	0.13451E-03	371132.1	3809532.5	498.8	5.00	4.65	4.65	YES	NO	
L0000564	0	0.13451E-03	371132.2	3809542.5	498.7	5.00	4.65	4.65	YES	NO	
L0000565	0	0.13451E-03	371132.4	3809552.5	498.6	5.00	4.65	4.65	YES	NO	
L0000566	0	0.13451E-03	371132.5	3809562.5	498.5	5.00	4.65	4.65	YES	NO	
L0000567	0	0.13451E-03	371132.7	3809572.5	498.4	5.00	4.65	4.65	YES	NO	
L0000568	0	0.13451E-03	371132.9	3809582.5	498.3	5.00	4.65				

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4.65     YES                    NO
 L0000569         0   0.13451E-03  371133.0 3809592.5   498.2     5.00     4.65
4.65     YES                    NO
 L0000570         0   0.13451E-03  371133.2 3809602.5   498.1     5.00     4.65
4.65     YES                    NO
 L0000571         0   0.13451E-03  371133.3 3809612.5   498.0     5.00     4.65
4.65     YES                    NO
 L0000572         0   0.13451E-03  371133.5 3809622.5   497.9     5.00     4.65
4.65     YES                    NO
 L0000573         0   0.13451E-03  371133.6 3809632.5   497.8     5.00     4.65
4.65     YES                    NO
 L0000574         0   0.13451E-03  371133.8 3809642.5   497.7     5.00     4.65
4.65     YES                    NO
 L0000575         0   0.13451E-03  371134.0 3809652.5   497.6     5.00     4.65
4.65     YES                    NO
 L0000576         0   0.13451E-03  371134.1 3809662.5   497.5     5.00     4.65
4.65     YES                    NO
 L0000577         0   0.13451E-03  371134.3 3809672.5   497.4     5.00     4.65
4.65     YES                    NO
 L0000578         0   0.13451E-03  371134.4 3809682.5   497.3     5.00     4.65
4.65     YES                    NO
 L0000579         0   0.13451E-03  371134.6 3809692.5   497.2     5.00     4.65
4.65     YES                    NO
 L0000580         0   0.13451E-03  371134.7 3809702.5   497.1     5.00     4.65
4.65     YES                    NO
 L0000581         0   0.13451E-03  371134.9 3809712.5   497.0     5.00     4.65
4.65     YES                    NO
 L0000582         0   0.13451E-03  371135.0 3809722.5   496.9     5.00     4.65
4.65     YES                    NO
 L0000583         0   0.13451E-03  371135.2 3809732.5   496.9     5.00     4.65
4.65     YES                    NO
 L0000584         0   0.13451E-03  371135.4 3809742.5   496.8     5.00     4.65
4.65     YES                    NO
 L0000585         0   0.13451E-03  371135.5 3809752.5   496.7     5.00     4.65
4.65     YES                    NO
 L0000586         0   0.13451E-03  371135.7 3809762.5   496.6     5.00     4.65
4.65     YES                    NO
 L0000587         0   0.13451E-03  371135.8 3809772.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000588         0   0.13451E-03  371136.0 3809782.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000589         0   0.13451E-03  371136.1 3809792.5   496.3     5.00     4.65
4.65     YES                    NO
 L0000590         0   0.13451E-03  371136.3 3809802.5   496.2     5.00     4.65
4.65     YES                    NO
 L0000591         0   0.13451E-03  371136.4 3809812.5   496.1     5.00     4.65
4.65     YES                    NO
 L0000592         0   0.13451E-03  371136.6 3809822.5   496.0     5.00     4.65
4.65     YES                    NO
 L0000593         0   0.13451E-03  371136.8 3809832.5   495.9     5.00     4.65
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4.65     YES                    NO
 L0000594         0   0.13451E-03  371136.9 3809842.5   495.8     5.00     4.65
4.65     YES                    NO
 L0000595         0   0.13451E-03  371137.1 3809852.5   495.7     5.00     4.65
4.65     YES                    NO
 L0000596         0   0.13451E-03  371137.2 3809862.5   495.6     5.00     4.65
4.65     YES                    NO
 L0000597         0   0.13451E-03  371137.4 3809872.5   495.5     5.00     4.65
4.65     YES                    NO
 L0000598         0   0.13451E-03  371137.5 3809882.4   495.4     5.00     4.65
4.65     YES                    NO
 L0000599         0   0.13451E-03  371137.7 3809892.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000600         0   0.13451E-03  371137.8 3809902.4   495.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000601         0   0.13451E-03  371138.0 3809912.4   495.1     5.00     4.65
4.65     YES                    NO
 L0000602         0   0.13451E-03  371138.2 3809922.4   495.0     5.00     4.65
4.65     YES                    NO
 L0000603         0   0.13451E-03  371138.3 3809932.4   494.9     5.00     4.65
4.65     YES                    NO
 L0000604         0   0.13451E-03  371138.5 3809942.4   494.8     5.00     4.65
4.65     YES                    NO
 L0000605         0   0.13451E-03  371138.6 3809952.4   494.7     5.00     4.65
4.65     YES                    NO
 L0000606         0   0.13451E-03  371138.8 3809962.4   494.6     5.00     4.65
4.65     YES                    NO
 L0000607         0   0.13451E-03  371138.9 3809972.4   494.5     5.00     4.65
4.65     YES                    NO
 L0000608         0   0.13451E-03  371139.1 3809982.4   494.4     5.00     4.65
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4.65     YES                    NO
 L0000609         0   0.13451E-03  371136.0 3809988.6   494.4     5.00     4.65
4.65     YES                    NO
 L0000610         0   0.13451E-03  371126.1 3809986.9   494.5     5.00     4.65
4.65     YES                    NO
 L0000611         0   0.13451E-03  371116.3 3809985.1   494.6     5.00     4.65
4.65     YES                    NO
 L0000612         0   0.13451E-03  371106.4 3809983.4   494.8     5.00     4.65
4.65     YES                    NO
 L0000613         0   0.13451E-03  371096.6 3809981.7   494.9     5.00     4.65
4.65     YES                    NO
 L0000614         0   0.13451E-03  371086.7 3809980.0   495.0     5.00     4.65
4.65     YES                    NO
 L0000615         0   0.13451E-03  371076.9 3809978.2   495.1     5.00     4.65
4.65     YES                    NO
 L0000616         0   0.13451E-03  371067.0 3809976.5   495.2     5.00     4.65
4.65     YES                    NO
 L0000617         0   0.13451E-03  371057.2 3809974.8   495.3     5.00     4.65
4.65     YES                    NO
 L0000618         0   0.13451E-03  371047.3 3809973.1   495.4     5.00     4.65
4.65     YES                    NO
 L0000619         0   0.13451E-03  371037.5 3809971.3   495.6     5.00     4.65
4.65     YES                    NO
 L0000620         0   0.13451E-03  371027.6 3809969.6   495.7     5.00     4.65
4.65     YES                    NO
 L0000621         0   0.13451E-03  371017.8 3809967.9   495.8     5.00     4.65
4.65     YES                    NO
 L0000622         0   0.13451E-03  371007.9 3809966.2   495.9     5.00     4.65
4.65     YES                    NO
 L0000623         0   0.13451E-03  370998.1 3809964.4   496.0     5.00     4.65
4.65     YES                    NO
 L0000624         0   0.13451E-03  370988.2 3809962.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000625         0   0.13451E-03  370978.4 3809961.0   496.3     5.00     4.65
4.65     YES                    NO
 L0000626         0   0.13451E-03  370968.5 3809959.3   496.4     5.00     4.65
4.65     YES                    NO
 L0000627         0   0.13451E-03  370958.7 3809957.5   496.5     5.00     4.65
4.65     YES                    NO
 L0000628         0   0.13451E-03  370948.8 3809955.8   496.6     5.00     4.65
4.65     YES                    NO
 L0000629         0   0.13451E-03  370939.0 3809954.1   496.7     5.00     4.65
4.65     YES                    NO
 L0000630         0   0.13451E-03  370929.1 3809952.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000631         0   0.13451E-03  370919.3 3809950.6   496.9     5.00     4.65
4.65     YES                    NO
 L0000632         0   0.13451E-03  370909.4 3809948.9   497.1     5.00     4.65
4.65     YES                    NO
 L0000633         0   0.13451E-03  370899.6 3809947.2   497.2     5.00     4.65
```

4.65   YES   NO
 L0000634   0   0.13451E-03 370889.7 3809945.5   497.3   5.00   4.65
4.65   YES   NO
 L0000635   0   0.13451E-03 370879.9 3809943.7   497.4   5.00   4.65
4.65   YES   NO
 L0000636   0   0.13451E-03 370870.0 3809942.0   497.5   5.00   4.65
4.65   YES   NO
 L0000637   0   0.13451E-03 370860.2 3809940.3   497.7   5.00   4.65
4.65   YES   NO
 L0000638   0   0.13451E-03 370850.3 3809938.6   497.8   5.00   4.65
4.65   YES   NO
 L0000639   0   0.13451E-03 370840.5 3809936.8   497.9   5.00   4.65
4.65   YES   NO
 L0000640   0   0.13451E-03 370830.6 3809935.1   498.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000641   0   0.13451E-03 370820.8 3809933.4   498.1   5.00   4.65
4.65   YES   NO
 L0000642   0   0.13451E-03 370810.9 3809931.7   498.2   5.00   4.65
4.65   YES   NO
 L0000643   0   0.13451E-03 370801.1 3809929.9   498.3   5.00   4.65
4.65   YES   NO
 L0000644   0   0.13451E-03 370791.2 3809928.2   498.5   5.00   4.65
4.65   YES   NO
 L0000645   0   0.13451E-03 370781.4 3809926.5   498.6   5.00   4.65
4.65   YES   NO
 L0000646   0   0.13451E-03 370771.5 3809924.8   498.7   5.00   4.65
4.65   YES   NO
 L0000647   0   0.13451E-03 370761.7 3809923.0   498.8   5.00   4.65
4.65   YES   NO
 L0000648   0   0.13451E-03 370751.8 3809921.3   498.9   5.00   4.65

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4.65     YES                    NO
 L0000649         0   0.13451E-03  370741.9 3809919.9   498.5     5.00     4.65
4.65     YES                    NO
 L0000650         0   0.13451E-03  370732.0 3809918.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000651         0   0.13451E-03  370722.1 3809917.3   497.5     5.00     4.65
4.65     YES                    NO
 L0000652         0   0.13451E-03  370712.2 3809915.9   496.9     5.00     4.65
4.65     YES                    NO
 L0000653         0   0.13451E-03  370702.3 3809914.6   496.4     5.00     4.65
4.65     YES                    NO
 L0000654         0   0.13451E-03  370692.4 3809913.3   495.9     5.00     4.65
4.65     YES                    NO
 L0000655         0   0.13451E-03  370682.4 3809911.9   495.4     5.00     4.65
4.65     YES                    NO
 L0000656         0   0.13451E-03  370672.5 3809910.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000657         0   0.13451E-03  370662.6 3809909.3   494.3     5.00     4.65
4.65     YES                    NO
 L0000658         0   0.13451E-03  370652.7 3809907.9   493.8     5.00     4.65
4.65     YES                    NO
 L0000659         0   0.13451E-03  370642.8 3809906.6   493.3     5.00     4.65
4.65     YES                    NO
 L0000660         0   0.13451E-03  370632.9 3809905.3   492.8     5.00     4.65
4.65     YES                    NO
 L0000661         0   0.13451E-03  370623.0 3809903.9   492.3     5.00     4.65
4.65     YES                    NO
 L0000662         0   0.13451E-03  370613.1 3809902.6   491.7     5.00     4.65
4.65     YES                    NO
 L0000663         0   0.13451E-03  370603.2 3809901.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000664         0   0.13451E-03  370593.3 3809899.9   490.7     5.00     4.65
4.65     YES                    NO
 L0000665         0   0.13451E-03  370583.3 3809898.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000666         0   0.13451E-03  370573.4 3809897.3   489.7     5.00     4.65
4.65     YES                    NO
 L0000667         0   0.13451E-03  370563.5 3809895.9   489.1     5.00     4.65
4.65     YES                    NO
 L0000668         0   0.13451E-03  370553.6 3809894.6   488.6     5.00     4.65
4.65     YES                    NO
 L0000669         0   0.13451E-03  370543.7 3809893.3   488.1     5.00     4.65
4.65     YES                    NO
 L0000670         0   0.13451E-03  370536.5 3809889.5   487.8     5.00     4.65
4.65     YES                    NO
 L0000671         0   0.13451E-03  370536.1 3809879.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000672         0   0.13451E-03  370535.7 3809869.5   488.4     5.00     4.65
4.65     YES                    NO
 L0000673         0   0.13451E-03  370535.3 3809859.5   488.7     5.00     4.65
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4.65   YES   NO
 L0000674   0   0.13451E-03 370534.9 3809849.5   489.0   5.00   4.65
4.65   YES   NO
 L0000675   0   0.13451E-03 370528.2 3809843.0   489.1   5.00   4.65
4.65   YES   NO
 L0000676   0   0.13451E-03 370520.0 3809837.4   489.2   5.00   4.65
4.65   YES   NO
 L0000677   0   0.13451E-03 370511.7 3809831.7   489.2   5.00   4.65
4.65   YES   NO
 L0000678   0   0.13451E-03 370503.5 3809826.1   489.3   5.00   4.65
4.65   YES   NO
 L0000679   0   0.13451E-03 370495.2 3809820.4   489.3   5.00   4.65
4.65   YES   NO
 L0000680   0   0.13451E-03 370486.9 3809814.8   489.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000681   0   0.13451E-03 370478.7 3809809.2   489.4   5.00   4.65
4.65   YES   NO
 L0000682   0   0.13451E-03 370470.4 3809803.5   489.4   5.00   4.65
4.65   YES   NO
 L0000683   0   0.13451E-03 370462.2 3809797.9   489.5   5.00   4.65
4.65   YES   NO
 L0000684   0   0.13451E-03 370462.3 3809788.4   489.7   5.00   4.65
4.65   YES   NO
 L0000685   0   0.13451E-03 370463.6 3809778.5   490.0   5.00   4.65
4.65   YES   NO
 L0000686   0   0.13451E-03 370464.8 3809768.6   490.2   5.00   4.65
4.65   YES   NO
 L0000687   0   0.13451E-03 370466.1 3809758.7   490.4   5.00   4.65
4.65   YES   NO
 L0000688   0   0.13451E-03 370467.3 3809748.7   490.7   5.00   4.65

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4.65     YES                    NO
 L0000689         0   0.13451E-03  370468.5 3809738.8   490.9     5.00     4.65
4.65     YES                    NO
 L0000690         0   0.13451E-03  370469.8 3809728.9   491.2     5.00     4.65
4.65     YES                    NO
 L0000691         0   0.13451E-03  370471.0 3809719.0   491.4     5.00     4.65
4.65     YES                    NO
 L0000692         0   0.13451E-03  370472.3 3809709.1   491.7     5.00     4.65
4.65     YES                    NO
 L0000693         0   0.13451E-03  370473.5 3809699.1   491.9     5.00     4.65
4.65     YES                    NO
 L0000694         0   0.13451E-03  370474.7 3809689.2   492.2     5.00     4.65
4.65     YES                    NO
 L0000695         0   0.13451E-03  370476.0 3809679.3   492.4     5.00     4.65
4.65     YES                    NO
 L0000696         0   0.13451E-03  370477.2 3809669.4   492.7     5.00     4.65
4.65     YES                    NO
 L0000697         0   0.13451E-03  370478.5 3809659.4   492.9     5.00     4.65
4.65     YES                    NO
 L0000698         0   0.13451E-03  370482.7 3809651.4   493.1     5.00     4.65
4.65     YES                    NO
 L0000699         0   0.13451E-03  370491.0 3809645.8   493.3     5.00     4.65
4.65     YES                    NO
 L0000700         0   0.13451E-03  370499.3 3809640.2   493.6     5.00     4.65
4.65     YES                    NO
 L0000701         0   0.13451E-03  370507.6 3809634.6   493.8     5.00     4.65
4.65     YES                    NO
 L0000702         0   0.13451E-03  370515.9 3809629.0   494.0     5.00     4.65
4.65     YES                    NO
 L0000703         0   0.13451E-03  370524.2 3809623.4   494.2     5.00     4.65
4.65     YES                    NO
 L0000704         0   0.13451E-03  370532.5 3809617.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000705         0   0.13451E-03  370540.7 3809612.2   494.7     5.00     4.65
4.65     YES                    NO
 L0000706         0   0.13451E-03  370549.0 3809606.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000707         0   0.13451E-03  370557.3 3809601.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000708         0   0.13451E-03  370565.6 3809595.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000709         0   0.13451E-03  370573.9 3809589.8   495.5     5.00     4.65
4.65     YES                    NO
 L0000710         0   0.13451E-03  370582.2 3809584.2   495.8     5.00     4.65
4.65     YES                    NO
 L0000711         0   0.13451E-03  370590.5 3809578.6   496.0     5.00     4.65
4.65     YES                    NO
 L0000712         0   0.13451E-03  370598.7 3809573.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000713         0   0.13451E-03  370607.0 3809567.4   496.4     5.00     4.65
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4.65   YES   NO
 L0000714   0   0.13451E-03 370615.3 3809561.8   496.6   5.00   4.65
4.65   YES   NO
 L0000715   0   0.13451E-03 370623.6 3809556.2   496.9   5.00   4.65
4.65   YES   NO
 L0000716   0   0.13451E-03 370631.9 3809550.6   497.1   5.00   4.65
4.65   YES   NO
 L0000717   0   0.13451E-03 370640.2 3809545.0   497.3   5.00   4.65
4.65   YES   NO
 L0000718   0   0.13451E-03 370648.5 3809539.4   497.5   5.00   4.65
4.65   YES   NO
 L0000719   0   0.13451E-03 370656.8 3809533.8   497.7   5.00   4.65
4.65   YES   NO
 L0000720   0   0.13451E-03 370665.0 3809528.2   498.0   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000721   0   0.13451E-03 370673.3 3809522.6   498.2   5.00   4.65
4.65   YES   NO
 L0000722   0   0.13451E-03 370681.6 3809517.1   498.4   5.00   4.65
4.65   YES   NO
 L0000723   0   0.13451E-03 370689.9 3809511.5   498.6   5.00   4.65
4.65   YES   NO
 L0000724   0   0.13451E-03 370698.2 3809505.9   498.8   5.00   4.65
4.65   YES   NO
 L0000725   0   0.13451E-03 370706.5 3809500.3   499.1   5.00   4.65
4.65   YES   NO
 L0000726   0   0.13451E-03 370714.8 3809494.7   499.3   5.00   4.65
4.65   YES   NO
 L0000727   0   0.13451E-03 370723.1 3809489.1   499.5   5.00   4.65
4.65   YES   NO
 L0000728   0   0.13451E-03 370731.3 3809483.5   499.7   5.00   4.65

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4.65     YES                    NO
 L0000729         0   0.13451E-03  370739.6 3809477.9   499.9     5.00     4.65
4.65     YES                    NO
 L0000730         0   0.13451E-03  370747.9 3809472.3   500.2     5.00     4.65
4.65     YES                    NO
 L0000731         0   0.13451E-03  370756.2 3809466.7   500.4     5.00     4.65
4.65     YES                    NO
 L0000732         0   0.13451E-03  370764.9 3809461.8   500.7     5.00     4.65
4.65     YES                    NO
 L0000733         0   0.13451E-03  370773.6 3809456.8   501.0     5.00     4.65
4.65     YES                    NO
 L0000734         0   0.13451E-03  370782.3 3809451.9   501.4     5.00     4.65
4.65     YES                    NO
 L0000735         0   0.13451E-03  370791.0 3809446.9   501.7     5.00     4.65
4.65     YES                    NO
 L0000736         0   0.13451E-03  370799.7 3809441.9   502.0     5.00     4.65
4.65     YES                    NO
 L0000737         0   0.13451E-03  370805.7 3809435.4   502.3     5.00     4.65
4.65     YES                    NO
 L0000738         0   0.13451E-03  370805.9 3809425.4   502.5     5.00     4.65
4.65     YES                    NO
 L0000739         0   0.13451E-03  370806.0 3809415.4   502.7     5.00     4.65
4.65     YES                    NO
 L0000740         0   0.13451E-03  370806.2 3809405.4   502.9     5.00     4.65
4.65     YES                    NO
 L0000741         0   0.13451E-03  370806.4 3809395.4   503.1     5.00     4.65
4.65     YES                    NO
 L0000742         0   0.13451E-03  370806.6 3809385.4   503.3     5.00     4.65
4.65     YES                    NO
 L0000743         0   0.13451E-03  370806.8 3809375.4   503.5     5.00     4.65
4.65     YES                    NO
 L0000744         0   0.13451E-03  370807.0 3809365.4   503.7     5.00     4.65
4.65     YES                    NO
 L0000745         0   0.13451E-03  370807.2 3809355.4   503.9     5.00     4.65
4.65     YES                    NO
 L0000746         0   0.13451E-03  370807.4 3809345.4   504.1     5.00     4.65
4.65     YES                    NO
 L0000747         0   0.13451E-03  370811.1 3809336.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000748         0   0.13451E-03  370814.8 3809326.8   504.3     5.00     4.65
4.65     YES                    NO
 L0000749         0   0.13451E-03  370819.0 3809318.5   504.4     5.00     4.65
4.65     YES                    NO
 L0000750         0   0.13451E-03  370828.9 3809320.0   504.5     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.13451E-03  370838.8 3809321.5   504.6     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.13451E-03  370848.7 3809323.0   504.7     5.00     4.65
4.65     YES                    NO
 L0000753         0   0.13451E-03  370856.3 3809327.8   504.7     5.00     4.65
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4.65     YES                    NO
 L0000754         0   0.13451E-03  370861.3 3809336.4   504.5     5.00     4.65
4.65     YES                    NO
 L0000755         0   0.13451E-03  370866.3 3809345.1   504.2     5.00     4.65
4.65     YES                    NO
 L0000756         0   0.13451E-03  370871.3 3809353.8   504.0     5.00     4.65
4.65     YES                    NO
 L0000757         0   0.13451E-03  370876.3 3809362.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000758         0   0.13451E-03  370881.3 3809371.1   503.6     5.00     4.65
4.65     YES                    NO
 L0000759         0   0.13451E-03  370886.2 3809379.8   503.4     5.00     4.65
4.65     YES                    NO
 L0000760         0   0.13451E-03  370891.2 3809388.5   503.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000761         0   0.13451E-03  370896.3 3809397.1   502.9     5.00     4.65
4.65     YES                    NO
 L0000762         0   0.13451E-03  370901.9 3809405.4   502.6     5.00     4.65
4.65     YES                    NO
 L0000763         0   0.13451E-03  370907.4 3809413.7   502.2     5.00     4.65
4.65     YES                    NO
 L0000764         0   0.13451E-03  370913.0 3809422.0   501.9     5.00     4.65
4.65     YES                    NO
 L0000765         0   0.13451E-03  370918.5 3809430.3   501.5     5.00     4.65
4.65     YES                    NO
 L0000766         0   0.13451E-03  370924.0 3809438.7   501.2     5.00     4.65
4.65     YES                    NO
 L0000767         0   0.13451E-03  370931.2 3809444.1   500.9     5.00     4.65
4.65     YES                    NO
 L0000768         0   0.13451E-03  370941.2 3809444.5   500.7     5.00     4.65
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4.65     YES                    NO
 L0000769         0   0.13451E-03  370951.2 3809445.0   500.5     5.00     4.65
4.65     YES                    NO
 L0000770         0   0.13451E-03  370961.2 3809445.4   500.3     5.00     4.65
4.65     YES                    NO
 L0000771         0   0.13451E-03  370971.2 3809445.8   500.1     5.00     4.65
4.65     YES                    NO
 L0000772         0   0.13451E-03  370981.2 3809446.3   499.9     5.00     4.65
4.65     YES                    NO
 L0000773         0   0.13451E-03  370991.2 3809446.7   499.7     5.00     4.65
4.65     YES                    NO
 L0000774         0   0.13451E-03  371001.2 3809447.2   499.4     5.00     4.65
4.65     YES                    NO
 L0000775         0   0.13451E-03  371011.2 3809447.6   499.2     5.00     4.65
4.65     YES                    NO
 L0000776         0   0.13451E-03  371021.1 3809448.0   499.0     5.00     4.65
4.65     YES                    NO
 L0000777         0   0.13451E-03  371031.1 3809448.5   498.8     5.00     4.65
4.65     YES                    NO
 L0000778         0   0.13451E-03  371041.1 3809448.9   498.6     5.00     4.65
4.65     YES                    NO
 L0000779         0   0.13451E-03  371051.1 3809449.4   498.4     5.00     4.65
4.65     YES                    NO
 L0000780         0   0.13451E-03  371061.1 3809449.8   498.2     5.00     4.65
4.65     YES                    NO
 L0000781         0   0.13451E-03  371071.1 3809450.2   498.0     5.00     4.65
4.65     YES                    NO
 L0000782         0   0.13451E-03  371081.1 3809450.7   497.8     5.00     4.65
4.65     YES                    NO
 L0000783         0   0.13451E-03  371090.8 3809451.4   497.6     5.00     4.65
4.65     YES                    NO
 L0000784         0   0.13451E-03  371090.9 3809461.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000785         0   0.13451E-03  371091.1 3809471.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000786         0   0.13451E-03  371091.2 3809481.4   497.2     5.00     4.65
4.65     YES                    NO
 L0000787         0   0.13451E-03  371091.3 3809491.4   497.1     5.00     4.65
4.65     YES                    NO
 L0000788         0   0.13451E-03  371091.5 3809501.4   497.0     5.00     4.65
4.65     YES                    NO
 L0000789         0   0.13451E-03  371091.6 3809511.4   496.8     5.00     4.65
4.65     YES                    NO
 L0000790         0   0.13451E-03  371091.8 3809521.4   496.7     5.00     4.65
4.65     YES                    NO
 L0000791         0   0.13451E-03  371091.9 3809531.4   496.6     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.13451E-03  371092.0 3809541.4   496.5     5.00     4.65
4.65     YES                    NO
 L0000793         0   0.13451E-03  371092.2 3809551.4   496.3     5.00     4.65
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4.65   YES   NO
 L0000794   0   0.13451E-03 371092.3 3809561.4   496.2   5.00   4.65
4.65   YES   NO
 L0000795   0   0.13451E-03 371092.5 3809571.4   496.1   5.00   4.65
4.65   YES   NO
 L0000796   0   0.13451E-03 371092.6 3809581.4   495.9   5.00   4.65
4.65   YES   NO
 L0000797   0   0.13451E-03 371092.8 3809591.4   495.8   5.00   4.65
4.65   YES   NO
 L0000798   0   0.13451E-03 371092.9 3809601.4   495.7   5.00   4.65
4.65   YES   NO
 L0000799   0   0.13451E-03 371093.0 3809611.4   495.6   5.00   4.65
4.65   YES   NO
 L0000800   0   0.13451E-03 371093.2 3809621.4   495.4   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000801   0   0.13451E-03 371093.3 3809631.4   495.3   5.00   4.65
4.65   YES   NO
 L0000802   0   0.13451E-03 371093.5 3809641.4   495.2   5.00   4.65
4.65   YES   NO
 L0000803   0   0.13451E-03 371093.6 3809651.4   495.1   5.00   4.65
4.65   YES   NO
 L0000804   0   0.13451E-03 371093.7 3809661.4   494.9   5.00   4.65
4.65   YES   NO
 L0000805   0   0.13451E-03 371093.9 3809671.4   494.8   5.00   4.65
4.65   YES   NO
 L0000806   0   0.13451E-03 371094.0 3809681.4   494.7   5.00   4.65
4.65   YES   NO
 L0000807   0   0.13451E-03 371094.2 3809691.4   494.6   5.00   4.65
4.65   YES   NO
 L0000808   0   0.13451E-03 371094.3 3809701.4   494.4   5.00   4.65

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4.65     YES                    NO
 L0000809         0   0.13451E-03  371094.4 3809711.4   494.3     5.00     4.65
4.65     YES                    NO
 L0000810         0   0.13451E-03  371094.6 3809721.4   494.2     5.00     4.65
4.65     YES                    NO
 L0000811         0   0.13451E-03  371094.7 3809731.4   494.1     5.00     4.65
4.65     YES                    NO
 L0000812         0   0.13451E-03  371094.9 3809741.4   493.9     5.00     4.65
4.65     YES                    NO
 L0000813         0   0.13451E-03  371095.0 3809751.4   493.8     5.00     4.65
4.65     YES                    NO
 L0000814         0   0.13451E-03  371095.2 3809761.4   493.7     5.00     4.65
4.65     YES                    NO
 L0000815         0   0.13451E-03  371095.3 3809771.4   493.5     5.00     4.65
4.65     YES                    NO
 L0000816         0   0.13451E-03  371095.4 3809781.4   493.4     5.00     4.65
4.65     YES                    NO
 L0000817         0   0.13451E-03  371095.6 3809791.4   493.3     5.00     4.65
4.65     YES                    NO
 L0000818         0   0.13451E-03  371095.7 3809801.4   493.2     5.00     4.65
4.65     YES                    NO
 L0000819         0   0.13451E-03  371095.9 3809811.4   493.0     5.00     4.65
4.65     YES                    NO
 L0000820         0   0.13451E-03  371096.0 3809821.4   492.9     5.00     4.65
4.65     YES                    NO
 L0000821         0   0.13451E-03  371096.1 3809831.4   492.8     5.00     4.65
4.65     YES                    NO
 L0000822         0   0.13451E-03  371096.3 3809841.4   492.7     5.00     4.65
4.65     YES                    NO
 L0000823         0   0.13451E-03  371096.4 3809851.4   492.5     5.00     4.65
4.65     YES                    NO
 L0000824         0   0.13451E-03  371096.6 3809861.4   492.4     5.00     4.65
4.65     YES                    NO
 L0000825         0   0.13451E-03  371096.7 3809871.4   492.3     5.00     4.65
4.65     YES                    NO
 L0000826         0   0.13451E-03  371096.9 3809881.4   492.2     5.00     4.65
4.65     YES                    NO
 L0000827         0   0.13451E-03  371097.0 3809891.4   492.0     5.00     4.65
4.65     YES                    NO
 L0000828         0   0.13451E-03  371097.1 3809901.4   491.9     5.00     4.65
4.65     YES                    NO
 L0000829         0   0.13451E-03  371097.3 3809911.4   491.8     5.00     4.65
4.65     YES                    NO
 L0000830         0   0.13451E-03  371097.4 3809921.4   491.6     5.00     4.65
4.65     YES                    NO
 L0000831         0   0.13451E-03  371097.6 3809931.4   491.5     5.00     4.65
4.65     YES                    NO
 L0000832         0   0.13451E-03  371097.7 3809941.4   491.4     5.00     4.65
4.65     YES                    NO
 L0000833         0   0.13451E-03  371097.8 3809951.4   491.3     5.00     4.65
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4.65   YES   NO
 L0000834   0   0.13451E-03 371095.3 3809958.2   491.2   5.00   4.65
4.65   YES   NO
 L0000835   0   0.13451E-03 371085.4 3809956.5   491.1   5.00   4.65
4.65   YES   NO
 L0000836   0   0.13451E-03 371075.6 3809954.8   491.1   5.00   4.65
4.65   YES   NO
 L0000837   0   0.13451E-03 371065.7 3809953.1   491.0   5.00   4.65
4.65   YES   NO
 L0000838   0   0.13451E-03 371055.9 3809951.4   491.0   5.00   4.65
4.65   YES   NO
 L0000839   0   0.13451E-03 371046.0 3809949.7   490.9   5.00   4.65
4.65   YES   NO
 L0000840   0   0.13451E-03 371036.2 3809947.9   490.9   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- -

 L0000841   0   0.13451E-03 371026.3 3809946.2   490.8   5.00   4.65
4.65   YES   NO
 L0000842   0   0.13451E-03 371016.5 3809944.5   490.8   5.00   4.65
4.65   YES   NO
 L0000843   0   0.13451E-03 371006.6 3809942.8   490.7   5.00   4.65
4.65   YES   NO
 L0000844   0   0.13451E-03 370996.8 3809941.1   490.7   5.00   4.65
4.65   YES   NO
 L0000845   0   0.13451E-03 370986.9 3809939.4   490.6   5.00   4.65
4.65   YES   NO
 L0000846   0   0.13451E-03 370977.1 3809937.7   490.6   5.00   4.65
4.65   YES   NO
 L0000847   0   0.13451E-03 370967.2 3809936.0   490.5   5.00   4.65
4.65   YES   NO
 L0000848   0   0.13451E-03 370957.4 3809934.3   490.5   5.00   4.65

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4.65     YES                    NO
 L0000849         0   0.13451E-03  370947.5 3809932.6   490.4     5.00     4.65
4.65     YES                    NO
 L0000850         0   0.13451E-03  370937.7 3809930.8   490.4     5.00     4.65
4.65     YES                    NO
 L0000851         0   0.13451E-03  370927.8 3809929.1   490.3     5.00     4.65
4.65     YES                    NO
 L0000852         0   0.13451E-03  370918.0 3809927.4   490.3     5.00     4.65
4.65     YES                    NO
 L0000853         0   0.13451E-03  370908.1 3809925.7   490.2     5.00     4.65
4.65     YES                    NO
 L0000854         0   0.13451E-03  370898.2 3809924.0   490.2     5.00     4.65
4.65     YES                    NO
 L0000855         0   0.13451E-03  370888.4 3809922.3   490.1     5.00     4.65
4.65     YES                    NO
 L0000856         0   0.13451E-03  370878.5 3809920.6   490.1     5.00     4.65
4.65     YES                    NO
 L0000857         0   0.13451E-03  370868.7 3809918.9   490.1     5.00     4.65
4.65     YES                    NO
 L0000858         0   0.13451E-03  370858.8 3809917.2   490.0     5.00     4.65
4.65     YES                    NO
 L0000859         0   0.13451E-03  370849.0 3809915.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000860         0   0.13451E-03  370839.1 3809913.7   489.9     5.00     4.65
4.65     YES                    NO
 L0000861         0   0.13451E-03  370829.3 3809912.0   489.9     5.00     4.65
4.65     YES                    NO
 L0000862         0   0.13451E-03  370819.4 3809910.3   489.8     5.00     4.65
4.65     YES                    NO
 L0000863         0   0.13451E-03  370809.6 3809908.6   489.8     5.00     4.65
4.65     YES                    NO
 L0000864         0   0.13451E-03  370799.7 3809906.9   489.7     5.00     4.65
4.65     YES                    NO
 L0000865         0   0.13451E-03  370789.9 3809905.2   489.7     5.00     4.65
4.65     YES                    NO
 L0000866         0   0.13451E-03  370780.0 3809903.5   489.6     5.00     4.65
4.65     YES                    NO
 L0000867         0   0.13451E-03  370770.2 3809901.8   489.6     5.00     4.65
4.65     YES                    NO
 L0000868         0   0.13451E-03  370760.3 3809900.1   489.5     5.00     4.65
4.65     YES                    NO
 L0000869         0   0.13451E-03  370750.5 3809898.3   489.5     5.00     4.65
4.65     YES                    NO
 L0000870         0   0.13451E-03  370740.6 3809896.6   489.4     5.00     4.65
4.65     YES                    NO
 L0000871         0   0.13451E-03  370730.8 3809894.9   489.4     5.00     4.65
4.65     YES                    NO
 L0000872         0   0.13451E-03  370720.9 3809893.2   489.3     5.00     4.65
4.65     YES                    NO
 L0000873         0   0.13451E-03  370711.0 3809891.5   489.3     5.00     4.65
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4.65 YES NO
L0000874 0 0.13451E-03 370701.2 3809889.8 489.2 5.00 4.65
4.65 YES NO
L0000875 0 0.13451E-03 370691.3 3809888.1 489.2 5.00 4.65
4.65 YES NO
L0000876 0 0.13451E-03 370681.5 3809886.4 489.1 5.00 4.65
4.65 YES NO
L0000877 0 0.13451E-03 370671.6 3809884.7 489.1 5.00 4.65
4.65 YES NO
L0000878 0 0.13451E-03 370661.8 3809882.9 489.0 5.00 4.65
4.65 YES NO
L0000879 0 0.13451E-03 370651.9 3809881.2 489.0 5.00 4.65
4.65 YES NO
L0000880 0 0.13451E-03 370642.1 3809879.5 488.9 5.00 4.65
4.65 YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000881	0	0.13451E-03	370632.2	3809877.8	488.9	5.00	4.65	4.65	YES	NO	
L0000882	0	0.13451E-03	370622.4	3809876.1	488.8	5.00	4.65	4.65	YES	NO	
L0000883	0	0.13451E-03	370612.5	3809874.4	488.8	5.00	4.65	4.65	YES	NO	
L0000884	0	0.13451E-03	370602.7	3809872.7	488.7	5.00	4.65	4.65	YES	NO	
L0000885	0	0.13451E-03	370592.8	3809871.0	488.7	5.00	4.65	4.65	YES	NO	
L0000886	0	0.13451E-03	370583.0	3809869.3	488.7	5.00	4.65	4.65	YES	NO	
L0000887	0	0.13451E-03	370580.0	3809860.7	488.9	5.00	4.65	4.65	YES	NO	
L0000888	0	0.13451E-03	370578.4	3809850.8	489.1	5.00	4.65				

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4.65     YES                    NO
 L0000889         0   0.13451E-03  370576.7 3809841.0   489.3     5.00     4.65
4.65     YES                    NO
 L0000890         0   0.13451E-03  370575.1 3809831.1   489.6     5.00     4.65
4.65     YES                    NO
 L0000891         0   0.13451E-03  370570.0 3809823.8   489.7     5.00     4.65
4.65     YES                    NO
 L0000892         0   0.13451E-03  370561.0 3809819.3   489.8     5.00     4.65
4.65     YES                    NO
 L0000893         0   0.13451E-03  370552.1 3809814.9   489.8     5.00     4.65
4.65     YES                    NO
 L0000894         0   0.13451E-03  370543.1 3809810.4   489.8     5.00     4.65
4.65     YES                    NO
 L0000895         0   0.13451E-03  370534.2 3809805.9   489.8     5.00     4.65
4.65     YES                    NO
 L0000896         0   0.13451E-03  370525.2 3809801.4   489.9     5.00     4.65
4.65     YES                    NO
 L0000897         0   0.13451E-03  370516.3 3809797.0   489.9     5.00     4.65
4.65     YES                    NO
 L0000898         0   0.13451E-03  370507.3 3809792.5   489.9     5.00     4.65
4.65     YES                    NO
 L0000899         0   0.13451E-03  370506.2 3809783.3   490.1     5.00     4.65
4.65     YES                    NO
 L0000900         0   0.13451E-03  370506.4 3809773.3   490.4     5.00     4.65
4.65     YES                    NO
 L0000901         0   0.13451E-03  370506.6 3809763.3   490.6     5.00     4.65
4.65     YES                    NO
 L0000902         0   0.13451E-03  370506.7 3809753.3   490.8     5.00     4.65
4.65     YES                    NO
 L0000903         0   0.13451E-03  370506.9 3809743.3   491.0     5.00     4.65
4.65     YES                    NO
 L0000904         0   0.13451E-03  370507.1 3809733.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000905         0   0.13451E-03  370507.3 3809723.3   491.5     5.00     4.65
4.65     YES                    NO
 L0000906         0   0.13451E-03  370507.4 3809713.3   491.7     5.00     4.65
4.65     YES                    NO
 L0000907         0   0.13451E-03  370507.6 3809703.3   491.9     5.00     4.65
4.65     YES                    NO
 L0000908         0   0.13451E-03  370507.8 3809693.3   492.2     5.00     4.65
4.65     YES                    NO
 L0000909         0   0.13451E-03  370510.3 3809684.0   492.3     5.00     4.65
4.65     YES                    NO
 L0000910         0   0.13451E-03  370515.7 3809675.6   492.5     5.00     4.65
4.65     YES                    NO
 L0000911         0   0.13451E-03  370521.4 3809667.5   492.6     5.00     4.65
4.65     YES                    NO
 L0000912         0   0.13451E-03  370529.9 3809662.2   492.9     5.00     4.65
4.65     YES                    NO
 L0000913         0   0.13451E-03  370538.4 3809657.0   493.1     5.00     4.65
```

4.65 YES NO
L0000914 0 0.13451E-03 370546.9 3809651.7 493.4 5.00 4.65
4.65 YES NO
L0000915 0 0.13451E-03 370555.4 3809646.4 493.6 5.00 4.65
4.65 YES NO
L0000916 0 0.13451E-03 370563.9 3809641.2 493.9 5.00 4.65
4.65 YES NO
L0000917 0 0.13451E-03 370572.4 3809635.9 494.1 5.00 4.65
4.65 YES NO
L0000918 0 0.13451E-03 370580.9 3809630.6 494.4 5.00 4.65
4.65 YES NO
L0000919 0 0.13451E-03 370589.4 3809625.3 494.6 5.00 4.65
4.65 YES NO
L0000920 0 0.13451E-03 370597.9 3809620.1 494.8 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000921	0	0.13451E-03	370606.4	3809614.8	495.1	5.00	4.65	4.65	YES	NO	
L0000922	0	0.13451E-03	370614.9	3809609.5	495.3	5.00	4.65	4.65	YES	NO	
L0000923	0	0.13451E-03	370623.4	3809604.3	495.6	5.00	4.65	4.65	YES	NO	
L0000924	0	0.13451E-03	370631.9	3809599.0	495.8	5.00	4.65	4.65	YES	NO	
L0000925	0	0.13451E-03	370640.4	3809593.7	496.1	5.00	4.65	4.65	YES	NO	
L0000926	0	0.13451E-03	370648.9	3809588.4	496.3	5.00	4.65	4.65	YES	NO	
L0000927	0	0.13451E-03	370657.4	3809583.2	496.5	5.00	4.65	4.65	YES	NO	
L0000928	0	0.13451E-03	370665.9	3809577.9	496.8	5.00	4.65				

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4.65     YES                    NO
 L0000929         0   0.13451E-03  370674.4 3809572.6   497.0     5.00     4.65
4.65     YES                    NO
 L0000930         0   0.13451E-03  370682.9 3809567.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000931         0   0.13451E-03  370691.4 3809562.1   497.5     5.00     4.65
4.65     YES                    NO
 L0000932         0   0.13451E-03  370699.9 3809556.8   497.8     5.00     4.65
4.65     YES                    NO
 L0000933         0   0.13451E-03  370708.4 3809551.5   498.0     5.00     4.65
4.65     YES                    NO
 L0000934         0   0.13451E-03  370716.9 3809546.3   498.2     5.00     4.65
4.65     YES                    NO
 L0000935         0   0.13451E-03  370725.4 3809541.0   498.5     5.00     4.65
4.65     YES                    NO
 L0000936         0   0.13451E-03  370733.9 3809535.7   498.7     5.00     4.65
4.65     YES                    NO
 L0000937         0   0.13451E-03  370742.4 3809530.5   499.0     5.00     4.65
4.65     YES                    NO
 L0000938         0   0.13451E-03  370750.9 3809525.2   499.2     5.00     4.65
4.65     YES                    NO
 L0000939         0   0.13451E-03  370759.4 3809519.9   499.5     5.00     4.65
4.65     YES                    NO
 L0000940         0   0.13451E-03  370767.9 3809514.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000941         0   0.13451E-03  370776.4 3809509.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000942         0   0.13451E-03  370784.9 3809504.1   500.2     5.00     4.65
4.65     YES                    NO
 L0000943         0   0.13451E-03  370793.3 3809498.8   500.4     5.00     4.65
4.65     YES                    NO
 L0000944         0   0.13451E-03  370801.8 3809493.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000945         0   0.13451E-03  370809.1 3809486.8   500.9     5.00     4.65
4.65     YES                    NO
 L0000946         0   0.13451E-03  370816.0 3809479.5   501.0     5.00     4.65
4.65     YES                    NO
 L0000947         0   0.13451E-03  370822.9 3809472.3   501.1     5.00     4.65
4.65     YES                    NO
 L0000948         0   0.13451E-03  370829.8 3809465.1   501.2     5.00     4.65
4.65     YES                    NO
 L0000949         0   0.13451E-03  370836.7 3809457.8   501.4     5.00     4.65
4.65     YES                    NO
 L0000950         0   0.13451E-03  370841.2 3809449.8   501.5     5.00     4.65
4.65     YES                    NO
 L0000951         0   0.13451E-03  370840.5 3809439.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.13451E-03  370839.7 3809429.8   502.1     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.13451E-03  370838.9 3809419.8   502.4     5.00     4.65
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4.65     YES                    NO
 L0000954         0   0.13451E-03  370838.2 3809409.9   502.6     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.13451E-03  370837.4 3809399.9   502.9     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.13451E-03  370836.6 3809389.9   503.2     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.13451E-03  370839.1 3809383.1   503.4     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.13451E-03  370849.1 3809383.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.13451E-03  370859.0 3809384.5   503.3     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.13451E-03  370864.6 3809390.6   503.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000961         0   0.13451E-03  370867.2 3809400.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000962         0   0.13451E-03  370869.9 3809409.8   502.6     5.00     4.65
4.65     YES                    NO
 L0000963         0   0.13451E-03  370872.5 3809419.5   502.3     5.00     4.65
4.65     YES                    NO
 L0000964         0   0.13451E-03  370875.2 3809429.1   502.0     5.00     4.65
4.65     YES                    NO
 L0000965         0   0.13451E-03  370877.8 3809438.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000966         0   0.13451E-03  370880.5 3809448.4   501.5     5.00     4.65
4.65     YES                    NO
 L0000967         0   0.13451E-03  370884.0 3809457.4   501.2     5.00     4.65
4.65     YES                    NO
 L0000968         0   0.13451E-03  370892.2 3809463.2   500.9     5.00     4.65
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4.65     YES                    NO
 L0000969         0   0.13451E-03  370900.3 3809469.1   500.5     5.00     4.65
4.65     YES                    NO
 L0000970         0   0.13451E-03  370908.5 3809474.9   500.1     5.00     4.65
4.65     YES                    NO
 L0000971         0   0.13451E-03  370916.6 3809480.7   499.8     5.00     4.65
4.65     YES                    NO
 L0000972         0   0.13451E-03  370925.7 3809483.4   499.5     5.00     4.65
4.65     YES                    NO
 L0000973         0   0.13451E-03  370935.7 3809483.4   499.3     5.00     4.65
4.65     YES                    NO
 L0000974         0   0.13451E-03  370945.7 3809483.4   499.2     5.00     4.65
4.65     YES                    NO
 L0000975         0   0.13451E-03  370955.7 3809483.4   499.0     5.00     4.65
4.65     YES                    NO
 L0000976         0   0.13451E-03  370965.7 3809483.4   498.8     5.00     4.65
4.65     YES                    NO
 L0000977         0   0.13451E-03  370975.7 3809483.4   498.7     5.00     4.65
4.65     YES                    NO
 L0000978         0   0.13451E-03  370985.7 3809483.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000979         0   0.13451E-03  370995.7 3809483.4   498.4     5.00     4.65
4.65     YES                    NO
 L0000980         0   0.13451E-03  371005.7 3809483.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000981         0   0.13451E-03  371015.7 3809483.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000982         0   0.13451E-03  371025.7 3809483.4   497.9     5.00     4.65
4.65     YES                    NO
 L0000983         0   0.13451E-03  371035.7 3809483.4   497.7     5.00     4.65
4.65     YES                    NO
 L0000984         0   0.13451E-03  371045.7 3809483.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000985         0   0.13451E-03  371055.7 3809483.4   497.4     5.00     4.65
4.65     YES                    NO
 L0000986         0   0.13451E-03  371062.0 3809487.0   497.2     5.00     4.65
4.65     YES                    NO
 L0000987         0   0.13451E-03  371061.6 3809497.0   497.0     5.00     4.65
4.65     YES                    NO
 L0000988         0   0.13451E-03  371061.3 3809507.0   496.9     5.00     4.65
4.65     YES                    NO
 L0000989         0   0.13451E-03  371061.0 3809517.0   496.7     5.00     4.65
4.65     YES                    NO
 L0000990         0   0.13451E-03  371060.7 3809527.0   496.5     5.00     4.65
4.65     YES                    NO
 L0000991         0   0.13451E-03  371060.3 3809537.0   496.4     5.00     4.65
4.65     YES                    NO
 L0000992         0   0.13451E-03  371060.0 3809547.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000993         0   0.13451E-03  371059.7 3809557.0   496.0     5.00     4.65
```

4.65 YES NO
L0000994 0 0.13451E-03 371059.4 3809567.0 495.9 5.00 4.65
4.65 YES NO
L0000995 0 0.13451E-03 371059.1 3809577.0 495.7 5.00 4.65
4.65 YES NO
L0000996 0 0.13451E-03 371058.7 3809587.0 495.5 5.00 4.65
4.65 YES NO
L0000997 0 0.13451E-03 371058.4 3809597.0 495.3 5.00 4.65
4.65 YES NO
L0000998 0 0.13451E-03 371058.1 3809607.0 495.2 5.00 4.65
4.65 YES NO
L0000999 0 0.13451E-03 371057.8 3809617.0 495.0 5.00 4.65
4.65 YES NO
L0001000 0 0.13451E-03 371057.5 3809627.0 494.8 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001001	0	0.13451E-03	371057.1	3809637.0	494.7	5.00	4.65	4.65	YES	NO	
L0001002	0	0.13451E-03	371056.8	3809647.0	494.5	5.00	4.65	4.65	YES	NO	
L0001003	0	0.13451E-03	371056.5	3809656.9	494.3	5.00	4.65	4.65	YES	NO	
L0001004	0	0.13451E-03	371056.2	3809666.9	494.2	5.00	4.65	4.65	YES	NO	
L0001005	0	0.13451E-03	371055.9	3809676.9	494.0	5.00	4.65	4.65	YES	NO	
L0001006	0	0.13451E-03	371055.5	3809686.9	493.8	5.00	4.65	4.65	YES	NO	
L0001007	0	0.13451E-03	371055.2	3809696.9	493.7	5.00	4.65	4.65	YES	NO	
L0001008	0	0.13451E-03	371054.9	3809706.9	493.5	5.00	4.65	4.65	YES	NO	

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4.65     YES                    NO
 L0001009         0   0.13451E-03  371054.6 3809716.9   493.3     5.00     4.65
4.65     YES                    NO
 L0001010         0   0.13451E-03  371054.2 3809726.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001011         0   0.13451E-03  371053.9 3809736.9   493.0     5.00     4.65
4.65     YES                    NO
 L0001012         0   0.13451E-03  371053.6 3809746.9   492.8     5.00     4.65
4.65     YES                    NO
 L0001013         0   0.13451E-03  371053.3 3809756.9   492.6     5.00     4.65
4.65     YES                    NO
 L0001014         0   0.13451E-03  371053.0 3809766.9   492.5     5.00     4.65
4.65     YES                    NO
 L0001015         0   0.13451E-03  371052.6 3809776.9   492.3     5.00     4.65
4.65     YES                    NO
 L0001016         0   0.13451E-03  371052.3 3809786.9   492.1     5.00     4.65
4.65     YES                    NO
 L0001017         0   0.13451E-03  371052.0 3809796.9   492.0     5.00     4.65
4.65     YES                    NO
 L0001018         0   0.13451E-03  371051.7 3809806.9   491.8     5.00     4.65
4.65     YES                    NO
 L0001019         0   0.13451E-03  371051.4 3809816.9   491.6     5.00     4.65
4.65     YES                    NO
 L0001020         0   0.13451E-03  371051.0 3809826.9   491.4     5.00     4.65
4.65     YES                    NO
 L0001021         0   0.13451E-03  371050.7 3809836.9   491.3     5.00     4.65
4.65     YES                    NO
 L0001022         0   0.13451E-03  371050.4 3809846.8   491.1     5.00     4.65
4.65     YES                    NO
 L0001023         0   0.13451E-03  371050.1 3809856.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001024         0   0.13451E-03  371049.8 3809866.8   490.8     5.00     4.65
4.65     YES                    NO
 L0001025         0   0.13451E-03  371049.4 3809876.8   490.6     5.00     4.65
4.65     YES                    NO
 L0001026         0   0.13451E-03  371049.1 3809886.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001027         0   0.13451E-03  371048.8 3809896.8   490.3     5.00     4.65
4.65     YES                    NO
 L0001028         0   0.13451E-03  371048.5 3809906.8   490.1     5.00     4.65
4.65     YES                    NO
 L0001029         0   0.13451E-03  371048.1 3809916.8   489.9     5.00     4.65
4.65     YES                    NO
 L0001030         0   0.13451E-03  371047.8 3809926.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001031         0   0.13451E-03  371041.0 3809928.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001032         0   0.13451E-03  371031.2 3809926.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001033         0   0.13451E-03  371021.4 3809924.9   489.7     5.00     4.65
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4.65   YES   NO
 L0001034   0   0.13451E-03 371011.5 3809923.0   489.7   5.00   4.65
4.65   YES   NO
 L0001035   0   0.13451E-03 371001.7 3809921.2   489.7   5.00   4.65
4.65   YES   NO
 L0001036   0   0.13451E-03 370991.9 3809919.3   489.7   5.00   4.65
4.65   YES   NO
 L0001037   0   0.13451E-03 370982.1 3809917.4   489.7   5.00   4.65
4.65   YES   NO
 L0001038   0   0.13451E-03 370972.3 3809915.5   489.7   5.00   4.65
4.65   YES   NO
 L0001039   0   0.13451E-03 370962.4 3809913.6   489.7   5.00   4.65
4.65   YES   NO
 L0001040   0   0.13451E-03 370952.6 3809911.8   489.7   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0001041   0   0.13451E-03 370942.8 3809909.9   489.7   5.00   4.65
4.65   YES   NO
 L0001042   0   0.13451E-03 370933.0 3809908.0   489.7   5.00   4.65
4.65   YES   NO
 L0001043   0   0.13451E-03 370923.2 3809906.1   489.7   5.00   4.65
4.65   YES   NO
 L0001044   0   0.13451E-03 370913.3 3809904.2   489.7   5.00   4.65
4.65   YES   NO
 L0001045   0   0.13451E-03 370903.5 3809902.4   489.7   5.00   4.65
4.65   YES   NO
 L0001046   0   0.13451E-03 370893.7 3809900.5   489.7   5.00   4.65
4.65   YES   NO
 L0001047   0   0.13451E-03 370883.9 3809898.6   489.7   5.00   4.65
4.65   YES   NO
 L0001048   0   0.13451E-03 370874.0 3809896.7   489.7   5.00   4.65

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4.65     YES                    NO
 L0001049         0   0.13451E-03  370864.2 3809894.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001050         0   0.13451E-03  370854.4 3809893.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001051         0   0.13451E-03  370844.6 3809891.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001052         0   0.13451E-03  370834.8 3809889.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001053         0   0.13451E-03  370824.9 3809887.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001054         0   0.13451E-03  370815.1 3809885.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001055         0   0.13451E-03  370805.3 3809883.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001056         0   0.13451E-03  370795.5 3809881.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001057         0   0.13451E-03  370785.7 3809879.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001058         0   0.13451E-03  370775.8 3809877.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001059         0   0.13451E-03  370766.0 3809876.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001060         0   0.13451E-03  370756.2 3809874.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001061         0   0.13451E-03  370746.4 3809872.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001062         0   0.13451E-03  370736.5 3809870.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001063         0   0.13451E-03  370726.7 3809868.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001064         0   0.13451E-03  370716.9 3809866.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001065         0   0.13451E-03  370707.1 3809864.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001066         0   0.13451E-03  370697.3 3809862.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001067         0   0.13451E-03  370687.4 3809861.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001068         0   0.13451E-03  370677.6 3809859.1   489.8     5.00     4.65
4.65     YES                    NO
 L0001069         0   0.13451E-03  370667.8 3809857.2   489.8     5.00     4.65
4.65     YES                    NO
 L0001070         0   0.13451E-03  370658.0 3809855.3   489.8     5.00     4.65
4.65     YES                    NO
 L0001071         0   0.13451E-03  370648.2 3809853.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001072         0   0.13451E-03  370638.3 3809851.6   489.8     5.00     4.65
4.65     YES                    NO
 L0001073         0   0.13451E-03  370628.5 3809849.7   489.8     5.00     4.65
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4.65 YES NO
L0001074 0 0.13451E-03 370623.8 3809842.0 489.9 5.00 4.65
4.65 YES NO
L0001075 0 0.13451E-03 370620.6 3809832.5 490.0 5.00 4.65
4.65 YES NO
L0001076 0 0.13451E-03 370617.5 3809823.0 490.1 5.00 4.65
4.65 YES NO
L0001077 0 0.13451E-03 370614.3 3809813.5 490.3 5.00 4.65
4.65 YES NO
L0001078 0 0.13451E-03 370611.2 3809804.0 490.4 5.00 4.65
4.65 YES NO
L0001079 0 0.13451E-03 370604.2 3809797.7 490.5 5.00 4.65
4.65 YES NO
L0001080 0 0.13451E-03 370595.4 3809793.0 490.6 5.00 4.65
4.65 YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001081	0	0.13451E-03	370586.6	3809788.3	490.7	5.00	4.65	4.65	YES	NO	
L0001082	0	0.13451E-03	370577.7	3809783.6	490.7	5.00	4.65	4.65	YES	NO	
L0001083	0	0.13451E-03	370568.9	3809779.0	490.8	5.00	4.65	4.65	YES	NO	
L0001084	0	0.13451E-03	370560.1	3809774.3	490.9	5.00	4.65	4.65	YES	NO	
L0001085	0	0.13451E-03	370552.6	3809768.7	491.0	5.00	4.65	4.65	YES	NO	
L0001086	0	0.13451E-03	370552.1	3809758.7	491.1	5.00	4.65	4.65	YES	NO	
L0001087	0	0.13451E-03	370551.5	3809748.7	491.2	5.00	4.65	4.65	YES	NO	
L0001088	0	0.13451E-03	370551.0	3809738.7	491.3	5.00	4.65	4.65	YES	NO	

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4.65     YES                    NO
 L0001089         0   0.13451E-03  370550.4 3809728.8   491.4     5.00     4.65
4.65     YES                    NO
 L0001090         0   0.13451E-03  370549.8 3809718.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001091         0   0.13451E-03  370549.3 3809708.8   491.6     5.00     4.65
4.65     YES                    NO
 L0001092         0   0.13451E-03  370555.0 3809702.1   491.8     5.00     4.65
4.65     YES                    NO
 L0001093         0   0.13451E-03  370563.5 3809696.7   492.0     5.00     4.65
4.65     YES                    NO
 L0001094         0   0.13451E-03  370572.0 3809691.4   492.3     5.00     4.65
4.65     YES                    NO
 L0001095         0   0.13451E-03  370580.5 3809686.1   492.5     5.00     4.65
4.65     YES                    NO
 L0001096         0   0.13451E-03  370588.9 3809680.8   492.7     5.00     4.65
4.65     YES                    NO
 L0001097         0   0.13451E-03  370597.4 3809675.5   493.0     5.00     4.65
4.65     YES                    NO
 L0001098         0   0.13451E-03  370605.9 3809670.2   493.2     5.00     4.65
4.65     YES                    NO
 L0001099         0   0.13451E-03  370614.3 3809664.8   493.4     5.00     4.65
4.65     YES                    NO
 L0001100         0   0.13451E-03  370622.8 3809659.5   493.7     5.00     4.65
4.65     YES                    NO
 L0001101         0   0.13451E-03  370631.3 3809654.2   493.9     5.00     4.65
4.65     YES                    NO
 L0001102         0   0.13451E-03  370639.7 3809648.9   494.2     5.00     4.65
4.65     YES                    NO
 L0001103         0   0.13451E-03  370648.2 3809643.6   494.4     5.00     4.65
4.65     YES                    NO
 L0001104         0   0.13451E-03  370656.7 3809638.2   494.6     5.00     4.65
4.65     YES                    NO
 L0001105         0   0.13451E-03  370665.1 3809632.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001106         0   0.13451E-03  370673.6 3809627.6   495.1     5.00     4.65
4.65     YES                    NO
 L0001107         0   0.13451E-03  370682.1 3809622.3   495.3     5.00     4.65
4.65     YES                    NO
 L0001108         0   0.13451E-03  370690.5 3809617.0   495.6     5.00     4.65
4.65     YES                    NO
 L0001109         0   0.13451E-03  370699.0 3809611.6   495.8     5.00     4.65
4.65     YES                    NO
 L0001110         0   0.13451E-03  370707.5 3809606.3   496.1     5.00     4.65
4.65     YES                    NO
 L0001111         0   0.13451E-03  370715.9 3809601.0   496.3     5.00     4.65
4.65     YES                    NO
 L0001112         0   0.13451E-03  370724.4 3809595.7   496.5     5.00     4.65
4.65     YES                    NO
 L0001113         0   0.13451E-03  370732.9 3809590.4   496.8     5.00     4.65
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4.65   YES   NO
 L0001114   0   0.13451E-03 370741.3 3809585.1   497.0   5.00   4.65
4.65   YES   NO
 L0001115   0   0.13451E-03 370749.8 3809579.7   497.2   5.00   4.65
4.65   YES   NO
 L0001116   0   0.13451E-03 370758.3 3809574.4   497.5   5.00   4.65
4.65   YES   NO
 L0001117   0   0.13451E-03 370766.8 3809569.1   497.7   5.00   4.65
4.65   YES   NO
 L0001118   0   0.13451E-03 370775.2 3809563.8   497.9   5.00   4.65
4.65   YES   NO
 L0001119   0   0.13451E-03 370783.7 3809558.5   498.2   5.00   4.65
4.65   YES   NO
 L0001120   0   0.13451E-03 370792.2 3809553.1   498.4   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- - - - - - - - - - - - - - - - - - - -

 L0001121   0   0.13451E-03 370800.6 3809547.8   498.7   5.00   4.65
4.65   YES   NO
 L0001122   0   0.13451E-03 370809.1 3809542.5   498.9   5.00   4.65
4.65   YES   NO
 L0001123   0   0.13451E-03 370817.6 3809537.2   499.1   5.00   4.65
4.65   YES   NO
 L0001124   0   0.13451E-03 370826.0 3809531.9   499.4   5.00   4.65
4.65   YES   NO
 L0001125   0   0.13451E-03 370834.5 3809526.5   499.6   5.00   4.65
4.65   YES   NO
 L0001126   0   0.13451E-03 370843.0 3809521.2   499.8   5.00   4.65
4.65   YES   NO
 L0001127   0   0.13451E-03 370852.9 3809521.0   499.7   5.00   4.65
4.65   YES   NO
 L0001128   0   0.13451E-03 370862.9 3809520.9   499.6   5.00   4.65

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4.65     YES                    NO
 L0001129         0   0.13451E-03  370872.9 3809520.8   499.4     5.00     4.65
4.65     YES                    NO
 L0001130         0   0.13451E-03  370882.9 3809520.7   499.3     5.00     4.65
4.65     YES                    NO
 L0001131         0   0.13451E-03  370892.9 3809520.6   499.1     5.00     4.65
4.65     YES                    NO
 L0001132         0   0.13451E-03  370902.9 3809520.5   499.0     5.00     4.65
4.65     YES                    NO
 L0001133         0   0.13451E-03  370912.9 3809520.4   498.8     5.00     4.65
4.65     YES                    NO
 L0001134         0   0.13451E-03  370922.9 3809520.3   498.7     5.00     4.65
4.65     YES                    NO
 L0001135         0   0.13451E-03  370932.9 3809520.2   498.5     5.00     4.65
4.65     YES                    NO
 L0001136         0   0.13451E-03  370942.9 3809520.1   498.4     5.00     4.65
4.65     YES                    NO
 L0001137         0   0.13451E-03  370952.9 3809520.0   498.2     5.00     4.65
4.65     YES                    NO
 L0001138         0   0.13451E-03  370962.9 3809519.9   498.1     5.00     4.65
4.65     YES                    NO
 L0001139         0   0.13451E-03  370972.9 3809519.8   497.9     5.00     4.65
4.65     YES                    NO
 L0001140         0   0.13451E-03  370982.9 3809519.7   497.8     5.00     4.65
4.65     YES                    NO
 L0001141         0   0.13451E-03  370992.9 3809519.6   497.6     5.00     4.65
4.65     YES                    NO
 L0001142         0   0.13451E-03  371002.9 3809519.5   497.5     5.00     4.65
4.65     YES                    NO
 L0001143         0   0.13451E-03  371012.9 3809519.4   497.3     5.00     4.65
4.65     YES                    NO
 L0001144         0   0.13451E-03  371022.6 3809519.5   497.2     5.00     4.65
4.65     YES                    NO
 L0001145         0   0.13451E-03  371022.2 3809529.5   497.0     5.00     4.65
4.65     YES                    NO
 L0001146         0   0.13451E-03  371021.8 3809539.5   496.8     5.00     4.65
4.65     YES                    NO
 L0001147         0   0.13451E-03  371021.4 3809549.5   496.6     5.00     4.65
4.65     YES                    NO
 L0001148         0   0.13451E-03  371021.0 3809559.5   496.4     5.00     4.65
4.65     YES                    NO
 L0001149         0   0.13451E-03  371020.7 3809569.5   496.2     5.00     4.65
4.65     YES                    NO
 L0001150         0   0.13451E-03  371020.3 3809579.5   496.0     5.00     4.65
4.65     YES                    NO
 L0001151         0   0.13451E-03  371019.9 3809589.5   495.8     5.00     4.65
4.65     YES                    NO
 L0001152         0   0.13451E-03  371019.5 3809599.5   495.6     5.00     4.65
4.65     YES                    NO
 L0001153         0   0.13451E-03  371019.1 3809609.5   495.4     5.00     4.65
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4.65     YES                    NO
 L0001154         0   0.13451E-03  371018.7 3809619.5   495.1     5.00     4.65
4.65     YES                    NO
 L0001155         0   0.13451E-03  371018.3 3809629.5   494.9     5.00     4.65
4.65     YES                    NO
 L0001156         0   0.13451E-03  371017.9 3809639.5   494.7     5.00     4.65
4.65     YES                    NO
 L0001157         0   0.13451E-03  371017.5 3809649.4   494.5     5.00     4.65
4.65     YES                    NO
 L0001158         0   0.13451E-03  371017.1 3809659.4   494.3     5.00     4.65
4.65     YES                    NO
 L0001159         0   0.13451E-03  371016.8 3809669.4   494.1     5.00     4.65
4.65     YES                    NO
 L0001160         0   0.13451E-03  371016.4 3809679.4   493.9     5.00     4.65
4.65     YES                    NO
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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001161         0   0.13451E-03  371016.0 3809689.4   493.7     5.00     4.65
4.65     YES                    NO
 L0001162         0   0.13451E-03  371015.6 3809699.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001163         0   0.13451E-03  371015.2 3809709.4   493.3     5.00     4.65
4.65     YES                    NO
 L0001164         0   0.13451E-03  371014.8 3809719.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001165         0   0.13451E-03  371014.4 3809729.4   492.9     5.00     4.65
4.65     YES                    NO
 L0001166         0   0.13451E-03  371014.0 3809739.4   492.7     5.00     4.65
4.65     YES                    NO
 L0001167         0   0.13451E-03  371013.6 3809749.4   492.5     5.00     4.65
4.65     YES                    NO
 L0001168         0   0.13451E-03  371013.2 3809759.4   492.3     5.00     4.65
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4.65     YES                    NO
 L0001169         0   0.13451E-03  371012.9 3809769.4   492.1     5.00     4.65
4.65     YES                    NO
 L0001170         0   0.13451E-03  371012.5 3809779.3   491.9     5.00     4.65
4.65     YES                    NO
 L0001171         0   0.13451E-03  371012.1 3809789.3   491.7     5.00     4.65
4.65     YES                    NO
 L0001172         0   0.13451E-03  371011.7 3809799.3   491.5     5.00     4.65
4.65     YES                    NO
 L0001173         0   0.13451E-03  371011.3 3809809.3   491.2     5.00     4.65
4.65     YES                    NO
 L0001174         0   0.13451E-03  371010.9 3809819.3   491.1     5.00     4.65
4.65     YES                    NO
 L0001175         0   0.13451E-03  371010.5 3809829.3   490.8     5.00     4.65
4.65     YES                    NO
 L0001176         0   0.13451E-03  371010.1 3809839.3   490.6     5.00     4.65
4.65     YES                    NO
 L0001177         0   0.13451E-03  371009.7 3809849.3   490.4     5.00     4.65
4.65     YES                    NO
 L0001178         0   0.13451E-03  371009.3 3809859.3   490.2     5.00     4.65
4.65     YES                    NO
 L0001179         0   0.13451E-03  371009.0 3809869.3   490.0     5.00     4.65
4.65     YES                    NO
 L0001180         0   0.13451E-03  371008.6 3809879.3   489.8     5.00     4.65
4.65     YES                    NO
 L0001181         0   0.13451E-03  371006.0 3809886.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001182         0   0.13451E-03  370996.2 3809884.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001183         0   0.13451E-03  370986.3 3809882.7   489.7     5.00     4.65
4.65     YES                    NO
 L0001184         0   0.13451E-03  370976.5 3809880.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001185         0   0.13451E-03  370966.7 3809878.8   489.8     5.00     4.65
4.65     YES                    NO
 L0001186         0   0.13451E-03  370956.9 3809876.9   489.8     5.00     4.65
4.65     YES                    NO
 L0001187         0   0.13451E-03  370947.1 3809875.0   489.8     5.00     4.65
4.65     YES                    NO
 L0001188         0   0.13451E-03  370937.3 3809873.1   489.9     5.00     4.65
4.65     YES                    NO
 L0001189         0   0.13451E-03  370927.4 3809871.2   489.9     5.00     4.65
4.65     YES                    NO
 L0001190         0   0.13451E-03  370917.6 3809869.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001191         0   0.13451E-03  370907.8 3809867.4   489.9     5.00     4.65
4.65     YES                    NO
 L0001192         0   0.13451E-03  370898.0 3809865.5   490.0     5.00     4.65
4.65     YES                    NO
 L0001193         0   0.13451E-03  370888.2 3809863.6   490.0     5.00     4.65
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4.65   YES   NO
 L0001194   0   0.13451E-03 370878.4 3809861.7   490.0   5.00   4.65
4.65   YES   NO
 L0001195   0   0.13451E-03 370868.5 3809859.8   490.1   5.00   4.65
4.65   YES   NO
 L0001196   0   0.13451E-03 370858.7 3809857.9   490.1   5.00   4.65
4.65   YES   NO
 L0001197   0   0.13451E-03 370848.9 3809855.9   490.1   5.00   4.65
4.65   YES   NO
 L0001198   0   0.13451E-03 370839.1 3809854.0   490.1   5.00   4.65
4.65   YES   NO
 L0001199   0   0.13451E-03 370829.3 3809852.1   490.2   5.00   4.65
4.65   YES   NO
 L0001200   0   0.13451E-03 370819.5 3809850.2   490.2   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0001201   0   0.13451E-03 370809.6 3809848.3   490.2   5.00   4.65
4.65   YES   NO
 L0001202   0   0.13451E-03 370799.8 3809846.4   490.2   5.00   4.65
4.65   YES   NO
 L0001203   0   0.13451E-03 370790.0 3809844.5   490.3   5.00   4.65
4.65   YES   NO
 L0001204   0   0.13451E-03 370780.2 3809842.6   490.3   5.00   4.65
4.65   YES   NO
 L0001205   0   0.13451E-03 370770.4 3809840.7   490.3   5.00   4.65
4.65   YES   NO
 L0001206   0   0.13451E-03 370760.6 3809838.8   490.4   5.00   4.65
4.65   YES   NO
 L0001207   0   0.13451E-03 370750.8 3809836.9   490.4   5.00   4.65
4.65   YES   NO
 L0001208   0   0.13451E-03 370740.9 3809834.9   490.4   5.00   4.65

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4.65     YES                    NO
 L0001209         0   0.13451E-03  370731.1 3809833.0   490.4     5.00     4.65
4.65     YES                    NO
 L0001210         0   0.13451E-03  370721.3 3809831.1   490.5     5.00     4.65
4.65     YES                    NO
 L0001211         0   0.13451E-03  370711.5 3809829.2   490.5     5.00     4.65
4.65     YES                    NO
 L0001212         0   0.13451E-03  370701.7 3809827.3   490.5     5.00     4.65
4.65     YES                    NO
 L0001213         0   0.13451E-03  370691.9 3809825.4   490.6     5.00     4.65
4.65     YES                    NO
 L0001214         0   0.13451E-03  370682.9 3809821.8   490.6     5.00     4.65
4.65     YES                    NO
 L0001215         0   0.13451E-03  370675.5 3809815.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001216         0   0.13451E-03  370668.2 3809808.2   490.8     5.00     4.65
4.65     YES                    NO
 L0001217         0   0.13451E-03  370660.8 3809801.5   490.9     5.00     4.65
4.65     YES                    NO
 L0001218         0   0.13451E-03  370653.5 3809794.7   491.0     5.00     4.65
4.65     YES                    NO
 L0001219         0   0.13451E-03  370646.2 3809787.9   491.1     5.00     4.65
4.65     YES                    NO
 L0001220         0   0.13451E-03  370638.8 3809781.1   491.2     5.00     4.65
4.65     YES                    NO
 L0001221         0   0.13451E-03  370631.5 3809774.3   491.3     5.00     4.65
4.65     YES                    NO
 L0001222         0   0.13451E-03  370624.1 3809767.5   491.4     5.00     4.65
4.65     YES                    NO
 L0001223         0   0.13451E-03  370616.8 3809760.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001224         0   0.13451E-03  370609.9 3809753.5   491.7     5.00     4.65
4.65     YES                    NO
 L0001225         0   0.13451E-03  370603.1 3809746.1   491.9     5.00     4.65
4.65     YES                    NO
 L0001226         0   0.13451E-03  370596.4 3809738.8   492.1     5.00     4.65
4.65     YES                    NO
 L0001227         0   0.13451E-03  370595.8 3809729.0   492.3     5.00     4.65
4.65     YES                    NO
 L0001228         0   0.13451E-03  370595.8 3809719.0   492.5     5.00     4.65
4.65     YES                    NO
 L0001229         0   0.13451E-03  370603.7 3809713.4   492.7     5.00     4.65
4.65     YES                    NO
 L0001230         0   0.13451E-03  370612.2 3809708.1   492.9     5.00     4.65
4.65     YES                    NO
 L0001231         0   0.13451E-03  370620.7 3809702.9   493.1     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.13451E-03  370629.2 3809697.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.13451E-03  370637.7 3809692.3   493.4     5.00     4.65
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4.65     YES                    NO
 L0001234         0   0.13451E-03  370646.2 3809687.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.13451E-03  370654.6 3809681.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.13451E-03  370663.1 3809676.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.13451E-03  370671.6 3809671.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.13451E-03  370680.1 3809665.9   494.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.13451E-03  370688.6 3809660.6   494.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.13451E-03  370697.1 3809655.3   494.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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- - - - - - - - - - - - - - - - - - - -

 L0001241         0   0.13451E-03  370705.6 3809650.1   495.0     5.00     4.65
4.65     YES                    NO
 L0001242         0   0.13451E-03  370714.1 3809644.8   495.2     5.00     4.65
4.65     YES                    NO
 L0001243         0   0.13451E-03  370722.6 3809639.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001244         0   0.13451E-03  370731.1 3809634.2   495.6     5.00     4.65
4.65     YES                    NO
 L0001245         0   0.13451E-03  370739.6 3809629.0   495.8     5.00     4.65
4.65     YES                    NO
 L0001246         0   0.13451E-03  370748.1 3809623.7   496.0     5.00     4.65
4.65     YES                    NO
 L0001247         0   0.13451E-03  370756.6 3809618.4   496.2     5.00     4.65
4.65     YES                    NO
 L0001248         0   0.13451E-03  370765.1 3809613.1   496.4     5.00     4.65
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4.65     YES                    NO
 L0001249         0   0.13451E-03  370773.6 3809607.8   496.6     5.00     4.65
4.65     YES                    NO
 L0001250         0   0.13451E-03  370782.1 3809602.6   496.7     5.00     4.65
4.65     YES                    NO
 L0001251         0   0.13451E-03  370790.5 3809597.3   496.9     5.00     4.65
4.65     YES                    NO
 L0001252         0   0.13451E-03  370799.0 3809592.0   497.1     5.00     4.65
4.65     YES                    NO
 L0001253         0   0.13451E-03  370807.5 3809586.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001254         0   0.13451E-03  370816.0 3809581.5   497.5     5.00     4.65
4.65     YES                    NO
 L0001255         0   0.13451E-03  370824.5 3809576.2   497.7     5.00     4.65
4.65     YES                    NO
 L0001256         0   0.13451E-03  370833.0 3809570.9   497.9     5.00     4.65
4.65     YES                    NO
 L0001257         0   0.13451E-03  370841.5 3809565.6   498.1     5.00     4.65
4.65     YES                    NO
 L0001258         0   0.13451E-03  370850.6 3809562.3   498.2     5.00     4.65
4.65     YES                    NO
 L0001259         0   0.13451E-03  370860.6 3809562.3   498.0     5.00     4.65
4.65     YES                    NO
 L0001260         0   0.13451E-03  370870.6 3809562.3   497.9     5.00     4.65
4.65     YES                    NO
 L0001261         0   0.13451E-03  370880.6 3809562.3   497.7     5.00     4.65
4.65     YES                    NO
 L0001262         0   0.13451E-03  370890.6 3809562.3   497.6     5.00     4.65
4.65     YES                    NO
 L0001263         0   0.13451E-03  370900.6 3809562.3   497.4     5.00     4.65
4.65     YES                    NO
 L0001264         0   0.13451E-03  370910.6 3809562.3   497.3     5.00     4.65
4.65     YES                    NO
 L0001265         0   0.13451E-03  370920.6 3809562.3   497.1     5.00     4.65
4.65     YES                    NO
 L0001266         0   0.13451E-03  370930.6 3809562.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001267         0   0.13451E-03  370940.6 3809562.3   496.8     5.00     4.65
4.65     YES                    NO
 L0001268         0   0.13451E-03  370950.6 3809562.3   496.7     5.00     4.65
4.65     YES                    NO
 L0001269         0   0.13451E-03  370960.6 3809562.3   496.5     5.00     4.65
4.65     YES                    NO
 L0001270         0   0.13451E-03  370968.8 3809564.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001271         0   0.13451E-03  370968.7 3809574.0   496.2     5.00     4.65
4.65     YES                    NO
 L0001272         0   0.13451E-03  370968.7 3809584.0   495.9     5.00     4.65
4.65     YES                    NO
 L0001273         0   0.13451E-03  370968.6 3809594.0   495.7     5.00     4.65
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4.65     YES                    NO
 L0001274         0   0.13451E-03  370968.5 3809604.0   495.4     5.00     4.65
4.65     YES                    NO
 L0001275         0   0.13451E-03  370968.5 3809614.0   495.2     5.00     4.65
4.65     YES                    NO
 L0001276         0   0.13451E-03  370968.4 3809624.0   495.0     5.00     4.65
4.65     YES                    NO
 L0001277         0   0.13451E-03  370968.4 3809634.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001278         0   0.13451E-03  370968.3 3809644.0   494.5     5.00     4.65
4.65     YES                    NO
 L0001279         0   0.13451E-03  370968.2 3809654.0   494.3     5.00     4.65
4.65     YES                    NO
 L0001280         0   0.13451E-03  370968.2 3809664.0   494.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001281         0   0.13451E-03  370968.1 3809674.0   493.8     5.00     4.65
4.65     YES                    NO
 L0001282         0   0.13451E-03  370968.0 3809684.0   493.6     5.00     4.65
4.65     YES                    NO
 L0001283         0   0.13451E-03  370968.0 3809694.0   493.3     5.00     4.65
4.65     YES                    NO
 L0001284         0   0.13451E-03  370967.9 3809704.0   493.1     5.00     4.65
4.65     YES                    NO
 L0001285         0   0.13451E-03  370967.9 3809714.0   492.9     5.00     4.65
4.65     YES                    NO
 L0001286         0   0.13451E-03  370967.8 3809724.0   492.6     5.00     4.65
4.65     YES                    NO
 L0001287         0   0.13451E-03  370967.7 3809734.0   492.4     5.00     4.65
4.65     YES                    NO
 L0001288         0   0.13451E-03  370967.7 3809744.0   492.2     5.00     4.65
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4.65     YES                    NO
 L0001289         0   0.13451E-03  370967.6 3809754.0   491.9     5.00     4.65
4.65     YES                    NO
 L0001290         0   0.13451E-03  370967.5 3809764.0   491.7     5.00     4.65
4.65     YES                    NO
 L0001291         0   0.13451E-03  370967.5 3809774.0   491.5     5.00     4.65
4.65     YES                    NO
 L0001292         0   0.13451E-03  370967.4 3809784.0   491.2     5.00     4.65
4.65     YES                    NO
 L0001293         0   0.13451E-03  370967.4 3809794.0   491.0     5.00     4.65
4.65     YES                    NO
 L0001294         0   0.13451E-03  370967.3 3809804.0   490.8     5.00     4.65
4.65     YES                    NO
 L0001295         0   0.13451E-03  370967.2 3809814.0   490.5     5.00     4.65
4.65     YES                    NO
 L0001296         0   0.13451E-03  370967.2 3809824.0   490.3     5.00     4.65
4.65     YES                    NO
 L0001297         0   0.13451E-03  370967.1 3809834.0   490.1     5.00     4.65
4.65     YES                    NO
 L0001298         0   0.13451E-03  370967.0 3809844.0   489.8     5.00     4.65
4.65     YES                    NO
 L0001299         0   0.13451E-03  370960.6 3809846.2   489.8     5.00     4.65
4.65     YES                    NO
 L0001300         0   0.13451E-03  370950.8 3809844.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001301         0   0.13451E-03  370940.9 3809842.3   489.9     5.00     4.65
4.65     YES                    NO
 L0001302         0   0.13451E-03  370931.1 3809840.4   490.0     5.00     4.65
4.65     YES                    NO
 L0001303         0   0.13451E-03  370921.3 3809838.5   490.1     5.00     4.65
4.65     YES                    NO
 L0001304         0   0.13451E-03  370911.5 3809836.5   490.2     5.00     4.65
4.65     YES                    NO
 L0001305         0   0.13451E-03  370901.7 3809834.6   490.2     5.00     4.65
4.65     YES                    NO
 L0001306         0   0.13451E-03  370891.9 3809832.7   490.3     5.00     4.65
4.65     YES                    NO
 L0001307         0   0.13451E-03  370882.1 3809830.7   490.4     5.00     4.65
4.65     YES                    NO
 L0001308         0   0.13451E-03  370872.3 3809828.8   490.4     5.00     4.65
4.65     YES                    NO
 L0001309         0   0.13451E-03  370862.5 3809826.9   490.5     5.00     4.65
4.65     YES                    NO
 L0001310         0   0.13451E-03  370852.6 3809824.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001311         0   0.13451E-03  370842.8 3809823.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001312         0   0.13451E-03  370833.0 3809821.1   490.7     5.00     4.65
4.65     YES                    NO
 L0001313         0   0.13451E-03  370823.2 3809819.1   490.8     5.00     4.65
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4.65   YES   NO
 L0001314   0   0.13451E-03 370813.4 3809817.2   490.9   5.00   4.65
4.65   YES   NO
 L0001315   0   0.13451E-03 370803.6 3809815.3   491.0   5.00   4.65
4.65   YES   NO
 L0001316   0   0.13451E-03 370793.8 3809813.3   491.0   5.00   4.65
4.65   YES   NO
 L0001317   0   0.13451E-03 370784.0 3809811.4   491.1   5.00   4.65
4.65   YES   NO
 L0001318   0   0.13451E-03 370774.1 3809809.5   491.2   5.00   4.65
4.65   YES   NO
 L0001319   0   0.13451E-03 370764.3 3809807.5   491.2   5.00   4.65
4.65   YES   NO
 L0001320   0   0.13451E-03 370754.5 3809805.6   491.3   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001321   0   0.13451E-03 370744.7 3809803.7   491.4   5.00   4.65
4.65   YES   NO
 L0001322   0   0.13451E-03 370734.9 3809801.8   491.5   5.00   4.65
4.65   YES   NO
 L0001323   0   0.13451E-03 370726.3 3809797.4   491.6   5.00   4.65
4.65   YES   NO
 L0001324   0   0.13451E-03 370718.8 3809790.8   491.7   5.00   4.65
4.65   YES   NO
 L0001325   0   0.13451E-03 370711.2 3809784.2   491.9   5.00   4.65
4.65   YES   NO
 L0001326   0   0.13451E-03 370703.7 3809777.7   492.0   5.00   4.65
4.65   YES   NO
 L0001327   0   0.13451E-03 370696.1 3809771.1   492.1   5.00   4.65
4.65   YES   NO
 L0001328   0   0.13451E-03 370688.6 3809764.5   492.3   5.00   4.65

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4.65     YES                    NO
 L0001329         0   0.13451E-03  370681.1 3809757.9   492.4     5.00     4.65
4.65     YES                    NO
 L0001330         0   0.13451E-03  370673.5 3809751.4   492.6     5.00     4.65
4.65     YES                    NO
 L0001331         0   0.13451E-03  370666.0 3809744.8   492.7     5.00     4.65
4.65     YES                    NO
 L0001332         0   0.13451E-03  370662.3 3809738.4   492.9     5.00     4.65
4.65     YES                    NO
 L0001333         0   0.13451E-03  370670.4 3809732.5   493.1     5.00     4.65
4.65     YES                    NO
 L0001334         0   0.13451E-03  370678.5 3809726.6   493.4     5.00     4.65
4.65     YES                    NO
 L0001335         0   0.13451E-03  370686.6 3809720.7   493.6     5.00     4.65
4.65     YES                    NO
 L0001336         0   0.13451E-03  370694.6 3809714.8   493.8     5.00     4.65
4.65     YES                    NO
 L0001337         0   0.13451E-03  370702.7 3809708.9   494.1     5.00     4.65
4.65     YES                    NO
 L0001338         0   0.13451E-03  370710.8 3809703.0   494.3     5.00     4.65
4.65     YES                    NO
 L0001339         0   0.13451E-03  370718.9 3809697.1   494.5     5.00     4.65
4.65     YES                    NO
 L0001340         0   0.13451E-03  370727.0 3809691.2   494.8     5.00     4.65
4.65     YES                    NO
 L0001341         0   0.13451E-03  370735.0 3809685.3   495.0     5.00     4.65
4.65     YES                    NO
 L0001342         0   0.13451E-03  370743.1 3809679.4   495.3     5.00     4.65
4.65     YES                    NO
 L0001343         0   0.13451E-03  370751.2 3809673.6   495.5     5.00     4.65
4.65     YES                    NO
 L0001344         0   0.13451E-03  370759.3 3809667.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001345         0   0.13451E-03  370767.3 3809661.8   496.0     5.00     4.65
4.65     YES                    NO
 L0001346         0   0.13451E-03  370775.4 3809655.9   496.2     5.00     4.65
4.65     YES                    NO
 L0001347         0   0.13451E-03  370783.5 3809650.0   496.4     5.00     4.65
4.65     YES                    NO
 L0001348         0   0.13451E-03  370791.6 3809644.1   496.7     5.00     4.65
4.65     YES                    NO
 L0001349         0   0.13451E-03  370800.2 3809639.0   496.8     5.00     4.65
4.65     YES                    NO
 L0001350         0   0.13451E-03  370808.9 3809634.1   496.8     5.00     4.65
4.65     YES                    NO
 L0001351         0   0.13451E-03  370817.6 3809629.1   496.9     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.13451E-03  370826.3 3809624.2   496.9     5.00     4.65
4.65     YES                    NO
 L0001353         0   0.13451E-03  370835.0 3809619.3   497.0     5.00     4.65
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4.65     YES                    NO
 L0001354         0   0.13451E-03  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.13451E-03  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.13451E-03  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.13451E-03  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.13451E-03  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.13451E-03  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.13451E-03  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001361         0   0.13451E-03  370907.1 3809589.2   497.2     5.00     4.65
4.65     YES                    NO
 L0001362         0   0.13451E-03  370917.1 3809589.2   497.1     5.00     4.65
4.65     YES                    NO
 L0001363         0   0.13451E-03  370927.1 3809589.2   497.0     5.00     4.65
4.65     YES                    NO
 L0001364         0   0.13451E-03  370936.5 3809589.7   496.9     5.00     4.65
4.65     YES                    NO
 L0001365         0   0.13451E-03  370936.4 3809599.7   496.6     5.00     4.65
4.65     YES                    NO
 L0001366         0   0.13451E-03  370936.2 3809609.7   496.3     5.00     4.65
4.65     YES                    NO
 L0001367         0   0.13451E-03  370936.0 3809619.7   496.1     5.00     4.65
4.65     YES                    NO
 L0001368         0   0.13451E-03  370935.9 3809629.7   495.8     5.00     4.65
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4.65     YES                    NO
 L0001369         0   0.13451E-03  370935.7 3809639.7   495.5     5.00     4.65
4.65     YES                    NO
 L0001370         0   0.13451E-03  370935.6 3809649.7   495.2     5.00     4.65
4.65     YES                    NO
 L0001371         0   0.13451E-03  370935.4 3809659.7   494.9     5.00     4.65
4.65     YES                    NO
 L0001372         0   0.13451E-03  370935.2 3809669.7   494.6     5.00     4.65
4.65     YES                    NO
 L0001373         0   0.13451E-03  370935.1 3809679.7   494.4     5.00     4.65
4.65     YES                    NO
 L0001374         0   0.13451E-03  370934.9 3809689.7   494.1     5.00     4.65
4.65     YES                    NO
 L0001375         0   0.13451E-03  370934.8 3809699.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001376         0   0.13451E-03  370934.6 3809709.7   493.5     5.00     4.65
4.65     YES                    NO
 L0001377         0   0.13451E-03  370934.4 3809719.7   493.2     5.00     4.65
4.65     YES                    NO
 L0001378         0   0.13451E-03  370934.3 3809729.7   492.9     5.00     4.65
4.65     YES                    NO
 L0001379         0   0.13451E-03  370934.1 3809739.7   492.6     5.00     4.65
4.65     YES                    NO
 L0001380         0   0.13451E-03  370934.0 3809749.7   492.4     5.00     4.65
4.65     YES                    NO
 L0001381         0   0.13451E-03  370933.8 3809759.7   492.1     5.00     4.65
4.65     YES                    NO
 L0001382         0   0.13451E-03  370933.6 3809769.7   491.8     5.00     4.65
4.65     YES                    NO
 L0001383         0   0.13451E-03  370933.5 3809779.7   491.5     5.00     4.65
4.65     YES                    NO
 L0001384         0   0.13451E-03  370933.3 3809789.7   491.2     5.00     4.65
4.65     YES                    NO
 L0001385         0   0.13451E-03  370933.2 3809799.7   490.9     5.00     4.65
4.65     YES                    NO
 L0001386         0   0.13451E-03  370933.0 3809809.7   490.7     5.00     4.65
4.65     YES                    NO
 L0001387         0   0.13451E-03  370926.8 3809811.9   490.6     5.00     4.65
4.65     YES                    NO
 L0001388         0   0.13451E-03  370917.1 3809809.5   490.7     5.00     4.65
4.65     YES                    NO
 L0001389         0   0.13451E-03  370907.4 3809807.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001390         0   0.13451E-03  370897.7 3809804.8   490.9     5.00     4.65
4.65     YES                    NO
 L0001391         0   0.13451E-03  370888.0 3809802.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001392         0   0.13451E-03  370878.3 3809800.0   491.2     5.00     4.65
4.65     YES                    NO
 L0001393         0   0.13451E-03  370868.5 3809797.6   491.3     5.00     4.65
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4.65   YES   NO
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4.65   YES   NO
 L0001395   0   0.13451E-03 370849.1 3809792.8   491.5   5.00   4.65
4.65   YES   NO
 L0001396   0   0.13451E-03 370839.4 3809790.5   491.6   5.00   4.65
4.65   YES   NO
 L0001397   0   0.13451E-03 370829.7 3809788.1   491.7   5.00   4.65
4.65   YES   NO
 L0001398   0   0.13451E-03 370820.0 3809785.7   491.8   5.00   4.65
4.65   YES   NO
 L0001399   0   0.13451E-03 370810.3 3809783.3   491.9   5.00   4.65
4.65   YES   NO
 L0001400   0   0.13451E-03 370800.6 3809780.9   492.1   5.00   4.65
4.65   YES   NO

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - - -

 L0001401   0   0.13451E-03 370790.8 3809778.6   492.2   5.00   4.65
4.65   YES   NO
 L0001402   0   0.13451E-03 370781.1 3809776.2   492.3   5.00   4.65
4.65   YES   NO
 L0001403   0   0.13451E-03 370771.4 3809773.8   492.4   5.00   4.65
4.65   YES   NO
 L0001404   0   0.13451E-03 370761.7 3809771.4   492.5   5.00   4.65
4.65   YES   NO
 L0001405   0   0.13451E-03 370752.0 3809769.0   492.6   5.00   4.65
4.65   YES   NO
 L0001406   0   0.13451E-03 370744.9 3809762.4   492.8   5.00   4.65
4.65   YES   NO
 L0001407   0   0.13451E-03 370738.5 3809754.8   493.0   5.00   4.65
4.65   YES   NO
 L0001408   0   0.13451E-03 370732.1 3809747.1   493.2   5.00   4.65

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4.65     YES                    NO
 L0001409         0   0.13451E-03  370733.8 3809737.3   493.2     5.00     4.65
4.65     YES                    NO
 L0001410         0   0.13451E-03  370735.6 3809727.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001411         0   0.13451E-03  370743.9 3809721.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001412         0   0.13451E-03  370752.3 3809716.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001413         0   0.13451E-03  370760.7 3809710.9   493.6     5.00     4.65
4.65     YES                    NO
 L0001414         0   0.13451E-03  370769.0 3809705.5   493.8     5.00     4.65
4.65     YES                    NO
 L0001415         0   0.13451E-03  370777.4 3809700.0   493.9     5.00     4.65
4.65     YES                    NO
 L0001416         0   0.13451E-03  370785.7 3809694.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001417         0   0.13451E-03  370794.1 3809689.0   494.2     5.00     4.65
4.65     YES                    NO
 L0001418         0   0.13451E-03  370802.5 3809683.5   494.3     5.00     4.65
4.65     YES                    NO
 L0001419         0   0.13451E-03  370810.8 3809678.1   494.4     5.00     4.65
4.65     YES                    NO
 L0001420         0   0.13451E-03  370819.2 3809672.6   494.5     5.00     4.65
4.65     YES                    NO
 L0001421         0   0.13451E-03  370827.6 3809667.1   494.7     5.00     4.65
4.65     YES                    NO
 L0001422         0   0.13451E-03  370835.9 3809661.6   494.8     5.00     4.65
4.65     YES                    NO
 L0001423         0   0.13451E-03  370844.3 3809656.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001424         0   0.13451E-03  370852.7 3809650.7   495.1     5.00     4.65
4.65     YES                    NO
 L0001425         0   0.13451E-03  370861.0 3809645.2   495.2     5.00     4.65
4.65     YES                    NO
 L0001426         0   0.13451E-03  370869.4 3809639.7   495.3     5.00     4.65
4.65     YES                    NO
 L0001427         0   0.13451E-03  370877.8 3809634.2   495.5     5.00     4.65
4.65     YES                    NO
 L0001428         0   0.13451E-03  370886.1 3809628.8   495.6     5.00     4.65
4.65     YES                    NO
 L0001429         0   0.13451E-03  370895.6 3809625.6   496.2     5.00     4.65
4.65     YES                    NO
 L0001430         0   0.13451E-03  370902.4 3809626.1   496.5     5.00     4.65
4.65     YES                    NO
 L0001431         0   0.13451E-03  370902.4 3809636.1   496.2     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.13451E-03  370902.4 3809646.1   495.9     5.00     4.65
4.65     YES                    NO
 L0001433         0   0.13451E-03  370902.4 3809656.1   495.6     5.00     4.65
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4.65     YES                    NO
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4.65     YES                    NO
 L0001435         0   0.13451E-03  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.13451E-03  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.13451E-03  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.13451E-03  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.13451E-03  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.13451E-03  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                    NO
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                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

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4.65     YES                    NO
 L0001443         0   0.13451E-03  370902.4 3809756.1   492.4     5.00     4.65
4.65     YES                    NO
 L0001444         0   0.13451E-03  370902.4 3809766.1   492.1     5.00     4.65
4.65     YES                    NO
 L0001445         0   0.13451E-03  370902.4 3809776.1   491.8     5.00     4.65
4.65     YES                    NO
 L0001446         0   0.13451E-03  370895.9 3809777.9   491.7     5.00     4.65
4.65     YES                    NO
 L0001447         0   0.13451E-03  370886.1 3809775.7   491.8     5.00     4.65
4.65     YES                    NO
 L0001448         0   0.13451E-03  370876.3 3809773.6   491.9     5.00     4.65
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4.65     YES                    NO
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4.65     YES                    NO
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4.65     YES                    NO
 L0001451         0   0.13451E-03  370847.0 3809767.1   492.2     5.00     4.65
4.65     YES                    NO
 L0001452         0   0.13451E-03  370837.3 3809764.9   492.3     5.00     4.65
4.65     YES                    NO
 L0001453         0   0.13451E-03  370827.5 3809762.8   492.4     5.00     4.65
4.65     YES                    NO
 L0001454         0   0.13451E-03  370817.7 3809760.6   492.5     5.00     4.65
4.65     YES                    NO
 L0001455         0   0.13451E-03  370808.0 3809758.5   492.6     5.00     4.65
4.65     YES                    NO
 L0001456         0   0.13451E-03  370798.2 3809756.3   492.7     5.00     4.65
4.65     YES                    NO
 L0001457         0   0.13451E-03  370788.4 3809754.2   492.8     5.00     4.65
4.65     YES                    NO
 L0001458         0   0.13451E-03  370781.4 3809750.8   492.9     5.00     4.65
4.65     YES                    NO
 L0001459         0   0.13451E-03  370786.5 3809742.2   493.1     5.00     4.65
4.65     YES                    NO
 L0001460         0   0.13451E-03  370791.5 3809733.5   493.4     5.00     4.65
4.65     YES                    NO
 L0001461         0   0.13451E-03  370798.7 3809726.9   493.6     5.00     4.65
4.65     YES                    NO
 L0001462         0   0.13451E-03  370807.0 3809721.2   493.7     5.00     4.65
4.65     YES                    NO
 L0001463         0   0.13451E-03  370815.2 3809715.5   493.9     5.00     4.65
4.65     YES                    NO
 L0001464         0   0.13451E-03  370823.4 3809709.8   494.1     5.00     4.65
4.65     YES                    NO
 L0001465         0   0.13451E-03  370831.6 3809704.1   494.2     5.00     4.65
4.65     YES                    NO
 L0001466         0   0.13451E-03  370839.8 3809698.4   494.4     5.00     4.65
4.65     YES                    NO
 L0001467         0   0.13451E-03  370848.0 3809692.7   494.5     5.00     4.65
4.65     YES                    NO
 L0001468         0   0.13451E-03  370856.2 3809687.0   494.7     5.00     4.65
4.65     YES                    NO
 L0001469         0   0.13451E-03  370864.4 3809681.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001470         0   0.13451E-03  370872.6 3809675.5   495.0     5.00     4.65
4.65     YES                    NO
 L0001471         0   0.13451E-03  370875.5 3809679.9   494.9     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.13451E-03  370875.5 3809689.9   494.6     5.00     4.65
4.65     YES                    NO
 L0001473         0   0.13451E-03  370875.5 3809699.9   494.3     5.00     4.65
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4.65     YES                    NO
 L0001474         0   0.13451E-03  370875.5 3809709.9   494.0     5.00     4.65
4.65     YES                    NO
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4.65     YES                    NO
 L0001476         0   0.13451E-03  370875.5 3809729.9   493.4     5.00     4.65
4.65     YES                    NO
 L0001477         0   0.13451E-03  370875.5 3809739.9   493.2     5.00     4.65
4.65     YES                    NO
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4.65     YES                    NO
 L0001479         0   0.13451E-03  370859.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
 L0001480         0   0.13451E-03  370849.1 3809743.4   493.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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             L0000673    , L0000674    , L0000675    , L0000676    , L0000677    ,
L0000678    , L0000679    , L0000680    ,

             L0000681    , L0000682    , L0000683    , L0000684    , L0000685    ,
L0000686    , L0000687    , L0000688    ,

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L0000726 , L0000727 , L0000728 ,

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L0000793 , L0000794 , L0000795 , L0000796 , L0000797 ,
L0000798 , L0000799 , L0000800 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0000814    , L0000815    , L0000816    ,

            L0000817    , L0000818    , L0000819    , L0000820    , L0000821    ,
L0000822    , L0000823    , L0000824    ,

            L0000825    , L0000826    , L0000827    , L0000828    , L0000829    ,
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L0000838    , L0000839    , L0000840    ,

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L0000846    , L0000847    , L0000848    ,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0000982 , L0000983 , L0000984 ,

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L0000990 , L0000991 , L0000992 ,

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L0000998 , L0000999 , L0001000 ,

L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,
L0001006 , L0001007 , L0001008 ,

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L0001014 , L0001015 , L0001016 ,

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L0001025 , L0001026 , L0001027 , L0001028 , L0001029 ,
L0001030 , L0001031 , L0001032 ,

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L0001070    , L0001071    , L0001072    ,

             L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
L0001078    , L0001079    , L0001080    ,

             L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
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L0001102    , L0001103    , L0001104    ,

             L0001105    , L0001106    , L0001107    , L0001108    , L0001109    ,
L0001110    , L0001111    , L0001112    ,

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L0001118    , L0001119    , L0001120    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0001166    , L0001167    , L0001168    ,

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L0001238    , L0001239    , L0001240    ,

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L0001278   , L0001279   , L0001280   ,

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0001302   , L0001303   , L0001304   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0001470   , L0001471   , L0001472   ,

             L0001473   , L0001474   , L0001475   , L0001476   , L0001477   ,
L0001478   , L0001479   , L0001480   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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L0000022   , L0000023   , L0000024   ,

             L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
L0000030   , L0000031   , L0000032   ,

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L0000038   , L0000039   , L0000040   ,

             L0000041   , L0000042   , L0000043   , L0000044   , L0000045   ,
L0000046   , L0000047   , L0000048   ,

             L0000049   , L0000050   , L0000051   , L0000052   , L0000053   ,
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L0000062   , L0000063   , L0000064   ,

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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------
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             L0000161    , L0000162    , L0000163    , L0000164    , L0000165    ,
L0000166    , L0000167    , L0000168    ,

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L0000174    , L0000175    , L0000176    ,

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L0000230    , L0000231    , L0000232    ,

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L0000278    , L0000279    , L0000280    ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000326 , L0000327 , L0000328 ,

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L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
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L0000398    , L0000399    , L0000400    ,

             L0000401    , L0000402    , L0000403    , L0000404    , L0000405    ,
L0000406    , L0000407    , L0000408    ,

             L0000409    , L0000410    , L0000411    , L0000412    , L0000413    ,
L0000414    , L0000415    , L0000416    ,

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L0000478    , L0000479    , L0000480    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

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↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 370405.1, 3808709.1,       0.0,       0.0,       0.0);         ( 370319.7,
3808617.4,       0.0,       0.0,       0.0);
     ( 370329.9, 3808579.4,       0.0,       0.0,       0.0);         ( 370340.1,
3808541.5,       0.0,       0.0,       0.0);
     ( 370311.8, 3808655.8,       0.0,       0.0,       0.0);         ( 370306.2,
3808694.7,       0.0,       0.0,       0.0);
     ( 370220.2, 3808604.9,       0.0,       0.0,       0.0);         ( 370229.4,
3808570.8,       0.0,       0.0,       0.0);
     ( 370238.6, 3808536.6,       0.0,       0.0,       0.0);         ( 370247.7,
3808502.5,       0.0,       0.0,       0.0);
     ( 370212.8, 3808641.5,       0.0,       0.0,       0.0);         ( 370207.2,
3808680.4,       0.0,       0.0,       0.0);
     ( 370771.8, 3808772.6,       0.0,       0.0,       0.0);         ( 370748.5,
3808763.5,       0.0,       0.0,       0.0);
     ( 370719.3, 3808769.7,       0.0,       0.0,       0.0);         ( 370768.9,
3808811.6,       0.0,       0.0,       0.0);
     ( 370793.5, 3808845.4,       0.0,       0.0,       0.0);         ( 370744.1,
3808814.8,       0.0,       0.0,       0.0);
     ( 370741.1, 3808791.0,       0.0,       0.0,       0.0);         ( 370761.0,
3808843.2,       0.0,       0.0,       0.0);
     ( 370721.6, 3808823.7,       0.0,       0.0,       0.0);         ( 370740.7,
3808857.8,       0.0,       0.0,       0.0);
     ( 370702.1, 3808840.3,       0.0,       0.0,       0.0);         ( 370692.0,
3808793.3,       0.0,       0.0,       0.0);
```

```
     ( 370720.5, 3808872.5,       0.0,       0.0,       0.0);         ( 370620.0,
3808895.9,       0.0,       0.0,       0.0);
     ( 370605.4, 3808859.2,       0.0,       0.0,       0.0);         ( 370593.2,
3808802.8,       0.0,       0.0,       0.0);
     ( 370598.0, 3808763.6,       0.0,       0.0,       0.0);         ( 370639.5,
3808931.2,       0.0,       0.0,       0.0);
     ( 370539.5, 3808955.8,       0.0,       0.0,       0.0);         ( 370525.8,
3808921.3,       0.0,       0.0,       0.0);
     ( 370512.1, 3808886.9,       0.0,       0.0,       0.0);         ( 370498.5,
3808852.5,       0.0,       0.0,       0.0);
     ( 370493.9, 3808816.9,       0.0,       0.0,       0.0);         ( 370498.3,
3808780.1,       0.0,       0.0,       0.0);
     ( 370558.6, 3808989.9,       0.0,       0.0,       0.0);         ( 370458.0,
3809013.3,       0.0,       0.0,       0.0);
     ( 370443.5, 3808976.6,       0.0,       0.0,       0.0);         ( 370428.9,
3808939.9,       0.0,       0.0,       0.0);
     ( 370414.3, 3808903.1,       0.0,       0.0,       0.0);         ( 370399.7,
3808866.4,       0.0,       0.0,       0.0);
     ( 370394.8, 3808828.4,       0.0,       0.0,       0.0);         ( 370399.6,
3808789.2,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       22:32:04

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 370404.4, 3808749.9,       0.0,       0.0,       0.0);         ( 370477.6,
3809048.6,       0.0,       0.0,       0.0);
     ( 370376.8, 3809071.3,       0.0,       0.0,       0.0);         ( 370361.6,
3809033.0,       0.0,       0.0,       0.0);
     ( 370346.4, 3808994.8,       0.0,       0.0,       0.0);         ( 370331.2,
3808956.5,       0.0,       0.0,       0.0);
     ( 370316.0, 3808918.2,       0.0,       0.0,       0.0);         ( 370300.9,
3808879.9,       0.0,       0.0,       0.0);
     ( 370295.8, 3808840.4,       0.0,       0.0,       0.0);         ( 370300.7,
3808799.5,       0.0,       0.0,       0.0);
     ( 370305.7, 3808758.6,       0.0,       0.0,       0.0);         ( 370310.7,
3808717.8,       0.0,       0.0,       0.0);
     ( 370396.7, 3809107.3,       0.0,       0.0,       0.0);         ( 370296.1,
3809130.8,       0.0,       0.0,       0.0);
     ( 370281.6, 3809094.0,       0.0,       0.0,       0.0);         ( 370267.0,
3809057.3,       0.0,       0.0,       0.0);
     ( 370252.4, 3809020.5,       0.0,       0.0,       0.0);         ( 370237.8,
3808983.8,       0.0,       0.0,       0.0);
```

```
     ( 370223.2, 3808947.1,       0.0,       0.0,       0.0);         ( 370208.7,
3808910.3,       0.0,       0.0,       0.0);
     ( 370196.5, 3808854.0,       0.0,       0.0,       0.0);         ( 370201.3,
3808814.8,       0.0,       0.0,       0.0);
     ( 370206.0, 3808775.5,       0.0,       0.0,       0.0);         ( 370210.8,
3808736.3,       0.0,       0.0,       0.0);
     ( 370315.7, 3809166.0,       0.0,       0.0,       0.0);         ( 370621.8,
3808774.3,       0.0,       0.0,       0.0);
     ( 370525.9, 3808746.1,       0.0,       0.0,       0.0);         ( 370429.9,
3808717.9,       0.0,       0.0,       0.0);
     ( 370334.0, 3808689.7,       0.0,       0.0,       0.0);         ( 370238.1,
3808661.5,       0.0,       0.0,       0.0);
     ( 370782.0, 3808878.9,       0.0,       0.0,       0.0);         ( 370757.1,
3808877.1,       0.0,       0.0,       0.0);
     ( 370612.5, 3808816.8,       0.0,       0.0,       0.0);         ( 370316.2,
3808779.4,       0.0,       0.0,       0.0);
     ( 370228.1, 3808707.5,       0.0,       0.0,       0.0);         ( 370773.1,
3808925.1,       0.0,       0.0,       0.0);
     ( 370748.5, 3808920.4,       0.0,       0.0,       0.0);         ( 370723.9,
3808915.8,       0.0,       0.0,       0.0);
     ( 370699.4, 3808911.1,       0.0,       0.0,       0.0);         ( 370772.5,
3808952.9,       0.0,       0.0,       0.0);
     ( 370772.3, 3808976.2,       0.0,       0.0,       0.0);         ( 370772.1,
3808999.6,       0.0,       0.0,       0.0);
     ( 370771.9, 3809023.0,       0.0,       0.0,       0.0);         ( 370771.8,
3809046.3,       0.0,       0.0,       0.0);
     ( 370771.6, 3809069.7,       0.0,       0.0,       0.0);         ( 370771.4,
3809093.0,       0.0,       0.0,       0.0);
     ( 370771.3, 3809116.4,       0.0,       0.0,       0.0);         ( 370771.1,
3809139.7,       0.0,       0.0,       0.0);
     ( 370770.9, 3809163.1,       0.0,       0.0,       0.0);         ( 370747.5,
3808952.7,       0.0,       0.0,       0.0);
     ( 370747.3, 3808976.1,       0.0,       0.0,       0.0);         ( 370747.1,
3808999.4,       0.0,       0.0,       0.0);
     ( 370747.0, 3809022.8,       0.0,       0.0,       0.0);         ( 370746.8,
3809046.1,       0.0,       0.0,       0.0);
     ( 370746.6, 3809069.5,       0.0,       0.0,       0.0);         ( 370746.4,
3809092.8,       0.0,       0.0,       0.0);
     ( 370746.3, 3809116.2,       0.0,       0.0,       0.0);         ( 370746.1,
3809139.5,       0.0,       0.0,       0.0);
     ( 370745.9, 3809162.9,       0.0,       0.0,       0.0);         ( 370722.5,
3808952.5,       0.0,       0.0,       0.0);
     ( 370722.3, 3808975.9,       0.0,       0.0,       0.0);         ( 370722.1,
3808999.2,       0.0,       0.0,       0.0);
     ( 370722.0, 3809022.6,       0.0,       0.0,       0.0);         ( 370721.8,
3809045.9,       0.0,       0.0,       0.0);
     ( 370721.6, 3809069.3,       0.0,       0.0,       0.0);         ( 370721.4,
3809092.6,       0.0,       0.0,       0.0);
     ( 370721.3, 3809116.0,       0.0,       0.0,       0.0);         ( 370721.1,
3809139.4,       0.0,       0.0,       0.0);
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(370499.4, 3808909.6, 0.0, 0.0, 0.0); (370497.5,
3808950.9, 0.0, 0.0, 0.0);
(370497.3, 3808974.3, 0.0, 0.0, 0.0); (370497.1,
3808997.6, 0.0, 0.0, 0.0);
(370497.0, 3809021.0, 0.0, 0.0, 0.0); (370496.6,
3809067.7, 0.0, 0.0, 0.0);
(370496.4, 3809091.0, 0.0, 0.0, 0.0); (370496.3,
3809114.4, 0.0, 0.0, 0.0);
(370496.1, 3809137.7, 0.0, 0.0, 0.0); (370495.9,
3809161.1, 0.0, 0.0, 0.0);
(370397.6, 3808926.8, 0.0, 0.0, 0.0); (370397.5,
3808950.2, 0.0, 0.0, 0.0);
(370397.3, 3808973.5, 0.0, 0.0, 0.0); (370397.1,
3808996.9, 0.0, 0.0, 0.0);
(370397.0, 3809020.2, 0.0, 0.0, 0.0); (370396.8,
3809043.6, 0.0, 0.0, 0.0);

```
    ( 370396.1, 3809137.0,       0.0,       0.0,       0.0);        ( 370395.9,
3809160.4,       0.0,       0.0,       0.0);
    ( 370297.5, 3808949.5,       0.0,       0.0,       0.0);        ( 370297.3,
3808972.8,       0.0,       0.0,       0.0);
    ( 370297.1, 3808996.2,       0.0,       0.0,       0.0);        ( 370297.0,
3809019.5,       0.0,       0.0,       0.0);
    ( 370296.8, 3809042.9,       0.0,       0.0,       0.0);        ( 370296.6,
3809066.2,       0.0,       0.0,       0.0);
    ( 370201.8, 3808882.4,       0.0,       0.0,       0.0);        ( 370197.5,
3808948.7,       0.0,       0.0,       0.0);
    ( 370197.3, 3808972.1,       0.0,       0.0,       0.0);        ( 370197.1,
3808995.4,       0.0,       0.0,       0.0);
    ( 370197.0, 3809018.8,       0.0,       0.0,       0.0);        ( 370196.8,
3809042.1,       0.0,       0.0,       0.0);
    ( 370196.6, 3809065.5,       0.0,       0.0,       0.0);        ( 370196.5,
3809088.8,       0.0,       0.0,       0.0);
    ( 370196.3, 3809112.2,       0.0,       0.0,       0.0);        ( 370196.1,
3809135.6,       0.0,       0.0,       0.0);
    ( 370196.0, 3809158.9,       0.0,       0.0,       0.0);        ( 370770.9,
3809206.2,       0.0,       0.0,       0.0);
    ( 370770.9, 3809249.2,       0.0,       0.0,       0.0);        ( 370745.9,
3809206.2,       0.0,       0.0,       0.0);
    ( 370745.9, 3809249.2,       0.0,       0.0,       0.0);        ( 370720.9,
3809206.2,       0.0,       0.0,       0.0);
    ( 370720.9, 3809249.2,       0.0,       0.0,       0.0);        ( 370695.9,
3809206.2,       0.0,       0.0,       0.0);
    ( 370695.9, 3809249.2,       0.0,       0.0,       0.0);        ( 370595.9,
3809184.7,       0.0,       0.0,       0.0);
    ( 370595.9, 3809227.7,       0.0,       0.0,       0.0);        ( 370595.9,
3809270.7,       0.0,       0.0,       0.0);
    ( 370495.9, 3809184.7,       0.0,       0.0,       0.0);        ( 370495.9,
3809227.7,       0.0,       0.0,       0.0);
    ( 370495.9, 3809270.7,       0.0,       0.0,       0.0);        ( 370395.9,
3809184.7,       0.0,       0.0,       0.0);
    ( 370395.9, 3809227.7,       0.0,       0.0,       0.0);        ( 370395.9,
3809270.7,       0.0,       0.0,       0.0);
    ( 370295.9, 3809184.7,       0.0,       0.0,       0.0);        ( 370295.9,
3809227.7,       0.0,       0.0,       0.0);
    ( 370295.9, 3809270.7,       0.0,       0.0,       0.0);        ( 370195.9,
3809184.7,       0.0,       0.0,       0.0);
    ( 370195.9, 3809227.7,       0.0,       0.0,       0.0);        ( 370195.9,
3809270.7,       0.0,       0.0,       0.0);
    ( 370795.6, 3809245.7,       0.0,       0.0,       0.0);        ( 370795.2,
3809220.7,       0.0,       0.0,       0.0);
    ( 370794.8, 3809195.7,       0.0,       0.0,       0.0);        ( 370794.5,
3809170.7,       0.0,       0.0,       0.0);
    ( 370712.0, 3809285.8,       0.0,       0.0,       0.0);        ( 370687.2,
3809282.2,       0.0,       0.0,       0.0);
    ( 370673.2, 3809245.7,       0.0,       0.0,       0.0);        ( 370662.5,
3809278.7,       0.0,       0.0,       0.0);
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     ( 370648.5, 3809242.2,       0.0,       0.0,       0.0);         ( 370664.9,
3809211.7,       0.0,       0.0,       0.0);
     ( 370705.5, 3809184.0,       0.0,       0.0,       0.0);         ( 370637.7,
3809275.2,       0.0,       0.0,       0.0);
     ( 370549.5, 3809228.0,       0.0,       0.0,       0.0);         ( 370565.9,
3809197.6,       0.0,       0.0,       0.0);
     ( 370623.2, 3809115.2,       0.0,       0.0,       0.0);         ( 370655.5,
3809102.7,       0.0,       0.0,       0.0);
     ( 370538.7, 3809261.0,       0.0,       0.0,       0.0);         ( 370450.5,
3809213.9,       0.0,       0.0,       0.0);
     ( 370467.0, 3809183.4,       0.0,       0.0,       0.0);         ( 370524.6,
3809076.8,       0.0,       0.0,       0.0);
     ( 370557.2, 3809040.1,       0.0,       0.0,       0.0);         ( 370621.8,
3809015.2,       0.0,       0.0,       0.0);
     ( 370654.0, 3809002.7,       0.0,       0.0,       0.0);         ( 370439.7,
3809246.9,       0.0,       0.0,       0.0);
     ( 370351.5, 3809199.7,       0.0,       0.0,       0.0);         ( 370368.0,
3809169.3,       0.0,       0.0,       0.0);
     ( 370417.3, 3809077.9,       0.0,       0.0,       0.0);         ( 370433.8,
3809047.4,       0.0,       0.0,       0.0);
     ( 370466.7, 3808986.5,       0.0,       0.0,       0.0);         ( 370571.8,
3808933.9,       0.0,       0.0,       0.0);
     ( 370652.6, 3808902.8,       0.0,       0.0,       0.0);         ( 370684.9,
3808890.3,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 370340.7, 3809232.7,       0.0,       0.0,       0.0);         ( 370252.5,
3809185.6,       0.0,       0.0,       0.0);
     ( 370269.0, 3809155.1,       0.0,       0.0,       0.0);         ( 370326.6,
3809048.5,       0.0,       0.0,       0.0);
     ( 370343.0, 3809018.1,       0.0,       0.0,       0.0);         ( 370367.7,
3808972.4,       0.0,       0.0,       0.0);
     ( 370441.2, 3808883.8,       0.0,       0.0,       0.0);         ( 370473.5,
3808871.3,       0.0,       0.0,       0.0);
     ( 370521.9, 3808852.6,       0.0,       0.0,       0.0);         ( 370554.2,
3808840.2,       0.0,       0.0,       0.0);
     ( 370586.5, 3808827.7,       0.0,       0.0,       0.0);         ( 370634.9,
3808809.0,       0.0,       0.0,       0.0);
     ( 370667.2, 3808796.5,       0.0,       0.0,       0.0);         ( 370241.7,
3809218.6,       0.0,       0.0,       0.0);
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    ( 370153.5, 3809171.4,       0.0,       0.0,       0.0);         ( 370170.0,
3809141.0,       0.0,       0.0,       0.0);
    ( 370219.3, 3809049.6,       0.0,       0.0,       0.0);         ( 370260.5,
3808973.5,       0.0,       0.0,       0.0);
    ( 370285.2, 3808927.8,       0.0,       0.0,       0.0);         ( 370326.3,
3808851.6,       0.0,       0.0,       0.0);
    ( 370358.9, 3808814.9,       0.0,       0.0,       0.0);         ( 370423.5,
3808790.0,       0.0,       0.0,       0.0);
    ( 370455.8, 3808777.6,       0.0,       0.0,       0.0);         ( 370552.7,
3808740.2,       0.0,       0.0,       0.0);
    ( 370633.5, 3808709.0,       0.0,       0.0,       0.0);         ( 370665.8,
3808696.5,       0.0,       0.0,       0.0);
    ( 370142.7, 3809204.4,       0.0,       0.0,       0.0);         ( 370715.8,
3809324.1,       0.0,       0.0,       0.0);
    ( 370732.3, 3809341.9,       0.0,       0.0,       0.0);         ( 370748.8,
3809359.6,       0.0,       0.0,       0.0);
    ( 370691.1, 3809320.6,       0.0,       0.0,       0.0);         ( 370714.0,
3809358.9,       0.0,       0.0,       0.0);
    ( 370730.5, 3809376.6,       0.0,       0.0,       0.0);         ( 370672.8,
3809337.6,       0.0,       0.0,       0.0);
    ( 370695.7, 3809375.9,       0.0,       0.0,       0.0);         ( 370712.2,
3809393.7,       0.0,       0.0,       0.0);
    ( 370654.5, 3809354.6,       0.0,       0.0,       0.0);         ( 370641.6,
3809313.5,       0.0,       0.0,       0.0);
    ( 370677.4, 3809392.9,       0.0,       0.0,       0.0);         ( 370693.9,
3809410.7,       0.0,       0.0,       0.0);
    ( 370581.2, 3809422.6,       0.0,       0.0,       0.0);         ( 370568.3,
3809381.5,       0.0,       0.0,       0.0);
    ( 370555.5, 3809340.4,       0.0,       0.0,       0.0);         ( 370542.6,
3809299.3,       0.0,       0.0,       0.0);
    ( 370604.1, 3809460.9,       0.0,       0.0,       0.0);         ( 370507.3,
3809488.8,       0.0,       0.0,       0.0);
    ( 370500.3, 3809466.4,       0.0,       0.0,       0.0);         ( 370493.3,
3809444.0,       0.0,       0.0,       0.0);
    ( 370486.3, 3809421.5,       0.0,       0.0,       0.0);         ( 370479.2,
3809399.1,       0.0,       0.0,       0.0);
    ( 370472.2, 3809376.7,       0.0,       0.0,       0.0);         ( 370465.2,
3809354.3,       0.0,       0.0,       0.0);
    ( 370458.2, 3809331.9,       0.0,       0.0,       0.0);         ( 370451.2,
3809309.5,       0.0,       0.0,       0.0);
    ( 370444.2, 3809287.1,       0.0,       0.0,       0.0);         ( 370514.3,
3809511.2,       0.0,       0.0,       0.0);
    ( 370530.8, 3809529.0,       0.0,       0.0,       0.0);         ( 370434.2,
3809557.3,       0.0,       0.0,       0.0);
    ( 370427.3, 3809535.4,       0.0,       0.0,       0.0);         ( 370420.5,
3809513.5,       0.0,       0.0,       0.0);
    ( 370413.6, 3809491.6,       0.0,       0.0,       0.0);         ( 370406.8,
3809469.7,       0.0,       0.0,       0.0);
    ( 370399.9, 3809447.8,       0.0,       0.0,       0.0);         ( 370393.0,
3809425.8,       0.0,       0.0,       0.0);
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     ( 370386.2, 3809403.9,       0.0,       0.0,       0.0);         ( 370379.3,
3809382.0,       0.0,       0.0,       0.0);
     ( 370372.5, 3809360.1,       0.0,       0.0,       0.0);         ( 370365.6,
3809338.2,       0.0,       0.0,       0.0);
     ( 370358.8, 3809316.2,       0.0,       0.0,       0.0);         ( 370351.9,
3809294.3,       0.0,       0.0,       0.0);
     ( 370345.0, 3809272.4,       0.0,       0.0,       0.0);         ( 370441.0,
3809579.3,       0.0,       0.0,       0.0);
     ( 370360.6, 3809624.5,       0.0,       0.0,       0.0);         ( 370353.5,
3809601.6,       0.0,       0.0,       0.0);
     ( 370346.3, 3809578.8,       0.0,       0.0,       0.0);         ( 370339.2,
3809556.0,       0.0,       0.0,       0.0);
     ( 370332.0, 3809533.1,       0.0,       0.0,       0.0);         ( 370324.9,
3809510.3,       0.0,       0.0,       0.0);
     ( 370317.8, 3809487.5,       0.0,       0.0,       0.0);         ( 370310.6,
3809464.7,       0.0,       0.0,       0.0);
     ( 370303.5, 3809441.8,       0.0,       0.0,       0.0);         ( 370296.3,
3809419.0,       0.0,       0.0,       0.0);
     ( 370289.2, 3809396.2,       0.0,       0.0,       0.0);         ( 370282.0,
3809373.3,       0.0,       0.0,       0.0);
     ( 370274.9, 3809350.5,       0.0,       0.0,       0.0);         ( 370267.8,
3809327.7,       0.0,       0.0,       0.0);
     ( 370260.6, 3809304.8,       0.0,       0.0,       0.0);         ( 370253.5,
3809282.0,       0.0,       0.0,       0.0);
     ( 370246.3, 3809259.2,       0.0,       0.0,       0.0);         ( 370367.8,
3809647.3,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 370384.3, 3809665.1,       0.0,       0.0,       0.0);         ( 370400.8,
3809682.8,       0.0,       0.0,       0.0);
     ( 370287.5, 3809692.9,       0.0,       0.0,       0.0);         ( 370280.5,
3809670.5,       0.0,       0.0,       0.0);
     ( 370273.4, 3809648.1,       0.0,       0.0,       0.0);         ( 370266.4,
3809625.7,       0.0,       0.0,       0.0);
     ( 370259.4, 3809603.3,       0.0,       0.0,       0.0);         ( 370252.4,
3809580.8,       0.0,       0.0,       0.0);
     ( 370245.4, 3809558.4,       0.0,       0.0,       0.0);         ( 370238.4,
3809536.0,       0.0,       0.0,       0.0);
     ( 370231.4, 3809513.6,       0.0,       0.0,       0.0);         ( 370224.3,
3809491.2,       0.0,       0.0,       0.0);
```

```
    ( 370217.3, 3809468.8,       0.0,       0.0,       0.0);         ( 370210.3,
3809446.3,       0.0,       0.0,       0.0);
    ( 370203.3, 3809423.9,       0.0,       0.0,       0.0);         ( 370196.3,
3809401.5,       0.0,       0.0,       0.0);
    ( 370189.3, 3809379.1,       0.0,       0.0,       0.0);         ( 370182.3,
3809356.7,       0.0,       0.0,       0.0);
    ( 370175.3, 3809334.3,       0.0,       0.0,       0.0);         ( 370168.2,
3809311.9,       0.0,       0.0,       0.0);
    ( 370161.2, 3809289.4,       0.0,       0.0,       0.0);         ( 370154.2,
3809267.0,       0.0,       0.0,       0.0);
    ( 370147.2, 3809244.6,       0.0,       0.0,       0.0);         ( 370294.5,
3809715.3,       0.0,       0.0,       0.0);
    ( 370311.0, 3809733.1,       0.0,       0.0,       0.0);         ( 370327.5,
3809750.9,       0.0,       0.0,       0.0);
    ( 370741.3, 3809400.6,       0.0,       0.0,       0.0);         ( 370266.4,
3809393.8,       0.0,       0.0,       0.0);
    ( 370166.7, 3809372.9,       0.0,       0.0,       0.0);         ( 370572.0,
3809171.5,       0.0,       0.0,       0.0);
    ( 370538.1, 3809196.3,       0.0,       0.0,       0.0);         ( 370436.8,
3809022.6,       0.0,       0.0,       0.0);
    ( 370864.1, 3809066.9,       0.0,       0.0,       0.0);         ( 370901.3,
3808974.0,       0.0,       0.0,       0.0);
    ( 370938.4, 3808881.2,       0.0,       0.0,       0.0);         ( 370666.4,
3809421.4,       0.0,       0.0,       0.0);
    ( 370646.9, 3809432.9,       0.0,       0.0,       0.0);         ( 370627.3,
3809444.4,       0.0,       0.0,       0.0);
    ( 370568.7, 3809479.0,       0.0,       0.0,       0.0);         ( 370549.1,
3809490.5,       0.0,       0.0,       0.0);
    ( 370490.5, 3809525.0,       0.0,       0.0,       0.0);         ( 370653.7,
3809399.9,       0.0,       0.0,       0.0);
    ( 370634.2, 3809411.4,       0.0,       0.0,       0.0);         ( 370614.6,
3809422.9,       0.0,       0.0,       0.0);
    ( 370575.5, 3809445.9,       0.0,       0.0,       0.0);         ( 370556.0,
3809457.4,       0.0,       0.0,       0.0);
    ( 370536.5, 3809468.9,       0.0,       0.0,       0.0);         ( 370477.8,
3809503.4,       0.0,       0.0,       0.0);
    ( 370676.8, 3809361.8,       0.0,       0.0,       0.0);         ( 370641.0,
3809378.3,       0.0,       0.0,       0.0);
    ( 370621.5, 3809389.8,       0.0,       0.0,       0.0);         ( 370601.9,
3809401.4,       0.0,       0.0,       0.0);
    ( 370543.3, 3809435.9,       0.0,       0.0,       0.0);         ( 370523.8,
3809447.4,       0.0,       0.0,       0.0);
    ( 370465.1, 3809481.9,       0.0,       0.0,       0.0);         ( 370628.3,
3809356.8,       0.0,       0.0,       0.0);
    ( 370608.8, 3809368.3,       0.0,       0.0,       0.0);         ( 370550.2,
3809402.8,       0.0,       0.0,       0.0);
    ( 370530.6, 3809414.3,       0.0,       0.0,       0.0);         ( 370511.1,
3809425.8,       0.0,       0.0,       0.0);
    ( 370452.5, 3809460.4,       0.0,       0.0,       0.0);         ( 370618.7,
3809252.3,       0.0,       0.0,       0.0);
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     ( 370558.1, 3809282.1,       0.0,       0.0,       0.0);         ( 370519.0,
3809305.1,       0.0,       0.0,       0.0);
     ( 370499.4, 3809316.7,       0.0,       0.0,       0.0);         ( 370440.8,
3809351.2,       0.0,       0.0,       0.0);
     ( 370421.3, 3809362.7,       0.0,       0.0,       0.0);         ( 370401.7,
3809374.2,       0.0,       0.0,       0.0);
     ( 370632.8, 3809145.9,       0.0,       0.0,       0.0);         ( 370654.3,
3809139.1,       0.0,       0.0,       0.0);
     ( 370546.4, 3809172.9,       0.0,       0.0,       0.0);         ( 370370.5,
3809276.5,       0.0,       0.0,       0.0);
     ( 370560.4, 3809066.5,       0.0,       0.0,       0.0);         ( 370625.2,
3809046.2,       0.0,       0.0,       0.0);
     ( 370646.8, 3809039.4,       0.0,       0.0,       0.0);         ( 370456.6,
3809109.8,       0.0,       0.0,       0.0);
     ( 370437.1, 3809121.3,       0.0,       0.0,       0.0);         ( 370339.3,
3809178.8,       0.0,       0.0,       0.0);
     ( 370319.8, 3809190.3,       0.0,       0.0,       0.0);         ( 370574.5,
3808960.0,       0.0,       0.0,       0.0);
     ( 370794.9, 3808953.5,       0.0,       0.0,       0.0);         ( 370862.0,
3808963.8,       0.0,       0.0,       0.0);
     ( 370347.2, 3809058.1,       0.0,       0.0,       0.0);         ( 370249.5,
3809115.7,       0.0,       0.0,       0.0);
     ( 370545.3, 3808867.0,       0.0,       0.0,       0.0);         ( 370566.9,
3808860.3,       0.0,       0.0,       0.0);
     ( 370631.6, 3808840.0,       0.0,       0.0,       0.0);         ( 370675.6,
3808836.6,       0.0,       0.0,       0.0);
     ( 370899.2, 3808871.0,       0.0,       0.0,       0.0);         ( 370374.7,
3808925.9,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 370355.1, 3808937.4,       0.0,       0.0,       0.0);         ( 370471.1,
3809541.1,       0.0,       0.0,       0.0);
     ( 370454.9, 3809522.0,       0.0,       0.0,       0.0);         ( 370407.3,
3809562.6,       0.0,       0.0,       0.0);
     ( 370391.0, 3809543.6,       0.0,       0.0,       0.0);         ( 370390.7,
3809511.1,       0.0,       0.0,       0.0);
     ( 370357.5, 3809407.9,       0.0,       0.0,       0.0);         ( 370325.8,
3809435.0,       0.0,       0.0,       0.0);
     ( 370322.6, 3809308.2,       0.0,       0.0,       0.0);         ( 370292.6,
3809331.9,       0.0,       0.0,       0.0);
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    ( 370245.0, 3809372.5,       0.0,       0.0,       0.0);        ( 370271.9,
3809222.0,       0.0,       0.0,       0.0);
    ( 370221.2, 3809135.9,       0.0,       0.0,       0.0);        ( 370115.2,
3809220.3,       0.0,       0.0,       0.0);
    ( 370127.9, 3809080.0,       0.0,       0.0,       0.0);        ( 370156.2,
3809059.8,       0.0,       0.0,       0.0);
    ( 370097.8, 3809103.7,       0.0,       0.0,       0.0);        ( 370066.1,
3809130.7,       0.0,       0.0,       0.0);
    ( 370417.8, 3809588.6,       0.0,       0.0,       0.0);        ( 370404.3,
3809613.1,       0.0,       0.0,       0.0);
    ( 370389.2, 3809588.8,       0.0,       0.0,       0.0);        ( 370374.0,
3809564.5,       0.0,       0.0,       0.0);
    ( 370359.7, 3809543.1,       0.0,       0.0,       0.0);        ( 370272.2,
3809494.8,       0.0,       0.0,       0.0);
    ( 370287.2, 3809476.3,       0.0,       0.0,       0.0);        ( 370257.8,
3809516.3,       0.0,       0.0,       0.0);
    ( 370185.5, 3809445.3,       0.0,       0.0,       0.0);        ( 370219.5,
3809403.7,       0.0,       0.0,       0.0);
    ( 370170.3, 3809468.0,       0.0,       0.0,       0.0);        ( 370097.7,
3809397.4,       0.0,       0.0,       0.0);
    ( 370114.2, 3809377.2,       0.0,       0.0,       0.0);        ( 370130.7,
3809357.0,       0.0,       0.0,       0.0);
    ( 370147.1, 3809336.8,       0.0,       0.0,       0.0);        ( 370082.7,
3809419.7,       0.0,       0.0,       0.0);
    ( 370010.6, 3809348.5,       0.0,       0.0,       0.0);        ( 370028.1,
3809327.1,       0.0,       0.0,       0.0);
    ( 370045.5, 3809305.8,       0.0,       0.0,       0.0);        ( 370062.9,
3809284.4,       0.0,       0.0,       0.0);
    ( 370080.3, 3809263.0,       0.0,       0.0,       0.0);        ( 370097.8,
3809241.7,       0.0,       0.0,       0.0);
    ( 369995.2, 3809371.4,       0.0,       0.0,       0.0);        ( 369922.9,
3809300.4,       0.0,       0.0,       0.0);
    ( 369939.9, 3809279.6,       0.0,       0.0,       0.0);        ( 369956.8,
3809258.8,       0.0,       0.0,       0.0);
    ( 369973.8, 3809238.0,       0.0,       0.0,       0.0);        ( 369990.8,
3809217.1,       0.0,       0.0,       0.0);
    ( 370007.8, 3809196.3,       0.0,       0.0,       0.0);        ( 370024.8,
3809175.5,       0.0,       0.0,       0.0);
    ( 370041.8, 3809154.7,       0.0,       0.0,       0.0);        ( 369907.6,
3809323.1,       0.0,       0.0,       0.0);
    ( 370401.2, 3809644.3,       0.0,       0.0,       0.0);        ( 370376.2,
3809701.4,       0.0,       0.0,       0.0);
    ( 370351.2, 3809663.3,       0.0,       0.0,       0.0);        ( 370351.2,
3809701.4,       0.0,       0.0,       0.0);
    ( 370330.3, 3809609.1,       0.0,       0.0,       0.0);        ( 370326.2,
3809644.3,       0.0,       0.0,       0.0);
    ( 370326.2, 3809682.3,       0.0,       0.0,       0.0);        ( 370230.3,
3809609.1,       0.0,       0.0,       0.0);
    ( 370226.2, 3809644.3,       0.0,       0.0,       0.0);        ( 370226.2,
3809682.3,       0.0,       0.0,       0.0);
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     ( 370130.8, 3809607.1,       0.0,       0.0,       0.0);         ( 370140.2,
3809570.9,       0.0,       0.0,       0.0);
     ( 370149.5, 3809534.6,       0.0,       0.0,       0.0);         ( 370158.8,
3809498.4,       0.0,       0.0,       0.0);
     ( 370126.2, 3809644.3,       0.0,       0.0,       0.0);         ( 370126.2,
3809682.3,       0.0,       0.0,       0.0);
     ( 370030.7, 3809607.7,       0.0,       0.0,       0.0);         ( 370039.8,
3809572.5,       0.0,       0.0,       0.0);
     ( 370048.8, 3809537.4,       0.0,       0.0,       0.0);         ( 370057.8,
3809502.3,       0.0,       0.0,       0.0);
     ( 370066.9, 3809467.1,       0.0,       0.0,       0.0);         ( 370026.2,
3809644.3,       0.0,       0.0,       0.0);
     ( 370026.2, 3809682.3,       0.0,       0.0,       0.0);         ( 369930.6,
3809608.0,       0.0,       0.0,       0.0);
     ( 369939.5, 3809573.5,       0.0,       0.0,       0.0);         ( 369948.4,
3809539.0,       0.0,       0.0,       0.0);
     ( 369957.3, 3809504.5,       0.0,       0.0,       0.0);         ( 369966.2,
3809469.9,       0.0,       0.0,       0.0);
     ( 369975.1, 3809435.4,       0.0,       0.0,       0.0);         ( 369984.0,
3809400.9,       0.0,       0.0,       0.0);
     ( 369926.2, 3809644.3,       0.0,       0.0,       0.0);         ( 369926.2,
3809682.3,       0.0,       0.0,       0.0);
     ( 369830.8, 3809607.1,       0.0,       0.0,       0.0);         ( 369840.2,
3809570.9,       0.0,       0.0,       0.0);
     ( 369849.5, 3809534.6,       0.0,       0.0,       0.0);         ( 369858.8,
3809498.4,       0.0,       0.0,       0.0);
     ( 369868.2, 3809462.2,       0.0,       0.0,       0.0);         ( 369877.5,
3809425.9,       0.0,       0.0,       0.0);
     ( 369886.8, 3809389.7,       0.0,       0.0,       0.0);         ( 369896.2,
3809353.5,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 369826.2, 3809644.3,       0.0,       0.0,       0.0);         ( 369826.2,
3809682.3,       0.0,       0.0,       0.0);
     ( 370416.5, 3809664.6,       0.0,       0.0,       0.0);         ( 370270.0,
3809550.8,       0.0,       0.0,       0.0);
     ( 370291.2, 3809537.0,       0.0,       0.0,       0.0);         ( 370355.1,
3809495.6,       0.0,       0.0,       0.0);
     ( 370378.2, 3809491.3,       0.0,       0.0,       0.0);         ( 370187.7,
3809493.9,       0.0,       0.0,       0.0);
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     ( 370241.0, 3809459.4,       0.0,       0.0,       0.0);         ( 370262.2,
3809445.6,       0.0,       0.0,       0.0);
     ( 370326.1, 3809404.2,       0.0,       0.0,       0.0);         ( 370409.5,
3809403.4,       0.0,       0.0,       0.0);
     ( 370434.4, 3809408.5,       0.0,       0.0,       0.0);         ( 370459.2,
3809413.7,       0.0,       0.0,       0.0);
     ( 370084.6, 3809450.5,       0.0,       0.0,       0.0);         ( 370106.9,
3809436.1,       0.0,       0.0,       0.0);
     ( 370129.1, 3809421.7,       0.0,       0.0,       0.0);         ( 370151.3,
3809407.3,       0.0,       0.0,       0.0);
     ( 370218.0, 3809364.1,       0.0,       0.0,       0.0);         ( 370240.2,
3809349.7,       0.0,       0.0,       0.0);
     ( 370380.9, 3809302.9,       0.0,       0.0,       0.0);         ( 370406.8,
3809308.3,       0.0,       0.0,       0.0);
     ( 370523.5, 3809332.7,       0.0,       0.0,       0.0);         ( 370588.3,
3809346.2,       0.0,       0.0,       0.0);
     ( 370013.3, 3809386.5,       0.0,       0.0,       0.0);         ( 370035.4,
3809372.3,       0.0,       0.0,       0.0);
     ( 370057.4, 3809358.0,       0.0,       0.0,       0.0);         ( 370079.4,
3809343.7,       0.0,       0.0,       0.0);
     ( 370101.4, 3809329.4,       0.0,       0.0,       0.0);         ( 370123.5,
3809315.2,       0.0,       0.0,       0.0);
     ( 370222.6, 3809250.9,       0.0,       0.0,       0.0);         ( 370374.9,
3809207.2,       0.0,       0.0,       0.0);
     ( 370426.3, 3809217.9,       0.0,       0.0,       0.0);         ( 370529.1,
3809239.4,       0.0,       0.0,       0.0);
     ( 370567.7, 3809247.4,       0.0,       0.0,       0.0);         ( 369931.0,
3809329.7,       0.0,       0.0,       0.0);
     ( 369952.9, 3809315.5,       0.0,       0.0,       0.0);         ( 369974.8,
3809301.3,       0.0,       0.0,       0.0);
     ( 369996.7, 3809287.1,       0.0,       0.0,       0.0);         ( 370018.6,
3809272.9,       0.0,       0.0,       0.0);
     ( 370040.5, 3809258.8,       0.0,       0.0,       0.0);         ( 370062.4,
3809244.6,       0.0,       0.0,       0.0);
     ( 370305.1, 3809098.2,       0.0,       0.0,       0.0);         ( 370330.7,
3809103.5,       0.0,       0.0,       0.0);
     ( 370356.2, 3809108.8,       0.0,       0.0,       0.0);         ( 370471.2,
3809132.8,       0.0,       0.0,       0.0);
     ( 370522.3, 3809143.5,       0.0,       0.0,       0.0);         ( 370547.8,
3809148.8,       0.0,       0.0,       0.0);
     ( 370650.0, 3809170.2,       0.0,       0.0,       0.0);         ( 370675.6,
3809175.5,       0.0,       0.0,       0.0);
     ( 370319.2, 3809706.2,       0.0,       0.0,       0.0);         ( 370303.8,
3809664.9,       0.0,       0.0,       0.0);
     ( 370199.6, 3809671.8,       0.0,       0.0,       0.0);         ( 370194.4,
3809698.9,       0.0,       0.0,       0.0);
     ( 370099.8, 3809665.8,       0.0,       0.0,       0.0);         ( 370094.5,
3809693.0,       0.0,       0.0,       0.0);
     ( 370000.3, 3809659.1,       0.0,       0.0,       0.0);         ( 369994.7,
3809687.1,       0.0,       0.0,       0.0);
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     ( 369900.4, 3809653.4,       0.0,       0.0,       0.0);         ( 369909.6,
3809626.5,       0.0,       0.0,       0.0);
     ( 369894.9, 3809681.2,       0.0,       0.0,       0.0);         ( 369800.5,
3809647.6,       0.0,       0.0,       0.0);
     ( 369809.7, 3809621.0,       0.0,       0.0,       0.0);         ( 369795.1,
3809675.3,       0.0,       0.0,       0.0);
     ( 370370.9, 3809736.6,       0.0,       0.0,       0.0);         ( 370372.7,
3809760.6,       0.0,       0.0,       0.0);
     ( 370374.5, 3809784.6,       0.0,       0.0,       0.0);         ( 370376.3,
3809808.6,       0.0,       0.0,       0.0);
     ( 370378.1, 3809832.6,       0.0,       0.0,       0.0);         ( 370379.9,
3809856.6,       0.0,       0.0,       0.0);
     ( 370381.7, 3809880.6,       0.0,       0.0,       0.0);         ( 370383.5,
3809904.6,       0.0,       0.0,       0.0);
     ( 370347.8, 3809762.4,       0.0,       0.0,       0.0);         ( 370349.6,
3809786.4,       0.0,       0.0,       0.0);
     ( 370351.4, 3809810.4,       0.0,       0.0,       0.0);         ( 370353.2,
3809834.5,       0.0,       0.0,       0.0);
     ( 370355.0, 3809858.5,       0.0,       0.0,       0.0);         ( 370356.8,
3809882.5,       0.0,       0.0,       0.0);
     ( 370358.5, 3809906.5,       0.0,       0.0,       0.0);         ( 370324.6,
3809788.3,       0.0,       0.0,       0.0);
     ( 370326.4, 3809812.3,       0.0,       0.0,       0.0);         ( 370328.2,
3809836.3,       0.0,       0.0,       0.0);
     ( 370330.0, 3809860.3,       0.0,       0.0,       0.0);         ( 370331.8,
3809884.3,       0.0,       0.0,       0.0);
     ( 370333.6, 3809908.3,       0.0,       0.0,       0.0);         ( 370297.9,
3809766.2,       0.0,       0.0,       0.0);
     ( 370299.7, 3809790.2,       0.0,       0.0,       0.0);         ( 370301.5,
3809814.2,       0.0,       0.0,       0.0);
     ( 370303.3, 3809838.2,       0.0,       0.0,       0.0);         ( 370305.1,
3809862.2,       0.0,       0.0,       0.0);
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```
                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 370306.9, 3809886.2,       0.0,       0.0,       0.0);         ( 370308.7,
3809910.2,       0.0,       0.0,       0.0);
     ( 370194.6, 3809725.6,       0.0,       0.0,       0.0);         ( 370196.4,
3809749.6,       0.0,       0.0,       0.0);
     ( 370198.2, 3809773.6,       0.0,       0.0,       0.0);         ( 370200.0,
3809797.6,       0.0,       0.0,       0.0);
```

```
    ( 370201.8, 3809821.6,       0.0,       0.0,       0.0);         ( 370203.6,
3809845.7,       0.0,       0.0,       0.0);
    ( 370205.4, 3809869.7,       0.0,       0.0,       0.0);         ( 370207.2,
3809893.7,       0.0,       0.0,       0.0);
    ( 370209.0, 3809917.7,       0.0,       0.0,       0.0);         ( 370094.9,
3809733.1,       0.0,       0.0,       0.0);
    ( 370096.7, 3809757.1,       0.0,       0.0,       0.0);         ( 370098.5,
3809781.1,       0.0,       0.0,       0.0);
    ( 370100.3, 3809805.1,       0.0,       0.0,       0.0);         ( 370102.1,
3809829.1,       0.0,       0.0,       0.0);
    ( 370103.8, 3809853.1,       0.0,       0.0,       0.0);         ( 370105.6,
3809877.1,       0.0,       0.0,       0.0);
    ( 370107.5, 3809901.1,       0.0,       0.0,       0.0);         ( 370109.2,
3809925.1,       0.0,       0.0,       0.0);
    ( 369995.0, 3809722.7,       0.0,       0.0,       0.0);         ( 369996.9,
3809764.5,       0.0,       0.0,       0.0);
    ( 369998.7, 3809788.6,       0.0,       0.0,       0.0);         ( 370000.5,
3809812.6,       0.0,       0.0,       0.0);
    ( 370002.3, 3809836.6,       0.0,       0.0,       0.0);         ( 370004.1,
3809860.6,       0.0,       0.0,       0.0);
    ( 370005.9, 3809884.6,       0.0,       0.0,       0.0);         ( 370007.7,
3809908.6,       0.0,       0.0,       0.0);
    ( 370009.5, 3809932.6,       0.0,       0.0,       0.0);         ( 369895.2,
3809725.7,       0.0,       0.0,       0.0);
    ( 369897.2, 3809772.0,       0.0,       0.0,       0.0);         ( 369899.0,
3809796.0,       0.0,       0.0,       0.0);
    ( 369900.8, 3809820.0,       0.0,       0.0,       0.0);         ( 369902.6,
3809844.0,       0.0,       0.0,       0.0);
    ( 369904.4, 3809868.0,       0.0,       0.0,       0.0);         ( 369906.2,
3809892.1,       0.0,       0.0,       0.0);
    ( 369908.0, 3809916.1,       0.0,       0.0,       0.0);         ( 369909.8,
3809940.1,       0.0,       0.0,       0.0);
    ( 369795.5, 3809735.4,       0.0,       0.0,       0.0);         ( 369797.5,
3809779.5,       0.0,       0.0,       0.0);
    ( 369799.3, 3809803.5,       0.0,       0.0,       0.0);         ( 369801.1,
3809827.5,       0.0,       0.0,       0.0);
    ( 369802.9, 3809851.5,       0.0,       0.0,       0.0);         ( 369804.7,
3809875.5,       0.0,       0.0,       0.0);
    ( 369806.5, 3809899.5,       0.0,       0.0,       0.0);         ( 369808.3,
3809923.5,       0.0,       0.0,       0.0);
    ( 369810.1, 3809947.5,       0.0,       0.0,       0.0);         ( 370404.6,
3809927.5,       0.0,       0.0,       0.0);
    ( 370386.3, 3809944.4,       0.0,       0.0,       0.0);         ( 370422.8,
3809955.5,       0.0,       0.0,       0.0);
    ( 370382.5, 3809969.1,       0.0,       0.0,       0.0);         ( 370346.8,
3809938.6,       0.0,       0.0,       0.0);
    ( 370419.0, 3809980.3,       0.0,       0.0,       0.0);         ( 370373.8,
3809991.3,       0.0,       0.0,       0.0);
    ( 370326.2, 3809950.5,       0.0,       0.0,       0.0);         ( 370415.2,
3810005.0,       0.0,       0.0,       0.0);
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     ( 370252.8, 3810018.4,       0.0,       0.0,       0.0);         ( 370235.3,
3809978.1,       0.0,       0.0,       0.0);
     ( 370400.0, 3810103.8,       0.0,       0.0,       0.0);         ( 370343.5,
3810189.0,       0.0,       0.0,       0.0);
     ( 370304.6, 3810168.3,       0.0,       0.0,       0.0);         ( 370265.8,
3810147.7,       0.0,       0.0,       0.0);
     ( 370161.9, 3810046.0,       0.0,       0.0,       0.0);         ( 370144.3,
3810005.7,       0.0,       0.0,       0.0);
     ( 370126.8, 3809965.4,       0.0,       0.0,       0.0);         ( 370384.8,
3810202.6,       0.0,       0.0,       0.0);
     ( 370328.3, 3810287.8,       0.0,       0.0,       0.0);         ( 370289.5,
3810267.2,       0.0,       0.0,       0.0);
     ( 370250.6, 3810246.6,       0.0,       0.0,       0.0);         ( 370211.8,
3810225.9,       0.0,       0.0,       0.0);
     ( 370173.0, 3810205.3,       0.0,       0.0,       0.0);         ( 370062.2,
3810053.5,       0.0,       0.0,       0.0);
     ( 370044.6, 3810013.2,       0.0,       0.0,       0.0);         ( 370027.1,
3809972.9,       0.0,       0.0,       0.0);
     ( 370369.7, 3810301.5,       0.0,       0.0,       0.0);         ( 370313.1,
3810386.6,       0.0,       0.0,       0.0);
     ( 370274.3, 3810366.0,       0.0,       0.0,       0.0);         ( 370235.5,
3810345.4,       0.0,       0.0,       0.0);
     ( 370196.6, 3810324.8,       0.0,       0.0,       0.0);         ( 370157.8,
3810304.2,       0.0,       0.0,       0.0);
     ( 370119.0, 3810283.5,       0.0,       0.0,       0.0);         ( 370080.2,
3810262.9,       0.0,       0.0,       0.0);
     ( 370032.6, 3810222.1,       0.0,       0.0,       0.0);         ( 370015.1,
3810181.9,       0.0,       0.0,       0.0);
     ( 369971.2, 3810081.1,       0.0,       0.0,       0.0);         ( 369953.7,
3810040.8,       0.0,       0.0,       0.0);
     ( 369936.1, 3810000.5,       0.0,       0.0,       0.0);         ( 370354.5,
3810400.3,       0.0,       0.0,       0.0);
     ( 370297.9, 3810485.5,       0.0,       0.0,       0.0);         ( 370259.1,
3810464.9,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       22:32:04

                                  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 370220.3, 3810444.2,       0.0,       0.0,       0.0);         ( 370181.5,
3810423.6,       0.0,       0.0,       0.0);
     ( 370142.6, 3810403.0,       0.0,       0.0,       0.0);         ( 370103.8,
3810382.4,       0.0,       0.0,       0.0);
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```
    ( 370065.0, 3810361.8,       0.0,       0.0,       0.0);         ( 370026.2,
3810341.1,       0.0,       0.0,       0.0);
    ( 369987.4, 3810320.5,       0.0,       0.0,       0.0);         ( 369959.2,
3810290.1,       0.0,       0.0,       0.0);
    ( 369941.7, 3810249.8,       0.0,       0.0,       0.0);         ( 369924.1,
3810209.5,       0.0,       0.0,       0.0);
    ( 369906.6, 3810169.2,       0.0,       0.0,       0.0);         ( 369845.2,
3810028.1,       0.0,       0.0,       0.0);
    ( 369827.6, 3809987.8,       0.0,       0.0,       0.0);         ( 370339.3,
3810499.2,       0.0,       0.0,       0.0);
    ( 370405.8, 3809901.7,       0.0,       0.0,       0.0);         ( 370233.6,
3809870.4,       0.0,       0.0,       0.0);
    ( 370135.2, 3809852.5,       0.0,       0.0,       0.0);         ( 370036.8,
3809834.7,       0.0,       0.0,       0.0);
    ( 369938.5, 3809816.8,       0.0,       0.0,       0.0);         ( 369840.1,
3809799.0,       0.0,       0.0,       0.0);
    ( 370358.3, 3809959.9,       0.0,       0.0,       0.0);         ( 370232.0,
3809954.7,       0.0,       0.0,       0.0);
    ( 370231.1, 3809921.8,       0.0,       0.0,       0.0);         ( 370133.8,
3809941.5,       0.0,       0.0,       0.0);
    ( 370132.8, 3809906.3,       0.0,       0.0,       0.0);         ( 370035.9,
3809944.5,       0.0,       0.0,       0.0);
    ( 370034.9, 3809908.0,       0.0,       0.0,       0.0);         ( 370034.0,
3809871.5,       0.0,       0.0,       0.0);
    ( 369938.8, 3809972.2,       0.0,       0.0,       0.0);         ( 369937.8,
3809938.0,       0.0,       0.0,       0.0);
    ( 369936.9, 3809903.8,       0.0,       0.0,       0.0);         ( 369936.0,
3809869.6,       0.0,       0.0,       0.0);
    ( 369840.5, 3809958.2,       0.0,       0.0,       0.0);         ( 369839.5,
3809923.1,       0.0,       0.0,       0.0);
    ( 369838.6, 3809887.9,       0.0,       0.0,       0.0);         ( 369837.6,
3809852.7,       0.0,       0.0,       0.0);
    ( 370451.8, 3809966.6,       0.0,       0.0,       0.0);         ( 370452.9,
3809991.6,       0.0,       0.0,       0.0);
    ( 370434.5, 3810017.4,       0.0,       0.0,       0.0);         ( 370403.3,
3810032.4,       0.0,       0.0,       0.0);
    ( 370343.2, 3809979.8,       0.0,       0.0,       0.0);         ( 370421.5,
3810136.6,       0.0,       0.0,       0.0);
    ( 370384.6, 3810125.1,       0.0,       0.0,       0.0);         ( 370347.7,
3810113.6,       0.0,       0.0,       0.0);
    ( 370459.5, 3810141.5,       0.0,       0.0,       0.0);         ( 370426.7,
3810236.8,       0.0,       0.0,       0.0);
    ( 370391.5, 3810225.8,       0.0,       0.0,       0.0);         ( 370356.2,
3810214.8,       0.0,       0.0,       0.0);
    ( 370321.0, 3810203.9,       0.0,       0.0,       0.0);         ( 370285.7,
3810192.9,       0.0,       0.0,       0.0);
    ( 370240.4, 3810166.5,       0.0,       0.0,       0.0);         ( 370463.8,
3810241.4,       0.0,       0.0,       0.0);
    ( 370430.2, 3810336.4,       0.0,       0.0,       0.0);         ( 370393.3,
3810324.9,       0.0,       0.0,       0.0);
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     ( 370301.0, 3810296.2,       0.0,       0.0,       0.0);         ( 370264.1,
3810284.7,       0.0,       0.0,       0.0);
     ( 370227.2, 3810273.2,       0.0,       0.0,       0.0);         ( 370179.6,
3810245.6,       0.0,       0.0,       0.0);
     ( 370147.9, 3810197.0,       0.0,       0.0,       0.0);         ( 370468.2,
3810341.3,       0.0,       0.0,       0.0);
     ( 370435.1, 3810436.5,       0.0,       0.0,       0.0);         ( 370399.2,
3810425.3,       0.0,       0.0,       0.0);
     ( 370255.6, 3810380.6,       0.0,       0.0,       0.0);         ( 370219.7,
3810369.5,       0.0,       0.0,       0.0);
     ( 370183.8, 3810358.3,       0.0,       0.0,       0.0);         ( 370147.9,
3810347.1,       0.0,       0.0,       0.0);
     ( 370119.7, 3810325.8,       0.0,       0.0,       0.0);         ( 370099.1,
3810294.3,       0.0,       0.0,       0.0);
     ( 370058.0, 3810231.4,       0.0,       0.0,       0.0);         ( 370037.4,
3810199.9,       0.0,       0.0,       0.0);
     ( 370472.5, 3810441.2,       0.0,       0.0,       0.0);         ( 370439.0,
3810536.2,       0.0,       0.0,       0.0);
     ( 370402.0, 3810524.7,       0.0,       0.0,       0.0);         ( 370365.1,
3810513.2,       0.0,       0.0,       0.0);
     ( 370272.8, 3810484.5,       0.0,       0.0,       0.0);         ( 370235.9,
3810473.0,       0.0,       0.0,       0.0);
     ( 370199.0, 3810461.5,       0.0,       0.0,       0.0);         ( 370162.0,
3810450.1,       0.0,       0.0,       0.0);
     ( 370125.1, 3810438.6,       0.0,       0.0,       0.0);         ( 370088.2,
3810427.1,       0.0,       0.0,       0.0);
     ( 370059.1, 3810405.2,       0.0,       0.0,       0.0);         ( 370038.0,
3810372.8,       0.0,       0.0,       0.0);
     ( 369985.1, 3810291.9,       0.0,       0.0,       0.0);         ( 369963.9,
3810259.5,       0.0,       0.0,       0.0);
     ( 369942.8, 3810227.1,       0.0,       0.0,       0.0);         ( 369889.9,
3810146.2,       0.0,       0.0,       0.0);
     ( 370476.9, 3810541.1,       0.0,       0.0,       0.0);         ( 370474.6,
3809964.9,       0.0,       0.0,       0.0);
     ( 370476.5, 3809989.8,       0.0,       0.0,       0.0);         ( 370478.5,
3810014.8,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                 PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 370488.0, 3810139.4,       0.0,       0.0,       0.0);         ( 370495.7,
3810239.1,       0.0,       0.0,       0.0);
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    ( 370503.4, 3810338.8,       0.0,       0.0,       0.0);         ( 370511.0,
3810438.5,       0.0,       0.0,       0.0);
    ( 370518.7, 3810538.2,       0.0,       0.0,       0.0);         ( 370509.4,
3809980.3,       0.0,       0.0,       0.0);
    ( 370549.4, 3809984.7,       0.0,       0.0,       0.0);         ( 370574.0,
3809984.1,       0.0,       0.0,       0.0);
    ( 370508.3, 3810153.7,       0.0,       0.0,       0.0);         ( 370553.5,
3810159.7,       0.0,       0.0,       0.0);
    ( 370578.0, 3810159.1,       0.0,       0.0,       0.0);         ( 370602.5,
3810158.5,       0.0,       0.0,       0.0);
    ( 370531.2, 3810260.2,       0.0,       0.0,       0.0);         ( 370555.8,
3810259.6,       0.0,       0.0,       0.0);
    ( 370580.3, 3810259.1,       0.0,       0.0,       0.0);         ( 370604.8,
3810258.5,       0.0,       0.0,       0.0);
    ( 370533.5, 3810360.2,       0.0,       0.0,       0.0);         ( 370558.0,
3810359.6,       0.0,       0.0,       0.0);
    ( 370582.6, 3810359.0,       0.0,       0.0,       0.0);         ( 370607.1,
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    ( 370381.0, 3810410.9,       0.0,       0.0,       0.0);         ( 370535.8,
3810460.1,       0.0,       0.0,       0.0);
    ( 370560.3, 3810459.6,       0.0,       0.0,       0.0);         ( 370584.9,
3810459.0,       0.0,       0.0,       0.0);
    ( 370609.4, 3810458.5,       0.0,       0.0,       0.0);         ( 370538.1,
3810560.1,       0.0,       0.0,       0.0);
    ( 370562.6, 3810559.6,       0.0,       0.0,       0.0);         ( 370587.2,
3810559.0,       0.0,       0.0,       0.0);
    ( 370611.7, 3810558.4,       0.0,       0.0,       0.0);         ( 370636.3,
3810158.6,       0.0,       0.0,       0.0);
    ( 370636.3, 3810258.6,       0.0,       0.0,       0.0);         ( 370636.3,
3810358.6,       0.0,       0.0,       0.0);
    ( 370636.3, 3810458.6,       0.0,       0.0,       0.0);         ( 370636.3,
3810558.6,       0.0,       0.0,       0.0);
    ( 370628.5, 3809965.2,       0.0,       0.0,       0.0);         ( 370604.0,
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    ( 370264.4, 3809874.8,       0.0,       0.0,       0.0);         ( 370166.6,
3809853.8,       0.0,       0.0,       0.0);
    ( 370068.8, 3809832.8,       0.0,       0.0,       0.0);         ( 370575.0,
3809959.2,       0.0,       0.0,       0.0);
    ( 370534.9, 3809384.2,       0.0,       0.0,       0.0);         ( 370447.5,
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    ( 370501.3, 3809947.9,       0.0,       0.0,       0.0);         ( 370438.1,
3809603.7,       0.0,       0.0,       0.0);
    ( 370402.0, 3809828.0,       0.0,       0.0,       0.0);         ( 370298.8,
3809939.1,       0.0,       0.0,       0.0);
    ( 370243.9, 3809844.4,       0.0,       0.0,       0.0);         ( 370260.0,
3809822.7,       0.0,       0.0,       0.0);
    ( 370276.1, 3809800.9,       0.0,       0.0,       0.0);         ( 370135.9,
3809827.5,       0.0,       0.0,       0.0);
    ( 370152.8, 3809804.7,       0.0,       0.0,       0.0);         ( 370169.6,
3809781.9,       0.0,       0.0,       0.0);
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     ( 370220.2, 3809713.5,       0.0,       0.0,       0.0);         ( 370250.0,
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     ( 370035.1, 3809800.9,       0.0,       0.0,       0.0);         ( 370052.5,
3809777.5,       0.0,       0.0,       0.0);
     ( 370069.8, 3809754.0,       0.0,       0.0,       0.0);         ( 370156.6,
3809636.6,       0.0,       0.0,       0.0);
     ( 370187.2, 3809607.0,       0.0,       0.0,       0.0);         ( 369942.2,
3809763.6,       0.0,       0.0,       0.0);
     ( 369959.1, 3809740.8,       0.0,       0.0,       0.0);         ( 370043.4,
3809626.8,       0.0,       0.0,       0.0);
     ( 370060.2, 3809604.0,       0.0,       0.0,       0.0);         ( 370077.1,
3809581.2,       0.0,       0.0,       0.0);
     ( 370094.0, 3809558.4,       0.0,       0.0,       0.0);         ( 370123.7,
3809529.7,       0.0,       0.0,       0.0);
     ( 369928.3, 3809788.6,       0.0,       0.0,       0.0);         ( 370369.8,
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     ( 370346.0, 3810017.6,       0.0,       0.0,       0.0);         ( 370322.1,
3810020.0,       0.0,       0.0,       0.0);
     ( 370319.6, 3809995.1,       0.0,       0.0,       0.0);         ( 370359.9,
3809438.3,       0.0,       0.0,       0.0);
     ( 370298.0, 3810008.0,       0.0,       0.0,       0.0);         ( 370395.8,
3809751.0,       0.0,       0.0,       0.0);
     ( 370467.0, 3809564.1,       0.0,       0.0,       0.0);         ( 370292.9,
3809981.5,       0.0,       0.0,       0.0);
     ( 370272.3, 3809954.9,       0.0,       0.0,       0.0);         ( 370274.2,
3809929.9,       0.0,       0.0,       0.0);
     ( 370281.8, 3809830.2,       0.0,       0.0,       0.0);         ( 370266.9,
3809728.8,       0.0,       0.0,       0.0);
     ( 370296.8, 3809630.8,       0.0,       0.0,       0.0);         ( 370229.1,
3810008.1,       0.0,       0.0,       0.0);
     ( 370214.0, 3809988.2,       0.0,       0.0,       0.0);         ( 370198.8,
3809968.3,       0.0,       0.0,       0.0);
     ( 370200.7, 3809943.4,       0.0,       0.0,       0.0);         ( 370165.9,
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     ( 370123.8, 3809771.2,       0.0,       0.0,       0.0);         ( 370164.7,
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     ( 370226.0, 3809740.9,       0.0,       0.0,       0.0);         ( 370043.8,
3809697.4,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)
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```
     ( 370148.6, 3809666.3,       0.0,       0.0,       0.0);         ( 369962.5,
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     ( 370005.1, 3809611.3,       0.0,       0.0,       0.0);         ( 370111.6,
3809579.8,       0.0,       0.0,       0.0);
     ( 370175.5, 3809560.9,       0.0,       0.0,       0.0);         ( 370218.1,
3809548.3,       0.0,       0.0,       0.0);
     ( 369901.1, 3809544.7,       0.0,       0.0,       0.0);         ( 369982.8,
3809520.5,       0.0,       0.0,       0.0);
     ( 370023.7, 3809508.4,       0.0,       0.0,       0.0);         ( 370085.1,
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     ( 370126.0, 3809478.1,       0.0,       0.0,       0.0);         ( 369862.9,
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     ( 370199.0, 3810010.4,       0.0,       0.0,       0.0);         ( 370180.0,
3809987.7,       0.0,       0.0,       0.0);
     ( 370173.3, 3809938.2,       0.0,       0.0,       0.0);         ( 370283.7,
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     ( 370146.6, 3809740.0,       0.0,       0.0,       0.0);         ( 370179.6,
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     ( 370152.8, 3809439.9,       0.0,       0.0,       0.0);         ( 370334.3,
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     ( 370379.7, 3809461.7,       0.0,       0.0,       0.0);         ( 370435.8,
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     ( 370170.1, 3810018.6,       0.0,       0.0,       0.0);         ( 370121.7,
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     ( 370105.1, 3809976.1,       0.0,       0.0,       0.0);         ( 370071.5,
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     ( 369972.2, 3809826.6,       0.0,       0.0,       0.0);         ( 369938.6,
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     ( 369974.0, 3809714.0,       0.0,       0.0,       0.0);         ( 370062.4,
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     ( 369872.2, 3809655.5,       0.0,       0.0,       0.0);         ( 369978.3,
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     ( 370314.3, 3809567.9,       0.0,       0.0,       0.0);         ( 370091.7,
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     ( 370052.8, 3809734.0,       0.0,       0.0,       0.0);         ( 370069.0,
3809639.9,       0.0,       0.0,       0.0);
     ( 370010.3, 3809538.5,       0.0,       0.0,       0.0);         ( 370008.3,
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     ( 370046.7, 3809446.4,       0.0,       0.0,       0.0);         ( 370123.5,
3809453.8,       0.0,       0.0,       0.0);
     ( 370076.3, 3809987.3,       0.0,       0.0,       0.0);         ( 370034.3,
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     ( 370007.2, 3809987.5,       0.0,       0.0,       0.0);         ( 369989.4,
3810023.8,       0.0,       0.0,       0.0);
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     ( 369863.7, 3809855.0,       0.0,       0.0,       0.0);         ( 369963.9,
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     ( 370016.0, 3809746.4,       0.0,       0.0,       0.0);         ( 369750.1,
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     ( 369775.1, 3809809.4,       0.0,       0.0,       0.0);         ( 369825.1,
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     ( 369682.9, 3809768.4,       0.0,       0.0,       0.0);         ( 369706.4,
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     ( 369776.7, 3809652.5,       0.0,       0.0,       0.0);         ( 369855.9,
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     ( 369889.6, 3809590.4,       0.0,       0.0,       0.0);         ( 369974.0,
3809550.7,       0.0,       0.0,       0.0);
     ( 369638.9, 3809830.1,       0.0,       0.0,       0.0);         ( 369570.0,
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     ( 369642.3, 3809663.7,       0.0,       0.0,       0.0);         ( 369666.4,
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     ( 369690.5, 3809604.0,       0.0,       0.0,       0.0);         ( 369714.6,
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     ( 369744.0, 3809551.1,       0.0,       0.0,       0.0);         ( 369778.8,
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     ( 369917.5, 3809469.5,       0.0,       0.0,       0.0);         ( 369549.0,
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     ( 370070.8, 3810030.9,       0.0,       0.0,       0.0);         ( 370176.4,
3809804.3,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

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(369960.1, 3810002.6, 0.0, 0.0, 0.0); (369825.0, 3810061.0, 0.0, 0.0, 0.0);
(369849.5, 3809980.9, 0.0, 0.0, 0.0); (369867.5, 3809954.4, 0.0, 0.0, 0.0);
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(369735.5, 3810026.6, 0.0, 0.0, 0.0); (369745.8, 3809993.0, 0.0, 0.0, 0.0);
(369756.1, 3809959.3, 0.0, 0.0, 0.0); (369766.5, 3809925.7, 0.0, 0.0, 0.0);
(369867.5, 3809831.6, 0.0, 0.0, 0.0); (369720.0, 3810095.7, 0.0, 0.0, 0.0);
(369625.3, 3810059.8, 0.0, 0.0, 0.0); (369635.9, 3810025.3, 0.0, 0.0, 0.0);
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(369702.9, 3809841.5, 0.0, 0.0, 0.0); (369731.0, 3809818.9, 0.0, 0.0, 0.0);
(369773.1, 3809784.9, 0.0, 0.0, 0.0); (369843.4, 3809728.3, 0.0, 0.0, 0.0);
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(369579.1, 3809884.3, 0.0, 0.0, 0.0); (369589.9, 3809849.3, 0.0, 0.0, 0.0);
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     ( 369490.6, 3809846.9,       0.0,       0.0,       0.0);         ( 369501.5,
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     ( 369512.3, 3809776.1,       0.0,       0.0,       0.0);         ( 369537.6,
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     ( 369566.5, 3809705.8,       0.0,       0.0,       0.0);         ( 369595.3,
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3809557.1,       0.0,       0.0,       0.0);
     ( 369913.1, 3809570.4,       0.0,       0.0,       0.0);         ( 369965.3,
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     ( 369790.5, 3809462.2,       0.0,       0.0,       0.0);         ( 369825.7,
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     ( 369720.0, 3809460.5,       0.0,       0.0,       0.0);         ( 369809.7,
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     ( 369802.3, 3809983.4,       0.0,       0.0,       0.0);         ( 369754.5,
3810038.6,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 0.0, 0.0, 0.0); (369752.6, 3809872.5, 0.0, 0.0, 0.0);
(369773.7, 3809863.0, 0.0, 0.0, 0.0); (369605.6, 3809866.1, 0.0, 0.0, 0.0);
(369620.2, 3809848.1, 0.0, 0.0, 0.0); (369691.6, 3809793.2, 0.0, 0.0, 0.0);
(369712.7, 3809783.7, 0.0, 0.0, 0.0); (369733.9, 3809774.2, 0.0, 0.0, 0.0);
(369755.0, 3809764.7, 0.0, 0.0, 0.0); (369530.0, 3809804.8, 0.0, 0.0, 0.0);
(369630.6, 3809713.9, 0.0, 0.0, 0.0); (369651.8, 3809704.4, 0.0, 0.0, 0.0);
(369672.9, 3809694.9, 0.0, 0.0, 0.0); (369694.0, 3809685.5, 0.0, 0.0, 0.0);
(369715.2, 3809676.0, 0.0, 0.0, 0.0); (369736.3, 3809666.5, 0.0, 0.0, 0.0);
(369396.1, 3809815.5, 0.0, 0.0, 0.0); (369410.7, 3809797.5, 0.0, 0.0, 0.0);
(369425.3, 3809779.5, 0.0, 0.0, 0.0); (369439.9, 3809761.5, 0.0, 0.0, 0.0);
(369454.5, 3809743.5, 0.0, 0.0, 0.0); (369469.1, 3809725.5, 0.0, 0.0, 0.0);
(369483.7, 3809707.6, 0.0, 0.0, 0.0); (369498.2, 3809689.6, 0.0, 0.0, 0.0);
(369512.8, 3809671.6, 0.0, 0.0, 0.0); (369548.6, 3809644.1, 0.0, 0.0, 0.0);
(369569.7, 3809634.6, 0.0, 0.0, 0.0); (369590.8, 3809625.2, 0.0, 0.0, 0.0);
(369612.0, 3809615.7, 0.0, 0.0, 0.0); (369633.1, 3809606.2, 0.0, 0.0, 0.0);
(369654.2, 3809596.7, 0.0, 0.0, 0.0); (369675.3, 3809587.2, 0.0, 0.0, 0.0);
(369381.5, 3809833.5, 0.0, 0.0, 0.0); (369371.4, 3809854.6, 0.0, 0.0, 0.0);
(369306.0, 3809772.2, 0.0, 0.0, 0.0); (369320.6, 3809754.2, 0.0, 0.0, 0.0);
(369335.2, 3809736.2, 0.0, 0.0, 0.0); (369349.8, 3809718.2, 0.0, 0.0, 0.0);
(369364.3, 3809700.2, 0.0, 0.0, 0.0); (369378.9, 3809682.2, 0.0, 0.0, 0.0);
(369393.5, 3809664.3, 0.0, 0.0, 0.0); (369408.1, 3809646.3, 0.0, 0.0, 0.0);
(369422.7, 3809628.3, 0.0, 0.0, 0.0); (369437.3, 3809610.3, 0.0, 0.0, 0.0);
(369451.9, 3809592.3, 0.0, 0.0, 0.0); (369487.6, 3809564.8, 0.0, 0.0, 0.0);

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     ( 369508.7, 3809555.4,       0.0,       0.0,       0.0);         ( 369529.9,
3809545.9,       0.0,       0.0,       0.0);
     ( 369551.0, 3809536.4,       0.0,       0.0,       0.0);         ( 369572.1,
3809526.9,       0.0,       0.0,       0.0);
     ( 369593.3, 3809517.4,       0.0,       0.0,       0.0);         ( 369614.4,
3809508.0,       0.0,       0.0,       0.0);
     ( 369635.5, 3809498.5,       0.0,       0.0,       0.0);         ( 369656.6,
3809489.0,       0.0,       0.0,       0.0);
     ( 369677.8, 3809479.5,       0.0,       0.0,       0.0);         ( 369698.9,
3809470.0,       0.0,       0.0,       0.0);
     ( 369291.4, 3809790.2,       0.0,       0.0,       0.0);         ( 369281.2,
3809811.3,       0.0,       0.0,       0.0);
     ( 369775.2, 3810088.7,       0.0,       0.0,       0.0);         ( 369752.7,
3810077.9,       0.0,       0.0,       0.0);
     ( 369759.5, 3810117.8,       0.0,       0.0,       0.0);         ( 369736.0,
3810126.6,       0.0,       0.0,       0.0);
     ( 369635.7, 3810121.8,       0.0,       0.0,       0.0);         ( 369642.4,
3810161.7,       0.0,       0.0,       0.0);
     ( 369542.1, 3810155.1,       0.0,       0.0,       0.0);         ( 369544.0,
3810112.3,       0.0,       0.0,       0.0);
     ( 369545.9, 3810069.5,       0.0,       0.0,       0.0);         ( 369548.8,
3810196.8,       0.0,       0.0,       0.0);
     ( 369448.5, 3810190.7,       0.0,       0.0,       0.0);         ( 369450.3,
3810148.9,       0.0,       0.0,       0.0);
     ( 369452.2, 3810107.1,       0.0,       0.0,       0.0);         ( 369454.1,
3810065.2,       0.0,       0.0,       0.0);
     ( 369455.2, 3810231.9,       0.0,       0.0,       0.0);         ( 369354.8,
3810226.1,       0.0,       0.0,       0.0);
     ( 369356.7, 3810184.8,       0.0,       0.0,       0.0);         ( 369358.5,
3810143.6,       0.0,       0.0,       0.0);
     ( 369360.3, 3810102.3,       0.0,       0.0,       0.0);         ( 369362.2,
3810061.0,       0.0,       0.0,       0.0);
     ( 369364.0, 3810019.7,       0.0,       0.0,       0.0);         ( 369365.9,
3809978.4,       0.0,       0.0,       0.0);
     ( 369367.7, 3809937.2,       0.0,       0.0,       0.0);         ( 369369.5,
3809895.9,       0.0,       0.0,       0.0);
     ( 369361.5, 3810267.1,       0.0,       0.0,       0.0);         ( 369261.2,
3810260.5,       0.0,       0.0,       0.0);
     ( 369263.1, 3810217.7,       0.0,       0.0,       0.0);         ( 369265.0,
3810174.9,       0.0,       0.0,       0.0);
     ( 369267.0, 3810132.2,       0.0,       0.0,       0.0);         ( 369268.9,
3810089.4,       0.0,       0.0,       0.0);
     ( 369270.8, 3810046.6,       0.0,       0.0,       0.0);         ( 369272.7,
3810003.8,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***       08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       22:32:04

                                PAGE  73
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369274.6, 3809961.0, 0.0, 0.0, 0.0); (369276.5, 3809918.3, 0.0, 0.0, 0.0);
(369278.4, 3809875.5, 0.0, 0.0, 0.0); (369267.9, 3810302.2, 0.0, 0.0, 0.0);
(369835.8, 3810124.8, 0.0, 0.0, 0.0); (369855.3, 3810137.1, 0.0, 0.0, 0.0);
(369792.9, 3810121.4, 0.0, 0.0, 0.0); (369822.5, 3810146.0, 0.0, 0.0, 0.0);
(369841.9, 3810158.3, 0.0, 0.0, 0.0); (369779.6, 3810142.5, 0.0, 0.0, 0.0);
(369809.1, 3810167.1, 0.0, 0.0, 0.0); (369828.6, 3810179.4, 0.0, 0.0, 0.0);
(369762.9, 3810159.5, 0.0, 0.0, 0.0); (369795.8, 3810188.3, 0.0, 0.0, 0.0);
(369815.3, 3810200.6, 0.0, 0.0, 0.0); (369709.6, 3810244.1, 0.0, 0.0, 0.0);
(369682.7, 3810211.1, 0.0, 0.0, 0.0); (369742.5, 3810272.9, 0.0, 0.0, 0.0);
(369761.9, 3810285.1, 0.0, 0.0, 0.0); (369656.2, 3810328.7, 0.0, 0.0, 0.0);
(369629.4, 3810295.7, 0.0, 0.0, 0.0); (369602.5, 3810262.8, 0.0, 0.0, 0.0);
(369575.7, 3810229.8, 0.0, 0.0, 0.0); (369689.1, 3810357.5, 0.0, 0.0, 0.0);
(369708.6, 3810369.7, 0.0, 0.0, 0.0); (369602.9, 3810413.3, 0.0, 0.0, 0.0);
(369576.0, 3810380.3, 0.0, 0.0, 0.0); (369549.2, 3810347.3, 0.0, 0.0, 0.0);
(369522.3, 3810314.4, 0.0, 0.0, 0.0); (369495.5, 3810281.4, 0.0, 0.0, 0.0);
(369635.8, 3810442.1, 0.0, 0.0, 0.0); (369655.3, 3810454.3, 0.0, 0.0, 0.0);
(369548.6, 3810496.7, 0.0, 0.0, 0.0); (369534.2, 3810479.0, 0.0, 0.0, 0.0);
(369519.8, 3810461.4, 0.0, 0.0, 0.0); (369505.4, 3810443.7, 0.0, 0.0, 0.0);
(369491.0, 3810426.0, 0.0, 0.0, 0.0); (369476.7, 3810408.4, 0.0, 0.0, 0.0);
(369462.3, 3810390.7, 0.0, 0.0, 0.0); (369447.9, 3810373.1, 0.0, 0.0, 0.0);
(369433.5, 3810355.4, 0.0, 0.0, 0.0); (369419.1, 3810337.7, 0.0, 0.0, 0.0);
(369404.7, 3810320.1, 0.0, 0.0, 0.0); (369390.3, 3810302.4, 0.0, 0.0, 0.0);

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     ( 369375.9, 3810284.7,       0.0,       0.0,       0.0);         ( 369563.0,
3810514.4,       0.0,       0.0,       0.0);
     ( 369582.5, 3810526.6,       0.0,       0.0,       0.0);         ( 369601.9,
3810538.9,       0.0,       0.0,       0.0);
     ( 369495.5, 3810581.5,       0.0,       0.0,       0.0);         ( 369481.2,
3810564.0,       0.0,       0.0,       0.0);
     ( 369467.0, 3810546.6,       0.0,       0.0,       0.0);         ( 369438.6,
3810511.7,       0.0,       0.0,       0.0);
     ( 369424.3, 3810494.2,       0.0,       0.0,       0.0);         ( 369410.1,
3810476.8,       0.0,       0.0,       0.0);
     ( 369395.9, 3810459.3,       0.0,       0.0,       0.0);         ( 369381.7,
3810441.8,       0.0,       0.0,       0.0);
     ( 369353.2, 3810406.9,       0.0,       0.0,       0.0);         ( 369339.0,
3810389.5,       0.0,       0.0,       0.0);
     ( 369324.8, 3810372.0,       0.0,       0.0,       0.0);         ( 369310.6,
3810354.6,       0.0,       0.0,       0.0);
     ( 369296.4, 3810337.1,       0.0,       0.0,       0.0);         ( 369509.7,
3810599.0,       0.0,       0.0,       0.0);
     ( 369529.1, 3810611.2,       0.0,       0.0,       0.0);         ( 369548.6,
3810623.5,       0.0,       0.0,       0.0);
     ( 369674.6, 3810067.5,       0.0,       0.0,       0.0);         ( 369577.6,
3810043.2,       0.0,       0.0,       0.0);
     ( 369480.5, 3810019.0,       0.0,       0.0,       0.0);         ( 369383.5,
3809994.7,       0.0,       0.0,       0.0);
     ( 369865.2, 3810163.2,       0.0,       0.0,       0.0);         ( 369851.6,
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     ( 369838.0, 3810205.2,       0.0,       0.0,       0.0);         ( 369824.4,
3810226.1,       0.0,       0.0,       0.0);
     ( 369676.3, 3810175.8,       0.0,       0.0,       0.0);         ( 369674.3,
3810145.3,       0.0,       0.0,       0.0);
     ( 369672.3, 3810114.8,       0.0,       0.0,       0.0);         ( 369770.1,
3810310.1,       0.0,       0.0,       0.0);
     ( 369582.0, 3810193.1,       0.0,       0.0,       0.0);         ( 369579.8,
3810159.8,       0.0,       0.0,       0.0);
     ( 369577.7, 3810126.6,       0.0,       0.0,       0.0);         ( 369575.5,
3810093.4,       0.0,       0.0,       0.0);
     ( 369715.7, 3810394.0,       0.0,       0.0,       0.0);         ( 369490.1,
3810247.1,       0.0,       0.0,       0.0);
     ( 369488.0, 3810214.6,       0.0,       0.0,       0.0);         ( 369485.9,
3810182.1,       0.0,       0.0,       0.0);
     ( 369483.8, 3810149.6,       0.0,       0.0,       0.0);         ( 369481.6,
3810117.1,       0.0,       0.0,       0.0);
     ( 369479.5, 3810084.6,       0.0,       0.0,       0.0);         ( 369477.4,
3810052.1,       0.0,       0.0,       0.0);
     ( 369661.4, 3810478.0,       0.0,       0.0,       0.0);         ( 369395.9,
3810265.5,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       22:32:04
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369393.7, 3810231.7, 0.0, 0.0, 0.0); (369391.5, 3810197.8, 0.0, 0.0, 0.0);
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(369384.8, 3810096.3, 0.0, 0.0, 0.0); (369381.5, 3810045.5, 0.0, 0.0, 0.0);
(369607.0, 3810561.9, 0.0, 0.0, 0.0); (369302.9, 3810303.1, 0.0, 0.0, 0.0);
(369300.8, 3810269.9, 0.0, 0.0, 0.0); (369298.6, 3810236.7, 0.0, 0.0, 0.0);
(369296.4, 3810203.4, 0.0, 0.0, 0.0); (369294.2, 3810170.2, 0.0, 0.0, 0.0);
(369292.1, 3810136.9, 0.0, 0.0, 0.0); (369289.9, 3810103.7, 0.0, 0.0, 0.0);
(369287.7, 3810070.5, 0.0, 0.0, 0.0); (369552.7, 3810645.9, 0.0, 0.0, 0.0);
(369879.1, 3810188.2, 0.0, 0.0, 0.0); (369887.5, 3810212.3, 0.0, 0.0, 0.0);
(369862.8, 3810208.8, 0.0, 0.0, 0.0); (369893.2, 3810236.1, 0.0, 0.0, 0.0);
(369865.7, 3810232.1, 0.0, 0.0, 0.0); (369921.4, 3810332.1, 0.0, 0.0, 0.0);
(369893.9, 3810328.1, 0.0, 0.0, 0.0); (369866.4, 3810324.1, 0.0, 0.0, 0.0);
(369838.8, 3810320.1, 0.0, 0.0, 0.0); (369811.3, 3810316.1, 0.0, 0.0, 0.0);
(369949.6, 3810329.8, 0.0, 0.0, 0.0); (369948.8, 3810427.9, 0.0, 0.0, 0.0);
(369919.7, 3810423.7, 0.0, 0.0, 0.0); (369890.5, 3810419.4, 0.0, 0.0, 0.0);
(369861.4, 3810415.2, 0.0, 0.0, 0.0); (369832.3, 3810411.0, 0.0, 0.0, 0.0);
(369803.1, 3810406.7, 0.0, 0.0, 0.0); (369774.0, 3810402.5, 0.0, 0.0, 0.0);
(369744.8, 3810398.3, 0.0, 0.0, 0.0); (369977.8, 3810425.8, 0.0, 0.0, 0.0);
(369977.2, 3810523.9, 0.0, 0.0, 0.0); (369948.5, 3810519.7, 0.0, 0.0, 0.0);
(369919.8, 3810515.5, 0.0, 0.0, 0.0); (369891.1, 3810511.3, 0.0, 0.0, 0.0);
(369862.4, 3810507.2, 0.0, 0.0, 0.0); (369833.7, 3810503.0, 0.0, 0.0, 0.0);

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     ( 369747.5, 3810490.5,       0.0,       0.0,       0.0);         ( 369718.8,
3810486.3,       0.0,       0.0,       0.0);
     ( 369690.1, 3810482.1,       0.0,       0.0,       0.0);         ( 370006.0,
3810521.7,       0.0,       0.0,       0.0);
     ( 370005.1, 3810619.8,       0.0,       0.0,       0.0);         ( 369975.6,
3810615.5,       0.0,       0.0,       0.0);
     ( 369946.1, 3810611.2,       0.0,       0.0,       0.0);         ( 369916.6,
3810606.9,       0.0,       0.0,       0.0);
     ( 369887.1, 3810602.6,       0.0,       0.0,       0.0);         ( 369857.6,
3810598.3,       0.0,       0.0,       0.0);
     ( 369828.1, 3810594.0,       0.0,       0.0,       0.0);         ( 369798.7,
3810589.8,       0.0,       0.0,       0.0);
     ( 369769.2, 3810585.5,       0.0,       0.0,       0.0);         ( 369739.7,
3810581.2,       0.0,       0.0,       0.0);
     ( 369710.2, 3810576.9,       0.0,       0.0,       0.0);         ( 369680.7,
3810572.6,       0.0,       0.0,       0.0);
     ( 369651.2, 3810568.3,       0.0,       0.0,       0.0);         ( 370034.2,
3810617.7,       0.0,       0.0,       0.0);
     ( 370033.5, 3810715.7,       0.0,       0.0,       0.0);         ( 370004.3,
3810711.5,       0.0,       0.0,       0.0);
     ( 369975.2, 3810707.2,       0.0,       0.0,       0.0);         ( 369946.0,
3810703.0,       0.0,       0.0,       0.0);
     ( 369916.9, 3810698.8,       0.0,       0.0,       0.0);         ( 369887.8,
3810694.5,       0.0,       0.0,       0.0);
     ( 369858.6, 3810690.3,       0.0,       0.0,       0.0);         ( 369829.5,
3810686.1,       0.0,       0.0,       0.0);
     ( 369800.3, 3810681.8,       0.0,       0.0,       0.0);         ( 369771.2,
3810677.6,       0.0,       0.0,       0.0);
     ( 369742.1, 3810673.4,       0.0,       0.0,       0.0);         ( 369712.9,
3810669.1,       0.0,       0.0,       0.0);
     ( 369683.8, 3810664.9,       0.0,       0.0,       0.0);         ( 369654.6,
3810660.7,       0.0,       0.0,       0.0);
     ( 369625.5, 3810656.4,       0.0,       0.0,       0.0);         ( 369596.4,
3810652.2,       0.0,       0.0,       0.0);
     ( 370062.4, 3810713.6,       0.0,       0.0,       0.0);         ( 369930.0,
3810171.2,       0.0,       0.0,       0.0);
     ( 369915.7, 3810247.0,       0.0,       0.0,       0.0);         ( 369793.0,
3810520.8,       0.0,       0.0,       0.0);
     ( 369735.8, 3810604.7,       0.0,       0.0,       0.0);         ( 369678.5,
3810688.6,       0.0,       0.0,       0.0);
     ( 369711.2, 3810703.3,       0.0,       0.0,       0.0);         ( 369951.0,
3810180.1,       0.0,       0.0,       0.0);
     ( 369974.7, 3810185.5,       0.0,       0.0,       0.0);         ( 370069.5,
3810207.2,       0.0,       0.0,       0.0);
     ( 369969.1, 3810209.9,       0.0,       0.0,       0.0);         ( 369992.8,
3810215.3,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369987.3, 3810239.7, 0.0, 0.0, 0.0); (370011.0, 3810245.1, 0.0, 0.0, 0.0);
(370034.6, 3810250.5, 0.0, 0.0, 0.0); (370058.3, 3810255.9, 0.0, 0.0, 0.0);
(370005.4, 3810269.5, 0.0, 0.0, 0.0); (370029.1, 3810274.9, 0.0, 0.0, 0.0);
(370052.8, 3810280.3, 0.0, 0.0, 0.0); (369935.7, 3810356.1, 0.0, 0.0, 0.0);
(369959.4, 3810361.5, 0.0, 0.0, 0.0); (369983.1, 3810366.9, 0.0, 0.0, 0.0);
(370006.8, 3810372.4, 0.0, 0.0, 0.0); (369871.1, 3810442.0, 0.0, 0.0, 0.0);
(369913.4, 3810453.6, 0.0, 0.0, 0.0); (369937.1, 3810459.0, 0.0, 0.0, 0.0);
(369960.8, 3810464.4, 0.0, 0.0, 0.0); (369984.5, 3810469.8, 0.0, 0.0, 0.0);
(370008.2, 3810475.3, 0.0, 0.0, 0.0); (369848.8, 3810539.4, 0.0, 0.0, 0.0);
(369891.1, 3810551.1, 0.0, 0.0, 0.0); (369914.8, 3810556.5, 0.0, 0.0, 0.0);
(369938.5, 3810561.9, 0.0, 0.0, 0.0); (369962.2, 3810567.3, 0.0, 0.0, 0.0);
(369985.9, 3810572.8, 0.0, 0.0, 0.0); (369826.5, 3810636.9, 0.0, 0.0, 0.0);
(369789.3, 3810624.5, 0.0, 0.0, 0.0); (369868.9, 3810648.6, 0.0, 0.0, 0.0);
(369892.5, 3810654.0, 0.0, 0.0, 0.0); (369916.2, 3810659.4, 0.0, 0.0, 0.0);
(369939.9, 3810664.8, 0.0, 0.0, 0.0); (369963.6, 3810670.2, 0.0, 0.0, 0.0);
(369800.5, 3810733.2, 0.0, 0.0, 0.0); (369778.2, 3810725.7, 0.0, 0.0, 0.0);
(369755.9, 3810718.2, 0.0, 0.0, 0.0); (369733.5, 3810710.7, 0.0, 0.0, 0.0);
(369822.9, 3810740.6, 0.0, 0.0, 0.0); (369846.6, 3810746.1, 0.0, 0.0, 0.0);
(369870.3, 3810751.5, 0.0, 0.0, 0.0); (369894.0, 3810756.9, 0.0, 0.0, 0.0);
(369917.6, 3810762.3, 0.0, 0.0, 0.0); (369941.3, 3810767.7, 0.0, 0.0, 0.0);

```
     ( 370097.2, 3810203.4,       0.0,       0.0,       0.0);         ( 370086.3,
3810231.5,       0.0,       0.0,       0.0);
     ( 370119.3, 3810223.9,       0.0,       0.0,       0.0);         ( 370108.4,
3810252.1,       0.0,       0.0,       0.0);
     ( 370136.5, 3810373.9,       0.0,       0.0,       0.0);         ( 370125.8,
3810475.1,       0.0,       0.0,       0.0);
     ( 370092.2, 3810475.2,       0.0,       0.0,       0.0);         ( 370058.6,
3810475.2,       0.0,       0.0,       0.0);
     ( 370148.8, 3810572.6,       0.0,       0.0,       0.0);         ( 370116.2,
3810572.6,       0.0,       0.0,       0.0);
     ( 370083.6, 3810572.6,       0.0,       0.0,       0.0);         ( 370051.0,
3810572.7,       0.0,       0.0,       0.0);
     ( 370018.5, 3810572.7,       0.0,       0.0,       0.0);         ( 370181.5,
3810568.7,       0.0,       0.0,       0.0);
     ( 370171.5, 3810670.0,       0.0,       0.0,       0.0);         ( 370139.6,
3810670.0,       0.0,       0.0,       0.0);
     ( 370107.6, 3810670.1,       0.0,       0.0,       0.0);         ( 370075.6,
3810670.1,       0.0,       0.0,       0.0);
     ( 370043.6, 3810670.1,       0.0,       0.0,       0.0);         ( 370011.6,
3810670.2,       0.0,       0.0,       0.0);
     ( 370204.0, 3810666.2,       0.0,       0.0,       0.0);         ( 370193.2,
3810767.4,       0.0,       0.0,       0.0);
     ( 370159.7, 3810767.5,       0.0,       0.0,       0.0);         ( 370126.1,
3810767.5,       0.0,       0.0,       0.0);
     ( 370092.5, 3810767.6,       0.0,       0.0,       0.0);         ( 370058.9,
3810767.6,       0.0,       0.0,       0.0);
     ( 370025.3, 3810767.6,       0.0,       0.0,       0.0);         ( 369991.7,
3810767.7,       0.0,       0.0,       0.0);
     ( 370226.5, 3810763.6,       0.0,       0.0,       0.0);         ( 369890.0,
3810626.2,       0.0,       0.0,       0.0);
     ( 369840.9, 3810713.3,       0.0,       0.0,       0.0);         ( 370144.5,
3810239.5,       0.0,       0.0,       0.0);
     ( 370132.2, 3810261.3,       0.0,       0.0,       0.0);         ( 370171.6,
3810285.3,       0.0,       0.0,       0.0);
     ( 370172.5, 3810386.9,       0.0,       0.0,       0.0);         ( 370174.2,
3810482.4,       0.0,       0.0,       0.0);
     ( 370038.8, 3810460.2,       0.0,       0.0,       0.0);         ( 370209.0,
3810481.8,       0.0,       0.0,       0.0);
     ( 370006.7, 3810550.1,       0.0,       0.0,       0.0);         ( 369955.9,
3810541.8,       0.0,       0.0,       0.0);
     ( 370209.9, 3810583.4,       0.0,       0.0,       0.0);         ( 370245.4,
3810576.6,       0.0,       0.0,       0.0);
     ( 370032.5, 3810649.5,       0.0,       0.0,       0.0);         ( 369996.9,
3810643.7,       0.0,       0.0,       0.0);
     ( 369961.2, 3810637.9,       0.0,       0.0,       0.0);         ( 369925.6,
3810632.0,       0.0,       0.0,       0.0);
     ( 370228.5, 3810681.6,       0.0,       0.0,       0.0);         ( 370264.1,
3810674.8,       0.0,       0.0,       0.0);
     ( 370035.2, 3810745.1,       0.0,       0.0,       0.0);         ( 369999.9,
3810739.4,       0.0,       0.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369964.6, 3810733.6, 0.0, 0.0, 0.0); (369929.2, 3810727.8, 0.0, 0.0, 0.0);
(369893.9, 3810722.0, 0.0, 0.0, 0.0); (370247.2, 3810779.8, 0.0, 0.0, 0.0);
(370282.8, 3810773.1, 0.0, 0.0, 0.0); (370197.7, 3810206.9, 0.0, 0.0, 0.0);
(370201.0, 3810256.8, 0.0, 0.0, 0.0); (370202.7, 3810281.7, 0.0, 0.0, 0.0);
(370196.7, 3810382.4, 0.0, 0.0, 0.0); (370210.8, 3810782.3, 0.0, 0.0, 0.0);
(370233.3, 3810215.2, 0.0, 0.0, 0.0); (370261.3, 3810183.9, 0.0, 0.0, 0.0);
(370266.0, 3810216.2, 0.0, 0.0, 0.0); (370284.6, 3810232.9, 0.0, 0.0, 0.0);
(370328.3, 3810323.4, 0.0, 0.0, 0.0); (370294.3, 3810340.0, 0.0, 0.0, 0.0);
(370401.4, 3810390.7, 0.0, 0.0, 0.0); (370327.3, 3810426.9, 0.0, 0.0, 0.0);
(370290.2, 3810445.1, 0.0, 0.0, 0.0); (370433.9, 3810366.0, 0.0, 0.0, 0.0);
(370458.3, 3810465.9, 0.0, 0.0, 0.0); (370422.1, 3810483.6, 0.0, 0.0, 0.0);
(370385.8, 3810501.4, 0.0, 0.0, 0.0); (370331.5, 3810527.9, 0.0, 0.0, 0.0);
(370295.2, 3810545.6, 0.0, 0.0, 0.0); (370522.5, 3810416.9, 0.0, 0.0, 0.0);
(370551.3, 3810523.5, 0.0, 0.0, 0.0); (370497.6, 3810549.8, 0.0, 0.0, 0.0);
(370461.9, 3810567.2, 0.0, 0.0, 0.0); (370426.1, 3810584.7, 0.0, 0.0, 0.0);
(370390.4, 3810602.2, 0.0, 0.0, 0.0); (370354.6, 3810619.7, 0.0, 0.0, 0.0);
(370318.8, 3810637.1, 0.0, 0.0, 0.0); (370283.1, 3810654.6, 0.0, 0.0, 0.0);
(370583.1, 3810499.1, 0.0, 0.0, 0.0); (370625.3, 3810590.4, 0.0, 0.0, 0.0);
(370588.2, 3810608.5, 0.0, 0.0, 0.0); (370551.1, 3810626.6, 0.0, 0.0, 0.0);

```
    ( 370514.1, 3810644.8,       0.0,       0.0,       0.0);         ( 370477.0,
3810662.9,       0.0,       0.0,       0.0);
    ( 370440.0, 3810681.0,       0.0,       0.0,       0.0);         ( 370402.9,
3810699.1,       0.0,       0.0,       0.0);
    ( 370365.8, 3810717.2,       0.0,       0.0,       0.0);         ( 370328.8,
3810735.3,       0.0,       0.0,       0.0);
    ( 370657.8, 3810565.7,       0.0,       0.0,       0.0);         ( 370310.1,
3810228.2,       0.0,       0.0,       0.0);
    ( 370352.1, 3810424.7,       0.0,       0.0,       0.0);         ( 370419.7,
3810508.1,       0.0,       0.0,       0.0);
    ( 370412.8, 3810615.3,       0.0,       0.0,       0.0);         ( 370450.0,
3810603.4,       0.0,       0.0,       0.0);
    ( 370405.9, 3810722.4,       0.0,       0.0,       0.0);         ( 370443.1,
3810710.6,       0.0,       0.0,       0.0);
    ( 370480.3, 3810698.7,       0.0,       0.0,       0.0);         ( 370315.6,
3810145.1,       0.0,       0.0,       0.0);
    ( 370332.8, 3810163.3,       0.0,       0.0,       0.0);         ( 370365.2,
3810167.1,       0.0,       0.0,       0.0);
    ( 370420.4, 3810281.4,       0.0,       0.0,       0.0);         ( 370471.6,
3810364.4,       0.0,       0.0,       0.0);
    ( 370556.1, 3810427.8,       0.0,       0.0,       0.0);         ( 370487.9,
3810467.9,       0.0,       0.0,       0.0);
    ( 370588.4, 3810403.3,       0.0,       0.0,       0.0);         ( 370624.4,
3810500.7,       0.0,       0.0,       0.0);
    ( 370589.5, 3810521.2,       0.0,       0.0,       0.0);         ( 370502.3,
3810572.6,       0.0,       0.0,       0.0);
    ( 370657.0, 3810476.0,       0.0,       0.0,       0.0);         ( 370692.8,
3810573.5,       0.0,       0.0,       0.0);
    ( 370657.4, 3810594.4,       0.0,       0.0,       0.0);         ( 370622.0,
3810615.3,       0.0,       0.0,       0.0);
    ( 370586.6, 3810636.1,       0.0,       0.0,       0.0);         ( 370551.1,
3810657.0,       0.0,       0.0,       0.0);
    ( 370515.7, 3810677.9,       0.0,       0.0,       0.0);         ( 370725.7,
3810548.7,       0.0,       0.0,       0.0);
    ( 370339.7, 3810134.9,       0.0,       0.0,       0.0);         ( 370363.1,
3810132.4,       0.0,       0.0,       0.0);
    ( 370389.1, 3810154.7,       0.0,       0.0,       0.0);         ( 370391.8,
3810179.5,       0.0,       0.0,       0.0);
    ( 370415.2, 3810177.0,       0.0,       0.0,       0.0);         ( 370438.5,
3810174.4,       0.0,       0.0,       0.0);
    ( 370417.9, 3810201.8,       0.0,       0.0,       0.0);         ( 370441.2,
3810199.3,       0.0,       0.0,       0.0);
    ( 370405.3, 3810303.8,       0.0,       0.0,       0.0);         ( 370452.0,
3810298.7,       0.0,       0.0,       0.0);
    ( 370439.5, 3810400.7,       0.0,       0.0,       0.0);         ( 370462.8,
3810398.1,       0.0,       0.0,       0.0);
    ( 370450.3, 3810500.1,       0.0,       0.0,       0.0);         ( 370473.6,
3810497.5,       0.0,       0.0,       0.0);
    ( 370484.4, 3810597.0,       0.0,       0.0,       0.0);         ( 370469.8,
3810120.8,       0.0,       0.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370488.5, 3810294.8, 0.0, 0.0, 0.0); (370499.2, 3810394.2, 0.0, 0.0, 0.0);
(370509.9, 3810493.6, 0.0, 0.0, 0.0); (370520.6, 3810593.1, 0.0, 0.0, 0.0);
(370549.6, 3810690.5, 0.0, 0.0, 0.0); (370336.4, 3810228.2, 0.0, 0.0, 0.0);
(370169.7, 3810339.6, 0.0, 0.0, 0.0); (370090.8, 3810401.0, 0.0, 0.0, 0.0);
(370029.6, 3810485.2, 0.0, 0.0, 0.0); (370526.9, 3810167.6, 0.0, 0.0, 0.0);
(370500.7, 3810191.8, 0.0, 0.0, 0.0); (370526.0, 3810192.6, 0.0, 0.0, 0.0);
(370499.8, 3810216.8, 0.0, 0.0, 0.0); (370525.2, 3810217.6, 0.0, 0.0, 0.0);
(370399.3, 3810267.1, 0.0, 0.0, 0.0); (370377.7, 3810256.1, 0.0, 0.0, 0.0);
(370356.1, 3810245.1, 0.0, 0.0, 0.0); (370496.5, 3810316.7, 0.0, 0.0, 0.0);
(370521.9, 3810317.5, 0.0, 0.0, 0.0); (370482.3, 3810411.1, 0.0, 0.0, 0.0);
(370396.0, 3810367.1, 0.0, 0.0, 0.0); (370374.4, 3810356.1, 0.0, 0.0, 0.0);
(370352.8, 3810345.1, 0.0, 0.0, 0.0); (370277.2, 3810306.5, 0.0, 0.0, 0.0);
(370400.2, 3810470.9, 0.0, 0.0, 0.0); (370377.8, 3810459.5, 0.0, 0.0, 0.0);
(370355.4, 3810448.1, 0.0, 0.0, 0.0); (370299.4, 3810419.5, 0.0, 0.0, 0.0);
(370277.0, 3810408.1, 0.0, 0.0, 0.0); (370489.8, 3810516.6, 0.0, 0.0, 0.0);
(370397.5, 3810571.2, 0.0, 0.0, 0.0); (370375.3, 3810559.9, 0.0, 0.0, 0.0);
(370353.1, 3810548.5, 0.0, 0.0, 0.0); (370308.6, 3810525.8, 0.0, 0.0, 0.0);
(370286.4, 3810514.5, 0.0, 0.0, 0.0); (370253.0, 3810497.5, 0.0, 0.0, 0.0);

```
     ( 370499.1, 3810616.9,       0.0,       0.0,       0.0);         ( 370394.6,
3810671.4,       0.0,       0.0,       0.0);
     ( 370372.5, 3810660.1,       0.0,       0.0,       0.0);         ( 370350.4,
3810648.8,       0.0,       0.0,       0.0);
     ( 370295.1, 3810620.6,       0.0,       0.0,       0.0);         ( 370273.0,
3810609.3,       0.0,       0.0,       0.0);
     ( 370162.3, 3810552.9,       0.0,       0.0,       0.0);         ( 370140.2,
3810541.6,       0.0,       0.0,       0.0);
     ( 370118.1, 3810530.4,       0.0,       0.0,       0.0);         ( 370096.0,
3810519.1,       0.0,       0.0,       0.0);
     ( 370073.9, 3810507.8,       0.0,       0.0,       0.0);         ( 370495.8,
3810716.9,       0.0,       0.0,       0.0);
     ( 370547.9, 3810133.5,       0.0,       0.0,       0.0);         ( 370567.3,
3810109.8,       0.0,       0.0,       0.0);
     ( 370586.7, 3810125.7,       0.0,       0.0,       0.0);         ( 370548.3,
3810188.2,       0.0,       0.0,       0.0);
     ( 370593.8, 3810190.3,       0.0,       0.0,       0.0);         ( 370554.9,
3810211.7,       0.0,       0.0,       0.0);
     ( 370671.1, 3810253.8,       0.0,       0.0,       0.0);         ( 370635.0,
3810281.5,       0.0,       0.0,       0.0);
     ( 370596.1, 3810302.8,       0.0,       0.0,       0.0);         ( 370566.4,
3810308.7,       0.0,       0.0,       0.0);
     ( 370692.8, 3810232.8,       0.0,       0.0,       0.0);         ( 370748.4,
3810317.3,       0.0,       0.0,       0.0);
     ( 370724.3, 3810335.7,       0.0,       0.0,       0.0);         ( 370700.3,
3810354.1,       0.0,       0.0,       0.0);
     ( 370676.2, 3810372.6,       0.0,       0.0,       0.0);         ( 370637.3,
3810393.9,       0.0,       0.0,       0.0);
     ( 370770.1, 3810296.2,       0.0,       0.0,       0.0);         ( 370825.6,
3810380.8,       0.0,       0.0,       0.0);
     ( 370801.6, 3810399.2,       0.0,       0.0,       0.0);         ( 370777.5,
3810417.6,       0.0,       0.0,       0.0);
     ( 370753.5, 3810436.0,       0.0,       0.0,       0.0);         ( 370729.5,
3810454.5,       0.0,       0.0,       0.0);
     ( 370705.4, 3810472.9,       0.0,       0.0,       0.0);         ( 370678.6,
3810485.0,       0.0,       0.0,       0.0);
     ( 370530.0, 3810514.5,       0.0,       0.0,       0.0);         ( 370847.4,
3810359.7,       0.0,       0.0,       0.0);
     ( 370902.9, 3810444.2,       0.0,       0.0,       0.0);         ( 370878.9,
3810462.7,       0.0,       0.0,       0.0);
     ( 370854.8, 3810481.1,       0.0,       0.0,       0.0);         ( 370830.8,
3810499.5,       0.0,       0.0,       0.0);
     ( 370806.8, 3810517.9,       0.0,       0.0,       0.0);         ( 370782.7,
3810536.4,       0.0,       0.0,       0.0);
     ( 370758.7, 3810554.8,       0.0,       0.0,       0.0);         ( 370719.8,
3810576.2,       0.0,       0.0,       0.0);
     ( 370924.6, 3810423.2,       0.0,       0.0,       0.0);         ( 370980.2,
3810507.7,       0.0,       0.0,       0.0);
     ( 370956.1, 3810526.1,       0.0,       0.0,       0.0);         ( 370932.1,
3810544.6,       0.0,       0.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370811.9, 3810636.7, 0.0, 0.0, 0.0); (370787.9, 3810655.1, 0.0, 0.0, 0.0);
(370761.0, 3810667.3, 0.0, 0.0, 0.0); (370731.3, 3810673.2, 0.0, 0.0, 0.0);
(370701.6, 3810679.0, 0.0, 0.0, 0.0); (370671.9, 3810684.9, 0.0, 0.0, 0.0);
(370642.2, 3810690.8, 0.0, 0.0, 0.0); (370612.5, 3810696.7, 0.0, 0.0, 0.0);
(370582.8, 3810702.6, 0.0, 0.0, 0.0); (370538.2, 3810711.4, 0.0, 0.0, 0.0);
(371001.9, 3810486.7, 0.0, 0.0, 0.0); (370553.8, 3810393.9, 0.0, 0.0, 0.0);
(370555.8, 3810493.9, 0.0, 0.0, 0.0); (370557.7, 3810593.9, 0.0, 0.0, 0.0);
(370620.5, 3810108.0, 0.0, 0.0, 0.0); (370657.8, 3810092.0, 0.0, 0.0, 0.0);
(370630.5, 3810131.0, 0.0, 0.0, 0.0); (370667.7, 3810114.9, 0.0, 0.0, 0.0);
(370659.0, 3810145.9, 0.0, 0.0, 0.0); (370696.2, 3810129.8, 0.0, 0.0, 0.0);
(370631.7, 3810184.9, 0.0, 0.0, 0.0); (370668.9, 3810168.8, 0.0, 0.0, 0.0);
(370706.1, 3810152.8, 0.0, 0.0, 0.0); (370671.3, 3810276.7, 0.0, 0.0, 0.0);
(370708.5, 3810260.7, 0.0, 0.0, 0.0); (370745.8, 3810244.6, 0.0, 0.0, 0.0);
(370729.6, 3810360.5, 0.0, 0.0, 0.0); (370766.8, 3810344.4, 0.0, 0.0, 0.0);
(370769.2, 3810452.3, 0.0, 0.0, 0.0); (370806.4, 3810436.2, 0.0, 0.0, 0.0);
(370808.8, 3810544.1, 0.0, 0.0, 0.0); (370846.1, 3810528.0, 0.0, 0.0, 0.0);
(370867.1, 3810627.9, 0.0, 0.0, 0.0); (370904.3, 3810611.8, 0.0, 0.0, 0.0);

```
    ( 370683.3, 3810079.4,       0.0,       0.0,       0.0);         ( 370701.6,
3810062.7,       0.0,       0.0,       0.0);
    ( 370719.9, 3810046.1,       0.0,       0.0,       0.0);         ( 370738.1,
3810029.4,       0.0,       0.0,       0.0);
    ( 370756.4, 3810012.7,       0.0,       0.0,       0.0);         ( 370774.7,
3809996.0,       0.0,       0.0,       0.0);
    ( 370700.2, 3810097.9,       0.0,       0.0,       0.0);         ( 370718.5,
3810081.2,       0.0,       0.0,       0.0);
    ( 370736.7, 3810064.5,       0.0,       0.0,       0.0);         ( 370755.0,
3810047.8,       0.0,       0.0,       0.0);
    ( 370773.3, 3810031.1,       0.0,       0.0,       0.0);         ( 370791.5,
3810014.5,       0.0,       0.0,       0.0);
    ( 370717.1, 3810116.3,       0.0,       0.0,       0.0);         ( 370735.3,
3810099.7,       0.0,       0.0,       0.0);
    ( 370753.6, 3810083.0,       0.0,       0.0,       0.0);         ( 370771.9,
3810066.3,       0.0,       0.0,       0.0);
    ( 370790.1, 3810049.6,       0.0,       0.0,       0.0);         ( 370808.4,
3810032.9,       0.0,       0.0,       0.0);
    ( 370733.9, 3810134.8,       0.0,       0.0,       0.0);         ( 370752.2,
3810118.1,       0.0,       0.0,       0.0);
    ( 370770.5, 3810101.4,       0.0,       0.0,       0.0);         ( 370788.7,
3810084.7,       0.0,       0.0,       0.0);
    ( 370807.0, 3810068.1,       0.0,       0.0,       0.0);         ( 370825.3,
3810051.4,       0.0,       0.0,       0.0);
    ( 370782.8, 3810220.6,       0.0,       0.0,       0.0);         ( 370819.6,
3810191.9,       0.0,       0.0,       0.0);
    ( 370837.9, 3810175.3,       0.0,       0.0,       0.0);         ( 370856.2,
3810158.6,       0.0,       0.0,       0.0);
    ( 370874.4, 3810141.9,       0.0,       0.0,       0.0);         ( 370892.7,
3810125.2,       0.0,       0.0,       0.0);
    ( 370852.1, 3810293.2,       0.0,       0.0,       0.0);         ( 370818.8,
3810314.8,       0.0,       0.0,       0.0);
    ( 370887.1, 3810265.8,       0.0,       0.0,       0.0);         ( 370905.3,
3810249.1,       0.0,       0.0,       0.0);
    ( 370923.6, 3810232.4,       0.0,       0.0,       0.0);         ( 370941.9,
3810215.7,       0.0,       0.0,       0.0);
    ( 370960.1, 3810199.0,       0.0,       0.0,       0.0);         ( 370917.7,
3810368.3,       0.0,       0.0,       0.0);
    ( 370880.6, 3810392.2,       0.0,       0.0,       0.0);         ( 370843.6,
3810416.2,       0.0,       0.0,       0.0);
    ( 370954.5, 3810339.6,       0.0,       0.0,       0.0);         ( 370972.8,
3810322.9,       0.0,       0.0,       0.0);
    ( 370991.1, 3810306.2,       0.0,       0.0,       0.0);         ( 371009.3,
3810289.5,       0.0,       0.0,       0.0);
    ( 371027.6, 3810272.9,       0.0,       0.0,       0.0);         ( 370983.8,
3810443.0,       0.0,       0.0,       0.0);
    ( 370964.0, 3810455.8,       0.0,       0.0,       0.0);         ( 370944.1,
3810468.6,       0.0,       0.0,       0.0);
    ( 370924.3, 3810481.5,       0.0,       0.0,       0.0);         ( 370904.4,
3810494.3,       0.0,       0.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371095.0, 3810346.7, 0.0, 0.0, 0.0); (371052.6, 3810515.9, 0.0, 0.0, 0.0);
(371015.5, 3810539.9, 0.0, 0.0, 0.0); (370978.5, 3810563.9, 0.0, 0.0, 0.0);
(370941.4, 3810587.8, 0.0, 0.0, 0.0); (371089.4, 3810487.3, 0.0, 0.0, 0.0);
(371107.7, 3810470.6, 0.0, 0.0, 0.0); (371126.0, 3810453.9, 0.0, 0.0, 0.0);
(371144.2, 3810437.2, 0.0, 0.0, 0.0); (371162.5, 3810420.5, 0.0, 0.0, 0.0);
(370823.6, 3810014.7, 0.0, 0.0, 0.0); (370847.0, 3810018.9, 0.0, 0.0, 0.0);
(370870.4, 3810023.1, 0.0, 0.0, 0.0); (370893.8, 3810027.3, 0.0, 0.0, 0.0);
(370917.2, 3810031.4, 0.0, 0.0, 0.0); (370940.7, 3810035.6, 0.0, 0.0, 0.0);
(370964.1, 3810039.8, 0.0, 0.0, 0.0); (370987.5, 3810044.0, 0.0, 0.0, 0.0);
(371010.9, 3810048.2, 0.0, 0.0, 0.0); (370866.0, 3810047.7, 0.0, 0.0, 0.0);
(370889.5, 3810051.9, 0.0, 0.0, 0.0); (370912.9, 3810056.0, 0.0, 0.0, 0.0);
(370936.3, 3810060.2, 0.0, 0.0, 0.0); (370959.7, 3810064.4, 0.0, 0.0, 0.0);
(370983.1, 3810068.6, 0.0, 0.0, 0.0); (371006.5, 3810072.8, 0.0, 0.0, 0.0);
(370861.6, 3810072.3, 0.0, 0.0, 0.0); (370885.0, 3810076.5, 0.0, 0.0, 0.0);
(370908.5, 3810080.7, 0.0, 0.0, 0.0); (370931.9, 3810084.8, 0.0, 0.0, 0.0);
(370955.3, 3810089.0, 0.0, 0.0, 0.0); (370978.7, 3810093.2, 0.0, 0.0, 0.0);

```
    ( 371002.1, 3810097.4,       0.0,       0.0,       0.0);         ( 370833.8,
3810092.7,       0.0,       0.0,       0.0);
    ( 370857.2, 3810096.9,       0.0,       0.0,       0.0);         ( 370880.6,
3810101.1,       0.0,       0.0,       0.0);
    ( 370904.1, 3810105.3,       0.0,       0.0,       0.0);         ( 370927.5,
3810109.5,       0.0,       0.0,       0.0);
    ( 370950.9, 3810113.6,       0.0,       0.0,       0.0);         ( 370974.3,
3810117.8,       0.0,       0.0,       0.0);
    ( 370997.7, 3810122.0,       0.0,       0.0,       0.0);         ( 370722.6,
3810174.4,       0.0,       0.0,       0.0);
    ( 370746.0, 3810178.6,       0.0,       0.0,       0.0);         ( 370769.4,
3810182.8,       0.0,       0.0,       0.0);
    ( 370792.8, 3810187.0,       0.0,       0.0,       0.0);         ( 370863.0,
3810199.5,       0.0,       0.0,       0.0);
    ( 370886.5, 3810203.7,       0.0,       0.0,       0.0);         ( 370909.9,
3810207.9,       0.0,       0.0,       0.0);
    ( 370980.1, 3810220.4,       0.0,       0.0,       0.0);         ( 370728.4,
3810277.0,       0.0,       0.0,       0.0);
    ( 370751.8, 3810281.2,       0.0,       0.0,       0.0);         ( 370798.6,
3810289.6,       0.0,       0.0,       0.0);
    ( 370892.3, 3810306.3,       0.0,       0.0,       0.0);         ( 370915.7,
3810310.5,       0.0,       0.0,       0.0);
    ( 370939.1, 3810314.7,       0.0,       0.0,       0.0);         ( 370710.8,
3810375.5,       0.0,       0.0,       0.0);
    ( 370757.6, 3810383.8,       0.0,       0.0,       0.0);         ( 370781.0,
3810388.0,       0.0,       0.0,       0.0);
    ( 370898.1, 3810409.0,       0.0,       0.0,       0.0);         ( 370740.0,
3810482.3,       0.0,       0.0,       0.0);
    ( 370763.4, 3810486.5,       0.0,       0.0,       0.0);         ( 370786.8,
3810490.7,       0.0,       0.0,       0.0);
    ( 370927.3, 3810515.8,       0.0,       0.0,       0.0);         ( 370745.8,
3810584.9,       0.0,       0.0,       0.0);
    ( 370769.2, 3810589.1,       0.0,       0.0,       0.0);         ( 370792.7,
3810593.3,       0.0,       0.0,       0.0);
    ( 370816.1, 3810597.5,       0.0,       0.0,       0.0);         ( 371046.6,
3810082.6,       0.0,       0.0,       0.0);
    ( 371071.1, 3810084.3,       0.0,       0.0,       0.0);         ( 371095.5,
3810086.0,       0.0,       0.0,       0.0);
    ( 371120.0, 3810087.8,       0.0,       0.0,       0.0);         ( 371144.4,
3810089.5,       0.0,       0.0,       0.0);
    ( 371044.8, 3810107.5,       0.0,       0.0,       0.0);         ( 371069.3,
3810109.3,       0.0,       0.0,       0.0);
    ( 371093.8, 3810111.0,       0.0,       0.0,       0.0);         ( 371118.2,
3810112.7,       0.0,       0.0,       0.0);
    ( 371142.7, 3810114.4,       0.0,       0.0,       0.0);         ( 371018.6,
3810130.7,       0.0,       0.0,       0.0);
    ( 371043.1, 3810132.5,       0.0,       0.0,       0.0);         ( 371067.5,
3810134.2,       0.0,       0.0,       0.0);
    ( 371092.0, 3810135.9,       0.0,       0.0,       0.0);         ( 371116.4,
3810137.7,       0.0,       0.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370964.5, 3810237.3, 0.0, 0.0, 0.0); (370843.8, 3810128.0, 0.0, 0.0, 0.0);
(371009.8, 3810255.4, 0.0, 0.0, 0.0); (371058.7, 3810258.9, 0.0, 0.0, 0.0);
(371083.2, 3810260.6, 0.0, 0.0, 0.0); (371107.6, 3810262.3, 0.0, 0.0, 0.0);
(371132.1, 3810264.1, 0.0, 0.0, 0.0); (370981.5, 3810346.7, 0.0, 0.0, 0.0);
(370820.5, 3810268.0, 0.0, 0.0, 0.0); (370808.2, 3810248.7, 0.0, 0.0, 0.0);
(371002.8, 3810355.2, 0.0, 0.0, 0.0); (371027.2, 3810356.9, 0.0, 0.0, 0.0);
(371125.0, 3810363.8, 0.0, 0.0, 0.0); (370950.4, 3810436.8, 0.0, 0.0, 0.0);
(370729.6, 3810302.7, 0.0, 0.0, 0.0); (370663.8, 3810200.1, 0.0, 0.0, 0.0);
(371020.2, 3810456.7, 0.0, 0.0, 0.0); (371044.6, 3810458.4, 0.0, 0.0, 0.0);
(371069.1, 3810460.1, 0.0, 0.0, 0.0); (370692.8, 3810421.7, 0.0, 0.0, 0.0);
(370680.2, 3810401.9, 0.0, 0.0, 0.0); (370629.5, 3810323.0, 0.0, 0.0, 0.0);
(371037.6, 3810558.1, 0.0, 0.0, 0.0); (371062.0, 3810559.9, 0.0, 0.0, 0.0);
(371086.5, 3810561.6, 0.0, 0.0, 0.0); (371110.9, 3810563.3, 0.0, 0.0, 0.0);
(370959.0, 3810645.4, 0.0, 0.0, 0.0); (370936.3, 3810636.3, 0.0, 0.0, 0.0);
(370687.1, 3810536.7, 0.0, 0.0, 0.0); (370664.5, 3810527.6, 0.0, 0.0, 0.0);

```
     ( 370589.1, 3810436.4,       0.0,       0.0,       0.0);         ( 370483.7,
3810272.1,       0.0,       0.0,       0.0);
     ( 370981.6, 3810654.4,       0.0,       0.0,       0.0);         ( 371006.1,
3810656.2,       0.0,       0.0,       0.0);
     ( 371030.5, 3810657.9,       0.0,       0.0,       0.0);         ( 371055.0,
3810659.6,       0.0,       0.0,       0.0);
     ( 371079.4, 3810661.3,       0.0,       0.0,       0.0);         ( 371103.9,
3810663.1,       0.0,       0.0,       0.0);
     ( 371167.5, 3810080.6,       0.0,       0.0,       0.0);         ( 371165.5,
3810108.7,       0.0,       0.0,       0.0);
     ( 371178.9, 3810129.8,       0.0,       0.0,       0.0);         ( 371191.2,
3810151.1,       0.0,       0.0,       0.0);
     ( 371165.2, 3810157.7,       0.0,       0.0,       0.0);         ( 371245.0,
3810235.4,       0.0,       0.0,       0.0);
     ( 371218.9, 3810242.0,       0.0,       0.0,       0.0);         ( 371192.9,
3810248.7,       0.0,       0.0,       0.0);
     ( 371166.8, 3810255.3,       0.0,       0.0,       0.0);         ( 371298.7,
3810319.8,       0.0,       0.0,       0.0);
     ( 371272.6, 3810326.4,       0.0,       0.0,       0.0);         ( 371246.6,
3810333.0,       0.0,       0.0,       0.0);
     ( 371220.5, 3810339.6,       0.0,       0.0,       0.0);         ( 371194.5,
3810346.2,       0.0,       0.0,       0.0);
     ( 371168.5, 3810352.8,       0.0,       0.0,       0.0);         ( 371352.1,
3810404.2,       0.0,       0.0,       0.0);
     ( 371325.1, 3810411.0,       0.0,       0.0,       0.0);         ( 371298.1,
3810417.9,       0.0,       0.0,       0.0);
     ( 371271.1, 3810424.8,       0.0,       0.0,       0.0);         ( 371244.1,
3810431.6,       0.0,       0.0,       0.0);
     ( 371217.0, 3810438.4,       0.0,       0.0,       0.0);         ( 371190.0,
3810445.3,       0.0,       0.0,       0.0);
     ( 371163.0, 3810452.2,       0.0,       0.0,       0.0);         ( 371405.9,
3810488.5,       0.0,       0.0,       0.0);
     ( 371379.1, 3810495.3,       0.0,       0.0,       0.0);         ( 371352.3,
3810502.1,       0.0,       0.0,       0.0);
     ( 371325.5, 3810508.9,       0.0,       0.0,       0.0);         ( 371298.6,
3810515.7,       0.0,       0.0,       0.0);
     ( 371271.8, 3810522.5,       0.0,       0.0,       0.0);         ( 371245.0,
3810529.3,       0.0,       0.0,       0.0);
     ( 371218.2, 3810536.1,       0.0,       0.0,       0.0);         ( 371191.4,
3810542.9,       0.0,       0.0,       0.0);
     ( 371164.6, 3810549.7,       0.0,       0.0,       0.0);         ( 371137.8,
3810556.5,       0.0,       0.0,       0.0);
     ( 371459.7, 3810572.8,       0.0,       0.0,       0.0);         ( 371433.0,
3810579.6,       0.0,       0.0,       0.0);
     ( 371406.3, 3810586.4,       0.0,       0.0,       0.0);         ( 371379.6,
3810593.1,       0.0,       0.0,       0.0);
     ( 371353.0, 3810599.9,       0.0,       0.0,       0.0);         ( 371326.3,
3810606.7,       0.0,       0.0,       0.0);
     ( 371299.6, 3810613.4,       0.0,       0.0,       0.0);         ( 371272.9,
3810620.2,       0.0,       0.0,       0.0);
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```
     ( 371246.2, 3810627.0,       0.0,       0.0,       0.0);         ( 371219.5,
3810633.8,       0.0,       0.0,       0.0);
     ( 371192.8, 3810640.5,       0.0,       0.0,       0.0);         ( 371166.1,
3810647.3,       0.0,       0.0,       0.0);
     ( 371139.5, 3810654.0,       0.0,       0.0,       0.0);         ( 371179.1,
3810059.5,       0.0,       0.0,       0.0);
     ( 371201.0, 3810071.5,       0.0,       0.0,       0.0);         ( 371189.4,
3810092.6,       0.0,       0.0,       0.0);
     ( 371204.1, 3810042.3,       0.0,       0.0,       0.0);         ( 371226.0,
3810071.5,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***    ***
                       ***        22:32:04

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371211.4, 3810104.7,       0.0,       0.0,       0.0);         ( 371229.1,
3810042.3,       0.0,       0.0,       0.0);
     ( 371250.0, 3810075.6,       0.0,       0.0,       0.0);         ( 371230.5,
3810119.7,       0.0,       0.0,       0.0);
     ( 371254.1, 3810042.3,       0.0,       0.0,       0.0);         ( 371350.0,
3810075.6,       0.0,       0.0,       0.0);
     ( 371341.8, 3810107.6,       0.0,       0.0,       0.0);         ( 371333.5,
3810139.7,       0.0,       0.0,       0.0);
     ( 371318.1, 3810167.8,       0.0,       0.0,       0.0);         ( 371295.5,
3810192.0,       0.0,       0.0,       0.0);
     ( 371272.9, 3810216.1,       0.0,       0.0,       0.0);         ( 371354.1,
3810042.3,       0.0,       0.0,       0.0);
     ( 371450.0, 3810075.6,       0.0,       0.0,       0.0);         ( 371441.8,
3810107.6,       0.0,       0.0,       0.0);
     ( 371433.5, 3810139.7,       0.0,       0.0,       0.0);         ( 371425.3,
3810171.8,       0.0,       0.0,       0.0);
     ( 371405.8, 3810215.9,       0.0,       0.0,       0.0);         ( 371383.2,
3810240.1,       0.0,       0.0,       0.0);
     ( 371360.5, 3810264.2,       0.0,       0.0,       0.0);         ( 371337.9,
3810288.4,       0.0,       0.0,       0.0);
     ( 371454.1, 3810042.3,       0.0,       0.0,       0.0);         ( 371550.0,
3810075.6,       0.0,       0.0,       0.0);
     ( 371541.8, 3810107.6,       0.0,       0.0,       0.0);         ( 371533.5,
3810139.7,       0.0,       0.0,       0.0);
     ( 371525.3, 3810171.8,       0.0,       0.0,       0.0);         ( 371517.1,
3810203.8,       0.0,       0.0,       0.0);
     ( 371508.9, 3810235.9,       0.0,       0.0,       0.0);         ( 371493.5,
3810264.0,       0.0,       0.0,       0.0);
```

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    ( 371470.8, 3810288.1,       0.0,       0.0,       0.0);         ( 371448.2,
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    ( 371425.6, 3810336.5,       0.0,       0.0,       0.0);         ( 371403.0,
3810360.6,       0.0,       0.0,       0.0);
    ( 371380.3, 3810384.8,       0.0,       0.0,       0.0);         ( 371554.1,
3810042.3,       0.0,       0.0,       0.0);
    ( 371650.0, 3810075.6,       0.0,       0.0,       0.0);         ( 371641.8,
3810107.6,       0.0,       0.0,       0.0);
    ( 371633.5, 3810139.7,       0.0,       0.0,       0.0);         ( 371625.3,
3810171.8,       0.0,       0.0,       0.0);
    ( 371617.1, 3810203.8,       0.0,       0.0,       0.0);         ( 371608.9,
3810235.9,       0.0,       0.0,       0.0);
    ( 371600.7, 3810267.9,       0.0,       0.0,       0.0);         ( 371581.1,
3810312.1,       0.0,       0.0,       0.0);
    ( 371558.5, 3810336.2,       0.0,       0.0,       0.0);         ( 371535.9,
3810360.4,       0.0,       0.0,       0.0);
    ( 371513.3, 3810384.6,       0.0,       0.0,       0.0);         ( 371490.6,
3810408.7,       0.0,       0.0,       0.0);
    ( 371468.0, 3810432.9,       0.0,       0.0,       0.0);         ( 371445.4,
3810457.0,       0.0,       0.0,       0.0);
    ( 371654.1, 3810042.3,       0.0,       0.0,       0.0);         ( 371750.0,
3810075.6,       0.0,       0.0,       0.0);
    ( 371741.8, 3810107.6,       0.0,       0.0,       0.0);         ( 371733.5,
3810139.7,       0.0,       0.0,       0.0);
    ( 371725.3, 3810171.8,       0.0,       0.0,       0.0);         ( 371717.1,
3810203.8,       0.0,       0.0,       0.0);
    ( 371708.9, 3810235.9,       0.0,       0.0,       0.0);         ( 371700.7,
3810267.9,       0.0,       0.0,       0.0);
    ( 371692.5, 3810300.0,       0.0,       0.0,       0.0);         ( 371684.2,
3810332.1,       0.0,       0.0,       0.0);
    ( 371668.8, 3810360.2,       0.0,       0.0,       0.0);         ( 371646.2,
3810384.3,       0.0,       0.0,       0.0);
    ( 371623.6, 3810408.5,       0.0,       0.0,       0.0);         ( 371601.0,
3810432.7,       0.0,       0.0,       0.0);
    ( 371578.3, 3810456.8,       0.0,       0.0,       0.0);         ( 371555.7,
3810481.0,       0.0,       0.0,       0.0);
    ( 371533.1, 3810505.1,       0.0,       0.0,       0.0);         ( 371510.4,
3810529.3,       0.0,       0.0,       0.0);
    ( 371487.8, 3810553.5,       0.0,       0.0,       0.0);         ( 371754.1,
3810042.3,       0.0,       0.0,       0.0);
    ( 371146.6, 3810066.1,       0.0,       0.0,       0.0);         ( 371094.3,
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    ( 371064.5, 3810328.6,       0.0,       0.0,       0.0);         ( 371046.1,
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    ( 371004.7, 3810519.4,       0.0,       0.0,       0.0);         ( 370974.8,
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3810435.1,       0.0,       0.0,       0.0);
    ( 371100.8, 3810441.6,       0.0,       0.0,       0.0);         ( 371064.1,
3810535.7,       0.0,       0.0,       0.0);
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(371249.0, 3809919.6, 0.0, 0.0, 0.0); (371250.1, 3809897.1, 0.0, 0.0, 0.0);
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(371274.0, 3809920.8, 0.0, 0.0, 0.0); (371275.0, 3809898.3, 0.0, 0.0, 0.0);
(371282.9, 3810075.7, 0.0, 0.0, 0.0); (371263.1, 3810113.3, 0.0, 0.0, 0.0);
(371211.5, 3810140.9, 0.0, 0.0, 0.0); (371293.8, 3810034.4, 0.0, 0.0, 0.0);
(371294.9, 3810011.9, 0.0, 0.0, 0.0); (371295.9, 3809989.4, 0.0, 0.0, 0.0);
(371296.9, 3809966.9, 0.0, 0.0, 0.0); (371298.0, 3809944.4, 0.0, 0.0, 0.0);
(371299.0, 3809921.9, 0.0, 0.0, 0.0); (371300.0, 3809899.4, 0.0, 0.0, 0.0);
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(371323.3, 3810193.2, 0.0, 0.0, 0.0); (371393.7, 3810039.0, 0.0, 0.0, 0.0);
(371394.8, 3810016.5, 0.0, 0.0, 0.0); (371395.8, 3809994.0, 0.0, 0.0, 0.0);
(371396.8, 3809971.5, 0.0, 0.0, 0.0); (371397.8, 3809949.0, 0.0, 0.0, 0.0);

```
    ( 371398.9, 3809926.5,       0.0,       0.0,       0.0);         ( 371399.9,
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    ( 371482.7, 3810084.8,       0.0,       0.0,       0.0);         ( 371462.9,
3810122.5,       0.0,       0.0,       0.0);
    ( 371423.2, 3810197.7,       0.0,       0.0,       0.0);         ( 371383.5,
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    ( 371144.6, 3810339.9,       0.0,       0.0,       0.0);         ( 371493.6,
3810043.5,       0.0,       0.0,       0.0);
    ( 371494.7, 3810021.0,       0.0,       0.0,       0.0);         ( 371495.7,
3809998.5,       0.0,       0.0,       0.0);
    ( 371496.7, 3809976.0,       0.0,       0.0,       0.0);         ( 371497.7,
3809953.5,       0.0,       0.0,       0.0);
    ( 371498.8, 3809931.0,       0.0,       0.0,       0.0);         ( 371499.8,
3809908.5,       0.0,       0.0,       0.0);
    ( 371582.6, 3810089.4,       0.0,       0.0,       0.0);         ( 371562.8,
3810127.0,       0.0,       0.0,       0.0);
    ( 371443.8, 3810352.8,       0.0,       0.0,       0.0);         ( 371225.7,
3810415.4,       0.0,       0.0,       0.0);
    ( 371593.5, 3810048.1,       0.0,       0.0,       0.0);         ( 371594.6,
3810025.6,       0.0,       0.0,       0.0);
    ( 371595.6, 3810003.1,       0.0,       0.0,       0.0);         ( 371596.6,
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    ( 371597.6, 3809958.1,       0.0,       0.0,       0.0);         ( 371598.7,
3809935.6,       0.0,       0.0,       0.0);
    ( 371599.7, 3809913.1,       0.0,       0.0,       0.0);         ( 371682.0,
3810094.9,       0.0,       0.0,       0.0);
    ( 371661.1, 3810134.6,       0.0,       0.0,       0.0);         ( 371514.9,
3810411.9,       0.0,       0.0,       0.0);
    ( 371504.5, 3810431.7,       0.0,       0.0,       0.0);         ( 371472.1,
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    ( 371362.6, 3810479.1,       0.0,       0.0,       0.0);         ( 371296.8,
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3810511.3,       0.0,       0.0,       0.0);
    ( 371165.4, 3810520.5,       0.0,       0.0,       0.0);         ( 371121.6,
3810529.7,       0.0,       0.0,       0.0);
    ( 371693.4, 3810052.6,       0.0,       0.0,       0.0);         ( 371694.5,
3810030.1,       0.0,       0.0,       0.0);
    ( 371695.5, 3810007.6,       0.0,       0.0,       0.0);         ( 371696.5,
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    ( 371697.5, 3809962.6,       0.0,       0.0,       0.0);         ( 371698.6,
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    ( 371699.6, 3809917.6,       0.0,       0.0,       0.0);         ( 371782.0,
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    ( 371761.2, 3810138.6,       0.0,       0.0,       0.0);         ( 371668.1,
3810315.3,       0.0,       0.0,       0.0);
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3810535.9,       0.0,       0.0,       0.0);
    ( 371445.7, 3810554.1,       0.0,       0.0,       0.0);         ( 371402.2,
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    ( 371571.9, 3809801.9,       0.0,       0.0,       0.0);         ( 371578.1,
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    ( 371584.2, 3809851.3,       0.0,       0.0,       0.0);         ( 371590.4,
3809876.0,       0.0,       0.0,       0.0);
    ( 371537.3, 3809679.2,       0.0,       0.0,       0.0);         ( 371633.3,
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    ( 371639.6, 3809677.6,       0.0,       0.0,       0.0);         ( 371645.9,
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    ( 371652.2, 3809728.1,       0.0,       0.0,       0.0);         ( 371658.5,
3809753.4,       0.0,       0.0,       0.0);
    ( 371664.8, 3809778.7,       0.0,       0.0,       0.0);         ( 371671.2,
3809803.9,       0.0,       0.0,       0.0);
    ( 371677.5, 3809829.2,       0.0,       0.0,       0.0);         ( 371683.8,
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    ( 371690.1, 3809879.7,       0.0,       0.0,       0.0);         ( 371623.3,
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    ( 371719.3, 3809601.5,       0.0,       0.0,       0.0);         ( 371725.7,
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    ( 371732.1, 3809652.8,       0.0,       0.0,       0.0);         ( 371738.5,
3809678.4,       0.0,       0.0,       0.0);
    ( 371745.0, 3809704.1,       0.0,       0.0,       0.0);         ( 371751.4,
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    ( 371757.8, 3809755.4,       0.0,       0.0,       0.0);         ( 371764.2,
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    ( 371770.6, 3809806.7,       0.0,       0.0,       0.0);         ( 371777.0,
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    ( 371783.5, 3809858.1,       0.0,       0.0,       0.0);         ( 371789.9,
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    ( 371709.3, 3809577.1,       0.0,       0.0,       0.0);         ( 371346.4,
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    ( 371426.4, 3810051.9,       0.0,       0.0,       0.0);         ( 371506.4,
3810111.9,       0.0,       0.0,       0.0);
    ( 371586.4, 3810171.9,       0.0,       0.0,       0.0);         ( 371666.3,
3810231.9,       0.0,       0.0,       0.0);
    ( 371225.4, 3809816.2,       0.0,       0.0,       0.0);         ( 371228.2,
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    ( 371230.9, 3809769.3,       0.0,       0.0,       0.0);         ( 371233.7,
3809745.8,       0.0,       0.0,       0.0);
    ( 371236.5, 3809722.3,       0.0,       0.0,       0.0);         ( 371250.2,
3809819.2,       0.0,       0.0,       0.0);
    ( 371253.0, 3809795.7,       0.0,       0.0,       0.0);         ( 371255.8,
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    ( 371258.5, 3809748.7,       0.0,       0.0,       0.0);         ( 371261.3,
3809725.2,       0.0,       0.0,       0.0);
    ( 371277.8, 3809798.6,       0.0,       0.0,       0.0);         ( 371280.6,
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    ( 371283.3, 3809751.6,       0.0,       0.0,       0.0);         ( 371286.1,
3809728.1,       0.0,       0.0,       0.0);
    ( 371302.7, 3809801.5,       0.0,       0.0,       0.0);         ( 371305.4,
3809778.0,       0.0,       0.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371549.4, 3810014.4, 0.0, 0.0, 0.0); (371532.2, 3810057.4, 0.0, 0.0, 0.0);
(371523.6, 3810078.9, 0.0, 0.0, 0.0); (371603.4, 3809813.0, 0.0, 0.0, 0.0);
(371606.1, 3809789.5, 0.0, 0.0, 0.0); (371608.9, 3809766.0, 0.0, 0.0, 0.0);
(371667.5, 3809979.0, 0.0, 0.0, 0.0); (371651.4, 3810019.4, 0.0, 0.0, 0.0);
(371627.2, 3810079.8, 0.0, 0.0, 0.0); (371611.1, 3810120.1, 0.0, 0.0, 0.0);
(371702.7, 3809824.6, 0.0, 0.0, 0.0); (371705.5, 3809801.1, 0.0, 0.0, 0.0);
(371708.2, 3809777.6, 0.0, 0.0, 0.0); (371774.4, 3809971.7, 0.0, 0.0, 0.0);
(371757.8, 3810013.2, 0.0, 0.0, 0.0); (371716.4, 3810116.8, 0.0, 0.0, 0.0);
(371699.8, 3810158.3, 0.0, 0.0, 0.0); (371683.3, 3810199.7, 0.0, 0.0, 0.0);
(371802.0, 3809836.3, 0.0, 0.0, 0.0); (371804.8, 3809812.8, 0.0, 0.0, 0.0);
(371807.5, 3809789.3, 0.0, 0.0, 0.0); (371241.6, 3809695.5, 0.0, 0.0, 0.0);

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    ( 371239.0, 3809652.8,       0.0,       0.0,       0.0);        ( 371236.3,
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    ( 371233.7, 3809567.5,       0.0,       0.0,       0.0);        ( 371266.6,
3809694.0,       0.0,       0.0,       0.0);
    ( 371263.9, 3809651.3,       0.0,       0.0,       0.0);        ( 371261.3,
3809608.6,       0.0,       0.0,       0.0);
    ( 371258.6, 3809566.0,       0.0,       0.0,       0.0);        ( 371291.5,
3809692.4,       0.0,       0.0,       0.0);
    ( 371288.9, 3809649.8,       0.0,       0.0,       0.0);        ( 371286.2,
3809607.1,       0.0,       0.0,       0.0);
    ( 371283.6, 3809564.4,       0.0,       0.0,       0.0);        ( 371315.3,
3809705.0,       0.0,       0.0,       0.0);
    ( 371315.1, 3809669.5,       0.0,       0.0,       0.0);        ( 371312.5,
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    ( 371309.9, 3809584.2,       0.0,       0.0,       0.0);        ( 371414.8,
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    ( 371415.0, 3809663.4,       0.0,       0.0,       0.0);        ( 371412.3,
3809620.7,       0.0,       0.0,       0.0);
    ( 371409.7, 3809578.0,       0.0,       0.0,       0.0);        ( 371514.4,
3809699.7,       0.0,       0.0,       0.0);
    ( 371514.8, 3809657.2,       0.0,       0.0,       0.0);        ( 371512.1,
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    ( 371509.5, 3809571.9,       0.0,       0.0,       0.0);        ( 371614.4,
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    ( 371611.4, 3809728.8,       0.0,       0.0,       0.0);        ( 371611.9,
3809608.3,       0.0,       0.0,       0.0);
    ( 371609.3, 3809565.7,       0.0,       0.0,       0.0);        ( 371714.1,
3809686.3,       0.0,       0.0,       0.0);
    ( 371710.8, 3809726.7,       0.0,       0.0,       0.0);        ( 371707.8,
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    ( 371813.8, 3809681.2,       0.0,       0.0,       0.0);        ( 371810.4,
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    ( 371807.0, 3809765.8,       0.0,       0.0,       0.0);        ( 371814.2,
3809638.7,       0.0,       0.0,       0.0);
    ( 371811.5, 3809596.0,       0.0,       0.0,       0.0);        ( 371808.9,
3809553.3,       0.0,       0.0,       0.0);
    ( 371220.4, 3809539.0,       0.0,       0.0,       0.0);        ( 371200.3,
3809503.5,       0.0,       0.0,       0.0);
    ( 371252.2, 3809544.4,       0.0,       0.0,       0.0);        ( 371232.1,
3809508.9,       0.0,       0.0,       0.0);
    ( 371274.0, 3809532.0,       0.0,       0.0,       0.0);        ( 371253.8,
3809496.6,       0.0,       0.0,       0.0);
    ( 371300.0, 3809534.1,       0.0,       0.0,       0.0);        ( 371285.6,
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    ( 371265.5, 3809466.5,       0.0,       0.0,       0.0);        ( 371387.8,
3809487.6,       0.0,       0.0,       0.0);
    ( 371398.1, 3809522.2,       0.0,       0.0,       0.0);        ( 371372.6,
3809452.6,       0.0,       0.0,       0.0);
    ( 371352.5, 3809417.1,       0.0,       0.0,       0.0);        ( 371475.2,
3809439.5,       0.0,       0.0,       0.0);
```

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     ( 371486.2, 3809476.5,       0.0,       0.0,       0.0);         ( 371497.2,
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     ( 371459.6, 3809403.2,       0.0,       0.0,       0.0);         ( 371439.5,
3809367.8,       0.0,       0.0,       0.0);
     ( 371562.3, 3809390.8,       0.0,       0.0,       0.0);         ( 371573.8,
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     ( 371585.2, 3809467.6,       0.0,       0.0,       0.0);         ( 371596.6,
3809506.0,       0.0,       0.0,       0.0);
     ( 371546.6, 3809353.9,       0.0,       0.0,       0.0);         ( 371526.4,
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     ( 371649.0, 3809340.3,       0.0,       0.0,       0.0);         ( 371659.6,
3809376.3,       0.0,       0.0,       0.0);
     ( 371670.3, 3809412.2,       0.0,       0.0,       0.0);         ( 371681.0,
3809448.2,       0.0,       0.0,       0.0);
     ( 371691.7, 3809484.2,       0.0,       0.0,       0.0);         ( 371633.5,
3809304.5,       0.0,       0.0,       0.0);
     ( 371613.4, 3809269.1,       0.0,       0.0,       0.0);         ( 371736.1,
3809291.4,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                 PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 371747.1, 3809328.4,       0.0,       0.0,       0.0);         ( 371758.1,
3809365.5,       0.0,       0.0,       0.0);
     ( 371769.1, 3809402.5,       0.0,       0.0,       0.0);         ( 371780.1,
3809439.5,       0.0,       0.0,       0.0);
     ( 371791.1, 3809476.5,       0.0,       0.0,       0.0);         ( 371802.1,
3809513.5,       0.0,       0.0,       0.0);
     ( 371720.5, 3809255.2,       0.0,       0.0,       0.0);         ( 371700.4,
3809219.7,       0.0,       0.0,       0.0);
     ( 371213.9, 3809479.6,       0.0,       0.0,       0.0);         ( 371372.0,
3809566.6,       0.0,       0.0,       0.0);
     ( 371468.7, 3809592.0,       0.0,       0.0,       0.0);         ( 371479.9,
3809549.5,       0.0,       0.0,       0.0);
     ( 371565.4, 3809617.5,       0.0,       0.0,       0.0);         ( 371576.6,
3809574.9,       0.0,       0.0,       0.0);
     ( 371662.1, 3809642.9,       0.0,       0.0,       0.0);         ( 371673.3,
3809600.3,       0.0,       0.0,       0.0);
     ( 371758.8, 3809668.3,       0.0,       0.0,       0.0);         ( 371770.0,
3809625.7,       0.0,       0.0,       0.0);
     ( 371231.9, 3809459.4,       0.0,       0.0,       0.0);         ( 371348.3,
3809595.1,       0.0,       0.0,       0.0);
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```
    ( 371438.8, 3809641.5,       0.0,       0.0,       0.0);        ( 371240.1,
3809428.5,       0.0,       0.0,       0.0);
    ( 371246.8, 3809388.7,       0.0,       0.0,       0.0);        ( 371264.7,
3809432.7,       0.0,       0.0,       0.0);
    ( 371271.5, 3809392.9,       0.0,       0.0,       0.0);        ( 371286.0,
3809456.7,       0.0,       0.0,       0.0);
    ( 371292.8, 3809417.0,       0.0,       0.0,       0.0);        ( 371299.5,
3809377.2,       0.0,       0.0,       0.0);
    ( 371304.2, 3809475.6,       0.0,       0.0,       0.0);        ( 371314.0,
3809441.0,       0.0,       0.0,       0.0);
    ( 371320.8, 3809401.3,       0.0,       0.0,       0.0);        ( 371409.2,
3809477.7,       0.0,       0.0,       0.0);
    ( 371416.0, 3809437.9,       0.0,       0.0,       0.0);        ( 371422.8,
3809398.2,       0.0,       0.0,       0.0);
    ( 371511.2, 3809474.6,       0.0,       0.0,       0.0);        ( 371518.0,
3809434.8,       0.0,       0.0,       0.0);
    ( 371598.7, 3809528.8,       0.0,       0.0,       0.0);        ( 371544.7,
3809652.5,       0.0,       0.0,       0.0);
    ( 371613.2, 3809471.4,       0.0,       0.0,       0.0);        ( 371619.9,
3809431.7,       0.0,       0.0,       0.0);
    ( 371688.9, 3809564.7,       0.0,       0.0,       0.0);        ( 371708.4,
3809508.1,       0.0,       0.0,       0.0);
    ( 371715.1, 3809468.3,       0.0,       0.0,       0.0);        ( 371788.2,
3809580.0,       0.0,       0.0,       0.0);
    ( 371813.7, 3809485.1,       0.0,       0.0,       0.0);        ( 371225.1,
3809339.7,       0.0,       0.0,       0.0);
    ( 371181.2, 3809340.4,       0.0,       0.0,       0.0);        ( 371137.3,
3809341.2,       0.0,       0.0,       0.0);
    ( 371244.1, 3809323.4,       0.0,       0.0,       0.0);        ( 371269.2,
3809352.6,       0.0,       0.0,       0.0);
    ( 371202.7, 3809315.1,       0.0,       0.0,       0.0);        ( 371158.8,
3809315.8,       0.0,       0.0,       0.0);
    ( 371243.6, 3809298.4,       0.0,       0.0,       0.0);        ( 371288.1,
3809336.3,       0.0,       0.0,       0.0);
    ( 371202.3, 3809290.1,       0.0,       0.0,       0.0);        ( 371158.4,
3809290.8,       0.0,       0.0,       0.0);
    ( 371243.2, 3809273.4,       0.0,       0.0,       0.0);        ( 371282.0,
3809290.8,       0.0,       0.0,       0.0);
    ( 371307.1, 3809320.0,       0.0,       0.0,       0.0);        ( 371318.5,
3809360.9,       0.0,       0.0,       0.0);
    ( 371201.8, 3809265.1,       0.0,       0.0,       0.0);        ( 371157.9,
3809265.9,       0.0,       0.0,       0.0);
    ( 371241.4, 3809173.4,       0.0,       0.0,       0.0);        ( 371280.2,
3809190.8,       0.0,       0.0,       0.0);
    ( 371319.0, 3809208.2,       0.0,       0.0,       0.0);        ( 371357.8,
3809225.6,       0.0,       0.0,       0.0);
    ( 371382.9, 3809254.8,       0.0,       0.0,       0.0);        ( 371394.3,
3809295.8,       0.0,       0.0,       0.0);
    ( 371405.7, 3809336.7,       0.0,       0.0,       0.0);        ( 371200.1,
3809165.1,       0.0,       0.0,       0.0);
```

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     ( 371156.2, 3809165.9,       0.0,       0.0,       0.0);         ( 371239.6,
3809073.4,       0.0,       0.0,       0.0);
     ( 371278.5, 3809090.8,       0.0,       0.0,       0.0);         ( 371317.3,
3809108.2,       0.0,       0.0,       0.0);
     ( 371356.1, 3809125.6,       0.0,       0.0,       0.0);         ( 371394.9,
3809143.0,       0.0,       0.0,       0.0);
     ( 371433.7, 3809160.4,       0.0,       0.0,       0.0);         ( 371458.8,
3809189.6,       0.0,       0.0,       0.0);
     ( 371470.1, 3809230.5,       0.0,       0.0,       0.0);         ( 371481.5,
3809271.5,       0.0,       0.0,       0.0);
     ( 371492.9, 3809312.5,       0.0,       0.0,       0.0);         ( 371504.3,
3809353.5,       0.0,       0.0,       0.0);
     ( 371515.6, 3809394.4,       0.0,       0.0,       0.0);         ( 371198.3,
3809065.1,       0.0,       0.0,       0.0);
     ( 371154.4, 3809065.9,       0.0,       0.0,       0.0);         ( 371237.9,
3808973.4,       0.0,       0.0,       0.0);
     ( 371276.7, 3808990.8,       0.0,       0.0,       0.0);         ( 371315.5,
3809008.2,       0.0,       0.0,       0.0);
     ( 371354.3, 3809025.6,       0.0,       0.0,       0.0);         ( 371393.1,
3809043.0,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371431.9, 3809060.4,       0.0,       0.0,       0.0);         ( 371470.7,
3809077.8,       0.0,       0.0,       0.0);
     ( 371509.5, 3809095.2,       0.0,       0.0,       0.0);         ( 371534.6,
3809124.4,       0.0,       0.0,       0.0);
     ( 371546.0, 3809165.4,       0.0,       0.0,       0.0);         ( 371557.3,
3809206.3,       0.0,       0.0,       0.0);
     ( 371568.7, 3809247.3,       0.0,       0.0,       0.0);         ( 371580.1,
3809288.3,       0.0,       0.0,       0.0);
     ( 371591.5, 3809329.2,       0.0,       0.0,       0.0);         ( 371602.9,
3809370.2,       0.0,       0.0,       0.0);
     ( 371196.5, 3808965.1,       0.0,       0.0,       0.0);         ( 371152.6,
3808965.9,       0.0,       0.0,       0.0);
     ( 371236.1, 3808873.4,       0.0,       0.0,       0.0);         ( 371274.9,
3808890.8,       0.0,       0.0,       0.0);
     ( 371313.7, 3808908.2,       0.0,       0.0,       0.0);         ( 371352.5,
3808925.6,       0.0,       0.0,       0.0);
     ( 371391.3, 3808943.0,       0.0,       0.0,       0.0);         ( 371430.1,
3808960.4,       0.0,       0.0,       0.0);
```

```
    ( 371468.9, 3808977.8,       0.0,       0.0,       0.0);         ( 371507.7,
3808995.2,       0.0,       0.0,       0.0);
    ( 371546.5, 3809012.6,       0.0,       0.0,       0.0);         ( 371585.3,
3809030.0,       0.0,       0.0,       0.0);
    ( 371610.4, 3809059.2,       0.0,       0.0,       0.0);         ( 371621.8,
3809100.2,       0.0,       0.0,       0.0);
    ( 371633.2, 3809141.1,       0.0,       0.0,       0.0);         ( 371644.5,
3809182.1,       0.0,       0.0,       0.0);
    ( 371655.9, 3809223.1,       0.0,       0.0,       0.0);         ( 371667.3,
3809264.1,       0.0,       0.0,       0.0);
    ( 371678.7, 3809305.0,       0.0,       0.0,       0.0);         ( 371690.1,
3809346.0,       0.0,       0.0,       0.0);
    ( 371701.4, 3809387.0,       0.0,       0.0,       0.0);         ( 371712.8,
3809427.9,       0.0,       0.0,       0.0);
    ( 371194.7, 3808865.1,       0.0,       0.0,       0.0);         ( 371150.8,
3808865.9,       0.0,       0.0,       0.0);
    ( 371234.3, 3808773.5,       0.0,       0.0,       0.0);         ( 371273.1,
3808790.9,       0.0,       0.0,       0.0);
    ( 371311.9, 3808808.2,       0.0,       0.0,       0.0);         ( 371350.7,
3808825.6,       0.0,       0.0,       0.0);
    ( 371389.5, 3808843.0,       0.0,       0.0,       0.0);         ( 371428.3,
3808860.4,       0.0,       0.0,       0.0);
    ( 371467.1, 3808877.8,       0.0,       0.0,       0.0);         ( 371505.9,
3808895.2,       0.0,       0.0,       0.0);
    ( 371544.7, 3808912.6,       0.0,       0.0,       0.0);         ( 371583.5,
3808930.0,       0.0,       0.0,       0.0);
    ( 371622.3, 3808947.4,       0.0,       0.0,       0.0);         ( 371661.1,
3808964.8,       0.0,       0.0,       0.0);
    ( 371686.2, 3808994.0,       0.0,       0.0,       0.0);         ( 371697.6,
3809035.0,       0.0,       0.0,       0.0);
    ( 371709.0, 3809075.9,       0.0,       0.0,       0.0);         ( 371720.4,
3809116.9,       0.0,       0.0,       0.0);
    ( 371731.8, 3809157.9,       0.0,       0.0,       0.0);         ( 371743.1,
3809198.9,       0.0,       0.0,       0.0);
    ( 371754.5, 3809239.8,       0.0,       0.0,       0.0);         ( 371765.9,
3809280.8,       0.0,       0.0,       0.0);
    ( 371777.3, 3809321.8,       0.0,       0.0,       0.0);         ( 371788.6,
3809362.8,       0.0,       0.0,       0.0);
    ( 371800.0, 3809403.7,       0.0,       0.0,       0.0);         ( 371811.4,
3809444.7,       0.0,       0.0,       0.0);
    ( 371193.0, 3808765.1,       0.0,       0.0,       0.0);         ( 371149.1,
3808765.9,       0.0,       0.0,       0.0);
    ( 371114.7, 3809341.8,       0.0,       0.0,       0.0);         ( 371070.0,
3809343.1,       0.0,       0.0,       0.0);
    ( 371025.4, 3809344.3,       0.0,       0.0,       0.0);         ( 371114.1,
3809316.9,       0.0,       0.0,       0.0);
    ( 371069.4, 3809318.1,       0.0,       0.0,       0.0);         ( 371024.7,
3809319.3,       0.0,       0.0,       0.0);
    ( 371135.7, 3809291.3,       0.0,       0.0,       0.0);         ( 371091.0,
3809292.5,       0.0,       0.0,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371121.5, 3808766.4, 0.0, 0.0, 0.0); (371076.8, 3808767.7, 0.0, 0.0, 0.0);
(371032.1, 3808768.9, 0.0, 0.0, 0.0); (370987.4, 3808770.1, 0.0, 0.0, 0.0);
(371028.7, 3809369.1, 0.0, 0.0, 0.0); (371053.7, 3809368.3, 0.0, 0.0, 0.0);
(371078.7, 3809367.5, 0.0, 0.0, 0.0); (371103.6, 3809366.7, 0.0, 0.0, 0.0);
(371203.6, 3809363.6, 0.0, 0.0, 0.0); (371602.0, 3809305.6, 0.0, 0.0, 0.0);
(370967.5, 3809295.5, 0.0, 0.0, 0.0); (371023.3, 3809282.6, 0.0, 0.0, 0.0);
(370970.2, 3809270.7, 0.0, 0.0, 0.0); (371026.0, 3809257.8, 0.0, 0.0, 0.0);
(370991.6, 3809247.9, 0.0, 0.0, 0.0); (370954.1, 3809243.8, 0.0, 0.0, 0.0);

```
    ( 371028.7, 3809232.9,       0.0,       0.0,       0.0);         ( 371060.0,
3809248.7,       0.0,       0.0,       0.0);
    ( 370994.3, 3809223.0,       0.0,       0.0,       0.0);         ( 370956.8,
3809218.9,       0.0,       0.0,       0.0);
    ( 371039.5, 3809133.5,       0.0,       0.0,       0.0);         ( 371070.8,
3809149.2,       0.0,       0.0,       0.0);
    ( 371155.6, 3809204.8,       0.0,       0.0,       0.0);         ( 371168.9,
3809237.2,       0.0,       0.0,       0.0);
    ( 371005.1, 3809123.6,       0.0,       0.0,       0.0);         ( 370967.6,
3809119.5,       0.0,       0.0,       0.0);
    ( 371050.3, 3809034.1,       0.0,       0.0,       0.0);         ( 371159.8,
3809089.2,       0.0,       0.0,       0.0);
    ( 371191.1, 3809104.9,       0.0,       0.0,       0.0);         ( 371229.0,
3809136.8,       0.0,       0.0,       0.0);
    ( 371255.6, 3809201.6,       0.0,       0.0,       0.0);         ( 371268.9,
3809234.0,       0.0,       0.0,       0.0);
    ( 371282.2, 3809266.4,       0.0,       0.0,       0.0);         ( 371015.9,
3809024.2,       0.0,       0.0,       0.0);
    ( 370978.4, 3809020.1,       0.0,       0.0,       0.0);         ( 371062.1,
3808935.2,       0.0,       0.0,       0.0);
    ( 371179.0, 3808993.9,       0.0,       0.0,       0.0);         ( 371212.3,
3809010.7,       0.0,       0.0,       0.0);
    ( 371245.7, 3809027.5,       0.0,       0.0,       0.0);         ( 371279.1,
3809044.3,       0.0,       0.0,       0.0);
    ( 371302.8, 3809070.0,       0.0,       0.0,       0.0);         ( 371331.2,
3809139.1,       0.0,       0.0,       0.0);
    ( 371345.4, 3809173.6,       0.0,       0.0,       0.0);         ( 371026.7,
3808924.8,       0.0,       0.0,       0.0);
    ( 370989.2, 3808920.7,       0.0,       0.0,       0.0);         ( 371072.7,
3808835.7,       0.0,       0.0,       0.0);
    ( 371105.6, 3808852.2,       0.0,       0.0,       0.0);         ( 371171.5,
3808885.4,       0.0,       0.0,       0.0);
    ( 371204.5, 3808901.9,       0.0,       0.0,       0.0);         ( 371237.4,
3808918.5,       0.0,       0.0,       0.0);
    ( 371270.3, 3808935.0,       0.0,       0.0,       0.0);         ( 371303.2,
3808951.6,       0.0,       0.0,       0.0);
    ( 371336.2, 3808968.2,       0.0,       0.0,       0.0);         ( 371376.1,
3809001.8,       0.0,       0.0,       0.0);
    ( 371404.1, 3809070.0,       0.0,       0.0,       0.0);         ( 371418.1,
3809104.1,       0.0,       0.0,       0.0);
    ( 371037.5, 3808825.4,       0.0,       0.0,       0.0);         ( 371000.0,
3808821.3,       0.0,       0.0,       0.0);
    ( 371083.4, 3808736.2,       0.0,       0.0,       0.0);         ( 371181.3,
3808785.4,       0.0,       0.0,       0.0);
    ( 371214.0, 3808801.9,       0.0,       0.0,       0.0);         ( 371246.6,
3808818.3,       0.0,       0.0,       0.0);
    ( 371279.2, 3808834.7,       0.0,       0.0,       0.0);         ( 371311.9,
3808851.1,       0.0,       0.0,       0.0);
    ( 371344.5, 3808867.5,       0.0,       0.0,       0.0);         ( 371377.2,
3808884.0,       0.0,       0.0,       0.0);
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     ( 371409.8, 3808900.4,       0.0,       0.0,       0.0);         ( 371449.4,
3808933.7,       0.0,       0.0,       0.0);
     ( 371477.2, 3809001.3,       0.0,       0.0,       0.0);         ( 371491.0,
3809035.1,       0.0,       0.0,       0.0);
     ( 371504.9, 3809068.9,       0.0,       0.0,       0.0);         ( 371048.3,
3808725.9,       0.0,       0.0,       0.0);
     ( 371010.8, 3808721.9,       0.0,       0.0,       0.0);         ( 371130.6,
3809235.7,       0.0,       0.0,       0.0);
     ( 371235.1, 3809238.1,       0.0,       0.0,       0.0);         ( 371227.0,
3809208.9,       0.0,       0.0,       0.0);
     ( 371323.3, 3809182.2,       0.0,       0.0,       0.0);         ( 371427.8,
3809184.6,       0.0,       0.0,       0.0);
     ( 371524.1, 3809157.8,       0.0,       0.0,       0.0);         ( 370932.6,
3809258.3,       0.0,       0.0,       0.0);
     ( 370899.1, 3809241.0,       0.0,       0.0,       0.0);         ( 370927.3,
3809227.5,       0.0,       0.0,       0.0);
     ( 370938.8, 3809205.3,       0.0,       0.0,       0.0);         ( 370983.8,
3809200.3,       0.0,       0.0,       0.0);
     ( 370950.3, 3809183.0,       0.0,       0.0,       0.0);         ( 371097.0,
3809194.3,       0.0,       0.0,       0.0);
     ( 371029.6, 3809111.5,       0.0,       0.0,       0.0);         ( 370996.1,
3809094.2,       0.0,       0.0,       0.0);
     ( 371087.1, 3809036.9,       0.0,       0.0,       0.0);         ( 371133.8,
3809094.3,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 371157.0, 3809122.9,       0.0,       0.0,       0.0);         ( 371180.4,
3809151.6,       0.0,       0.0,       0.0);
     ( 371042.0, 3809005.3,       0.0,       0.0,       0.0);         ( 371204.5,
3809036.0,       0.0,       0.0,       0.0);
     ( 371252.0, 3809094.5,       0.0,       0.0,       0.0);         ( 371275.8,
3809123.7,       0.0,       0.0,       0.0);
     ( 371299.6, 3809152.9,       0.0,       0.0,       0.0);         ( 371121.3,
3808933.7,       0.0,       0.0,       0.0);
     ( 371087.8, 3808916.4,       0.0,       0.0,       0.0);         ( 371247.5,
3808943.7,       0.0,       0.0,       0.0);
     ( 371327.9, 3809042.5,       0.0,       0.0,       0.0);         ( 371350.8,
3809070.7,       0.0,       0.0,       0.0);
     ( 371373.8, 3809099.0,       0.0,       0.0,       0.0);         ( 371167.2,
3808844.9,       0.0,       0.0,       0.0);
```

```
    ( 371133.7, 3808827.6,       0.0,       0.0,       0.0);         ( 371317.9,
3808885.0,       0.0,       0.0,       0.0);
    ( 371387.8, 3808971.0,       0.0,       0.0,       0.0);         ( 371411.2,
3808999.7,       0.0,       0.0,       0.0);
    ( 371434.5, 3809028.3,       0.0,       0.0,       0.0);         ( 371457.8,
3809057.0,       0.0,       0.0,       0.0);
    ( 371179.5, 3808738.7,       0.0,       0.0,       0.0);         ( 370867.5,
3809234.6,       0.0,       0.0,       0.0);
    ( 370843.1, 3809230.5,       0.0,       0.0,       0.0);         ( 370895.9,
3809213.9,       0.0,       0.0,       0.0);
    ( 370871.6, 3809209.9,       0.0,       0.0,       0.0);         ( 370900.0,
3809189.3,       0.0,       0.0,       0.0);
    ( 370875.7, 3809185.2,       0.0,       0.0,       0.0);         ( 370918.8,
3809169.5,       0.0,       0.0,       0.0);
    ( 370879.8, 3809160.6,       0.0,       0.0,       0.0);         ( 370940.2,
3809072.5,       0.0,       0.0,       0.0);
    ( 370896.3, 3809061.9,       0.0,       0.0,       0.0);         ( 370959.1,
3808974.7,       0.0,       0.0,       0.0);
    ( 370937.0, 3808967.4,       0.0,       0.0,       0.0);         ( 371012.3,
3808888.3,       0.0,       0.0,       0.0);
    ( 371051.5, 3808901.3,       0.0,       0.0,       0.0);         ( 371011.9,
3808784.0,       0.0,       0.0,       0.0);
    ( 371053.9, 3808798.0,       0.0,       0.0,       0.0);         ( 371095.9,
3808812.0,       0.0,       0.0,       0.0);
    ( 370945.6, 3808766.0,       0.0,       0.0,       0.0);         ( 370921.3,
3808762.0,       0.0,       0.0,       0.0);
    ( 371008.4, 3808678.8,       0.0,       0.0,       0.0);         ( 371030.5,
3808686.1,       0.0,       0.0,       0.0);
    ( 371052.5, 3808693.4,       0.0,       0.0,       0.0);         ( 371074.6,
3808700.8,       0.0,       0.0,       0.0);
    ( 371096.6, 3808708.1,       0.0,       0.0,       0.0);         ( 371118.7,
3808715.4,       0.0,       0.0,       0.0);
    ( 371140.8, 3808722.8,       0.0,       0.0,       0.0);         ( 370986.4,
3808671.4,       0.0,       0.0,       0.0);
    ( 370962.1, 3808667.4,       0.0,       0.0,       0.0);         ( 370937.8,
3808663.3,       0.0,       0.0,       0.0);
    ( 371339.0, 3809255.2,       0.0,       0.0,       0.0);         ( 371439.0,
3809255.2,       0.0,       0.0,       0.0);
    ( 370908.9, 3809261.4,       0.0,       0.0,       0.0);         ( 371333.8,
3809341.7,       0.0,       0.0,       0.0);
    ( 371397.8, 3809452.7,       0.0,       0.0,       0.0);         ( 370889.7,
3809134.2,       0.0,       0.0,       0.0);
    ( 370883.2, 3809091.0,       0.0,       0.0,       0.0);         ( 370876.7,
3809047.8,       0.0,       0.0,       0.0);
    ( 370914.4, 3809130.5,       0.0,       0.0,       0.0);         ( 370907.9,
3809087.3,       0.0,       0.0,       0.0);
    ( 370898.2, 3809022.4,       0.0,       0.0,       0.0);         ( 370942.4,
3809148.4,       0.0,       0.0,       0.0);
    ( 370935.9, 3809105.2,       0.0,       0.0,       0.0);         ( 370926.2,
3809040.3,       0.0,       0.0,       0.0);
```

```
     ( 370965.2, 3809161.8,       0.0,       0.0,       0.0);         ( 370950.9,
3809036.6,       0.0,       0.0,       0.0);
     ( 371059.1, 3809191.4,       0.0,       0.0,       0.0);         ( 371062.8,
3809108.2,       0.0,       0.0,       0.0);
     ( 371151.9, 3809028.6,       0.0,       0.0,       0.0);         ( 371259.2,
3809141.2,       0.0,       0.0,       0.0);
     ( 371257.3, 3809057.0,       0.0,       0.0,       0.0);         ( 371355.5,
3809149.4,       0.0,       0.0,       0.0);
     ( 371338.6, 3809299.0,       0.0,       0.0,       0.0);         ( 371349.7,
3808998.9,       0.0,       0.0,       0.0);
     ( 371457.0, 3809111.5,       0.0,       0.0,       0.0);         ( 371445.4,
3809214.1,       0.0,       0.0,       0.0);
     ( 371436.2, 3809296.1,       0.0,       0.0,       0.0);         ( 371431.6,
3809337.1,       0.0,       0.0,       0.0);
     ( 371451.8, 3809005.7,       0.0,       0.0,       0.0);         ( 370877.6,
3809012.0,       0.0,       0.0,       0.0);
     ( 370881.8, 3808989.5,       0.0,       0.0,       0.0);         ( 370890.3,
3808944.6,       0.0,       0.0,       0.0);
     ( 370894.6, 3808922.1,       0.0,       0.0,       0.0);         ( 370898.8,
3808899.6,       0.0,       0.0,       0.0);
     ( 370914.9, 3808949.2,       0.0,       0.0,       0.0);         ( 370919.2,
3808926.7,       0.0,       0.0,       0.0);
     ( 370923.4, 3808904.2,       0.0,       0.0,       0.0);         ( 370931.9,
3808859.3,       0.0,       0.0,       0.0);
     ( 370931.0, 3808998.8,       0.0,       0.0,       0.0);         ( 370943.7,
3808931.4,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 370948.0, 3808908.9,       0.0,       0.0,       0.0);         ( 370956.5,
3808863.9,       0.0,       0.0,       0.0);
     ( 370955.5, 3809003.5,       0.0,       0.0,       0.0);         ( 370968.3,
3808936.0,       0.0,       0.0,       0.0);
     ( 370976.8, 3808891.0,       0.0,       0.0,       0.0);         ( 371173.3,
3808928.2,       0.0,       0.0,       0.0);
     ( 371267.3, 3808969.3,       0.0,       0.0,       0.0);         ( 371344.3,
3809100.3,       0.0,       0.0,       0.0);
     ( 371459.6, 3809029.0,       0.0,       0.0,       0.0);         ( 370904.5,
3808837.5,       0.0,       0.0,       0.0);
     ( 370892.3, 3808816.4,       0.0,       0.0,       0.0);         ( 370880.1,
3808795.3,       0.0,       0.0,       0.0);
```

```
    ( 370926.1, 3808825.0,       0.0,       0.0,       0.0);         ( 370914.0,
3808803.9,       0.0,       0.0,       0.0);
    ( 370901.8, 3808782.8,       0.0,       0.0,       0.0);         ( 370950.7,
3808829.6,       0.0,       0.0,       0.0);
    ( 370935.6, 3808791.4,       0.0,       0.0,       0.0);         ( 370973.3,
3808822.8,       0.0,       0.0,       0.0);
    ( 370977.2, 3808845.7,       0.0,       0.0,       0.0);         ( 370969.4,
3808800.0,       0.0,       0.0,       0.0);
    ( 371056.0, 3808750.0,       0.0,       0.0,       0.0);         ( 371158.2,
3808791.5,       0.0,       0.0,       0.0);
    ( 371162.0, 3808814.3,       0.0,       0.0,       0.0);         ( 371142.7,
3808700.0,       0.0,       0.0,       0.0);
    ( 371130.5, 3808679.0,       0.0,       0.0,       0.0);         ( 371118.3,
3808657.9,       0.0,       0.0,       0.0);
    ( 371233.2, 3808672.9,       0.0,       0.0,       0.0);         ( 371237.0,
3808695.8,       0.0,       0.0,       0.0);
    ( 371240.9, 3808718.6,       0.0,       0.0,       0.0);         ( 371244.8,
3808741.5,       0.0,       0.0,       0.0);
    ( 371264.2, 3808855.8,       0.0,       0.0,       0.0);         ( 371229.3,
3808650.1,       0.0,       0.0,       0.0);
    ( 371217.1, 3808629.0,       0.0,       0.0,       0.0);         ( 371205.0,
3808607.9,       0.0,       0.0,       0.0);
    ( 371319.8, 3808623.0,       0.0,       0.0,       0.0);         ( 371323.7,
3808645.8,       0.0,       0.0,       0.0);
    ( 371327.5, 3808668.7,       0.0,       0.0,       0.0);         ( 371331.4,
3808691.5,       0.0,       0.0,       0.0);
    ( 371335.3, 3808714.4,       0.0,       0.0,       0.0);         ( 371339.2,
3808737.2,       0.0,       0.0,       0.0);
    ( 371343.0, 3808760.1,       0.0,       0.0,       0.0);         ( 371346.9,
3808782.9,       0.0,       0.0,       0.0);
    ( 371315.9, 3808600.1,       0.0,       0.0,       0.0);         ( 371303.7,
3808579.0,       0.0,       0.0,       0.0);
    ( 371291.6, 3808558.0,       0.0,       0.0,       0.0);         ( 371406.4,
3808573.0,       0.0,       0.0,       0.0);
    ( 371410.3, 3808595.8,       0.0,       0.0,       0.0);         ( 371414.2,
3808618.7,       0.0,       0.0,       0.0);
    ( 371418.0, 3808641.5,       0.0,       0.0,       0.0);         ( 371421.9,
3808664.4,       0.0,       0.0,       0.0);
    ( 371425.8, 3808687.3,       0.0,       0.0,       0.0);         ( 371429.7,
3808710.1,       0.0,       0.0,       0.0);
    ( 371433.5, 3808733.0,       0.0,       0.0,       0.0);         ( 371437.4,
3808755.8,       0.0,       0.0,       0.0);
    ( 371441.3, 3808778.7,       0.0,       0.0,       0.0);         ( 371445.2,
3808801.5,       0.0,       0.0,       0.0);
    ( 371449.1, 3808824.4,       0.0,       0.0,       0.0);         ( 371453.0,
3808847.2,       0.0,       0.0,       0.0);
    ( 371464.6, 3808915.8,       0.0,       0.0,       0.0);         ( 371402.5,
3808550.1,       0.0,       0.0,       0.0);
    ( 371390.4, 3808529.1,       0.0,       0.0,       0.0);         ( 371378.2,
3808508.0,       0.0,       0.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370975.5, 3808459.3, 0.0, 0.0, 0.0); (371017.8, 3808473.1, 0.0, 0.0, 0.0);
(371049.6, 3808499.5, 0.0, 0.0, 0.0); (371070.9, 3808538.7, 0.0, 0.0, 0.0);
(371092.1, 3808577.9, 0.0, 0.0, 0.0); (371113.3, 3808617.0, 0.0, 0.0, 0.0);
(370907.5, 3808339.6, 0.0, 0.0, 0.0); (370929.2, 3808346.7, 0.0, 0.0, 0.0);
(370950.9, 3808353.8, 0.0, 0.0, 0.0); (370972.6, 3808360.8, 0.0, 0.0, 0.0);

```
    ( 370994.4, 3808367.8,       0.0,       0.0,       0.0);         ( 371016.1,
3808374.9,       0.0,       0.0,       0.0);
    ( 371037.8, 3808381.9,       0.0,       0.0,       0.0);         ( 371059.5,
3808389.0,       0.0,       0.0,       0.0);
    ( 371081.3, 3808396.0,       0.0,       0.0,       0.0);         ( 371113.9,
3808423.2,       0.0,       0.0,       0.0);
    ( 371124.8, 3808443.3,       0.0,       0.0,       0.0);         ( 371135.6,
3808463.4,       0.0,       0.0,       0.0);
    ( 371146.5, 3808483.4,       0.0,       0.0,       0.0);         ( 371157.4,
3808503.5,       0.0,       0.0,       0.0);
    ( 371168.3, 3808523.6,       0.0,       0.0,       0.0);         ( 371179.2,
3808543.7,       0.0,       0.0,       0.0);
    ( 371190.0, 3808563.8,       0.0,       0.0,       0.0);         ( 371200.9,
3808583.9,       0.0,       0.0,       0.0);
    ( 370924.2, 3808247.5,       0.0,       0.0,       0.0);         ( 370946.3,
3808254.6,       0.0,       0.0,       0.0);
    ( 370968.4, 3808261.8,       0.0,       0.0,       0.0);         ( 370990.4,
3808269.0,       0.0,       0.0,       0.0);
    ( 371012.5, 3808276.1,       0.0,       0.0,       0.0);         ( 371034.6,
3808283.3,       0.0,       0.0,       0.0);
    ( 371056.6, 3808290.4,       0.0,       0.0,       0.0);         ( 371078.7,
3808297.6,       0.0,       0.0,       0.0);
    ( 371100.8, 3808304.8,       0.0,       0.0,       0.0);         ( 371122.8,
3808311.9,       0.0,       0.0,       0.0);
    ( 371144.9, 3808319.1,       0.0,       0.0,       0.0);         ( 371178.0,
3808346.6,       0.0,       0.0,       0.0);
    ( 371189.1, 3808367.0,       0.0,       0.0,       0.0);         ( 371200.1,
3808387.4,       0.0,       0.0,       0.0);
    ( 371211.2, 3808407.8,       0.0,       0.0,       0.0);         ( 371222.2,
3808428.2,       0.0,       0.0,       0.0);
    ( 371233.3, 3808448.6,       0.0,       0.0,       0.0);         ( 371244.3,
3808469.0,       0.0,       0.0,       0.0);
    ( 371255.4, 3808489.4,       0.0,       0.0,       0.0);         ( 371266.4,
3808509.8,       0.0,       0.0,       0.0);
    ( 371277.5, 3808530.2,       0.0,       0.0,       0.0);         ( 370918.7,
3808148.1,       0.0,       0.0,       0.0);
    ( 370941.0, 3808155.3,       0.0,       0.0,       0.0);         ( 370963.3,
3808162.5,       0.0,       0.0,       0.0);
    ( 370985.6, 3808169.8,       0.0,       0.0,       0.0);         ( 371007.9,
3808177.0,       0.0,       0.0,       0.0);
    ( 371030.2, 3808184.2,       0.0,       0.0,       0.0);         ( 371052.5,
3808191.5,       0.0,       0.0,       0.0);
    ( 371074.8, 3808198.7,       0.0,       0.0,       0.0);         ( 371097.1,
3808206.0,       0.0,       0.0,       0.0);
    ( 371119.4, 3808213.2,       0.0,       0.0,       0.0);         ( 371141.7,
3808220.4,       0.0,       0.0,       0.0);
    ( 371164.0, 3808227.7,       0.0,       0.0,       0.0);         ( 371186.3,
3808234.9,       0.0,       0.0,       0.0);
    ( 371208.6, 3808242.1,       0.0,       0.0,       0.0);         ( 371242.1,
3808270.0,       0.0,       0.0,       0.0);
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(371253.3, 3808290.6, 0.0, 0.0, 0.0); (371264.4, 3808311.2, 0.0, 0.0, 0.0);
(371275.6, 3808331.8, 0.0, 0.0, 0.0); (371286.8, 3808352.4, 0.0, 0.0, 0.0);
(371297.9, 3808373.0, 0.0, 0.0, 0.0); (371309.1, 3808393.7, 0.0, 0.0, 0.0);
(371320.3, 3808414.3, 0.0, 0.0, 0.0); (371331.4, 3808434.9, 0.0, 0.0, 0.0);
(371342.6, 3808455.5, 0.0, 0.0, 0.0); (371353.8, 3808476.1, 0.0, 0.0, 0.0);
(370807.2, 3808111.9, 0.0, 0.0, 0.0); (370782.9, 3808113.5, 0.0, 0.0, 0.0);
(370850.8, 3808734.6, 0.0, 0.0, 0.0); (370853.2, 3808759.5, 0.0, 0.0, 0.0);
(370861.0, 3809110.4, 0.0, 0.0, 0.0); (370826.6, 3808651.5, 0.0, 0.0, 0.0);
(370934.2, 3808562.5, 0.0, 0.0, 0.0); (370954.8, 3808592.6, 0.0, 0.0, 0.0);
(370975.4, 3808622.7, 0.0, 0.0, 0.0); (370903.3, 3808517.4, 0.0, 0.0, 0.0);
(370972.0, 3808481.4, 0.0, 0.0, 0.0); (370992.6, 3808511.5, 0.0, 0.0, 0.0);
(371013.2, 3808541.6, 0.0, 0.0, 0.0); (371033.8, 3808571.7, 0.0, 0.0, 0.0);
(371054.4, 3808601.7, 0.0, 0.0, 0.0); (371075.0, 3808631.8, 0.0, 0.0, 0.0);
(371095.6, 3808661.9, 0.0, 0.0, 0.0); (371095.7, 3808788.8, 0.0, 0.0, 0.0);
(370930.8, 3808421.3, 0.0, 0.0, 0.0); (371009.8, 3808400.3, 0.0, 0.0, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(371030.4, 3808430.4, 0.0, 0.0, 0.0); (371051.0, 3808460.5, 0.0, 0.0, 0.0);
(371071.6, 3808490.5, 0.0, 0.0, 0.0); (371092.2, 3808520.6, 0.0, 0.0, 0.0);
(371112.8, 3808550.7, 0.0, 0.0, 0.0); (371133.4, 3808580.8, 0.0, 0.0, 0.0);
(371154.0, 3808610.9, 0.0, 0.0, 0.0); (371174.6, 3808640.9, 0.0, 0.0, 0.0);

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    ( 371195.2, 3808671.0,       0.0,       0.0,       0.0);         ( 371105.2,
3808888.3,       0.0,       0.0,       0.0);
    ( 371015.2, 3808978.7,       0.0,       0.0,       0.0);         ( 370958.2,
3808325.1,       0.0,       0.0,       0.0);
    ( 370922.7, 3808315.0,       0.0,       0.0,       0.0);         ( 370996.0,
3808244.0,       0.0,       0.0,       0.0);
    ( 371047.5, 3808319.2,       0.0,       0.0,       0.0);         ( 371068.1,
3808349.3,       0.0,       0.0,       0.0);
    ( 371212.4, 3808559.8,       0.0,       0.0,       0.0);         ( 371233.0,
3808589.9,       0.0,       0.0,       0.0);
    ( 371253.6, 3808620.0,       0.0,       0.0,       0.0);         ( 371274.2,
3808650.1,       0.0,       0.0,       0.0);
    ( 371294.8, 3808680.1,       0.0,       0.0,       0.0);         ( 371320.6,
3808781.2,       0.0,       0.0,       0.0);
    ( 371114.8, 3808987.9,       0.0,       0.0,       0.0);         ( 371089.0,
3809013.7,       0.0,       0.0,       0.0);
    ( 370967.9, 3808223.9,       0.0,       0.0,       0.0);         ( 371023.5,
3808147.8,       0.0,       0.0,       0.0);
    ( 371075.0, 3808223.0,       0.0,       0.0,       0.0);         ( 371095.6,
3808253.1,       0.0,       0.0,       0.0);
    ( 371116.2, 3808283.2,       0.0,       0.0,       0.0);         ( 371342.9,
3808614.1,       0.0,       0.0,       0.0);
    ( 371363.5, 3808644.1,       0.0,       0.0,       0.0);         ( 371384.1,
3808674.2,       0.0,       0.0,       0.0);
    ( 371404.7, 3808704.3,       0.0,       0.0,       0.0);         ( 371420.2,
3808790.3,       0.0,       0.0,       0.0);
    ( 371394.4, 3808816.1,       0.0,       0.0,       0.0);         ( 371291.5,
3808919.5,       0.0,       0.0,       0.0);
    ( 371175.8, 3809035.7,       0.0,       0.0,       0.0);         ( 371111.5,
3809100.3,       0.0,       0.0,       0.0);
    ( 371085.7, 3809126.1,       0.0,       0.0,       0.0);         ( 371021.4,
3809190.7,       0.0,       0.0,       0.0);
    ( 370931.4, 3809281.2,       0.0,       0.0,       0.0);         ( 370995.4,
3808127.7,       0.0,       0.0,       0.0);
    ( 370822.8, 3808712.2,     530.9,    1482.1,       0.0);         ( 370847.1,
3808710.6,     530.5,    1482.1,       0.0);
    ( 370858.5, 3808807.8,     526.9,    1482.1,       0.0);         ( 370882.8,
3808850.0,     524.0,    1482.1,       0.0);
    ( 370848.8, 3809029.9,     512.4,    1482.1,       0.0);         ( 370868.2,
3809159.5,     508.1,    1482.1,       0.0);
    ( 370839.0, 3809234.1,     505.6,    1482.1,       0.0);         ( 370839.0,
3809255.2,     506.0,    1482.1,       0.0);
    ( 370887.7, 3809263.3,     511.1,    1482.1,       0.0);         ( 370937.9,
3809289.2,     509.6,    1482.1,       0.0);
    ( 370946.0, 3809318.4,     503.8,    1482.1,       0.0);         ( 371002.3,
3809324.5,     509.0,    1482.1,       0.0);
    ( 371003.7, 3809369.9,     500.0,    1482.1,       0.0);         ( 371137.8,
3809366.2,     499.3,    1482.1,       0.0);
    ( 371225.6, 3809364.7,     528.8,    1482.1,       0.0);         ( 371212.1,
3809444.2,     516.7,    1482.1,       0.0);
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     ( 371189.7, 3809473.3,     508.4,    1482.1,       0.0);         ( 371178.5,
3809515.8,     496.6,    1482.1,       0.0);
     ( 371208.7, 3809569.0,     495.7,    1482.1,       0.0);         ( 371216.7,
3809697.1,     499.6,    1482.1,       0.0);
     ( 371211.6, 3809719.4,     500.9,    1482.1,       0.0);         ( 371195.1,
3809860.3,     503.2,    1482.1,       0.0);
     ( 371186.5, 3809871.8,     501.2,    1482.1,       0.0);         ( 371200.1,
3809894.8,     494.9,    1482.1,       0.0);
     ( 371192.9, 3810052.3,     510.7,    1482.1,       0.0);         ( 371165.6,
3810045.9,     506.9,    1482.1,       0.0);
     ( 371154.1, 3810042.3,     505.2,    1482.1,       0.0);         ( 371154.1,
3810059.5,     510.1,    1482.1,       0.0);
     ( 371146.2, 3810064.6,     510.8,    1482.1,       0.0);         ( 371023.9,
3810055.9,     495.5,    1482.1,       0.0);
     ( 371015.3, 3810023.6,     491.7,    1482.1,       0.0);         ( 370757.8,
3809977.5,     486.9,    1482.1,       0.0);
     ( 370666.5, 3810061.0,     481.7,    1482.1,       0.0);         ( 370592.0,
3810093.1,     481.1,    1482.1,       0.0);
     ( 370548.0, 3810094.0,     481.0,    1482.1,       0.0);         ( 370528.6,
3810117.7,     479.9,    1482.1,       0.0);
     ( 370503.2, 3810116.8,     479.9,    1482.1,       0.0);         ( 370485.4,
3810094.0,     480.9,    1482.1,       0.0);
     ( 370430.4, 3810099.9,     481.4,    1482.1,       0.0);         ( 370313.6,
3810112.6,     481.1,    1482.1,       0.0);
     ( 370298.4, 3810127.0,     481.4,    1482.1,       0.0);         ( 370224.0,
3810150.7,     487.0,    1482.1,       0.0);
     ( 370196.0, 3810182.0,     479.4,    1482.1,       0.0);         ( 370170.7,
3810183.7,     478.7,    1482.1,       0.0);
     ( 370135.1, 3810190.4,     482.0,    1482.1,       0.0);         ( 370108.0,
3810175.2,     491.4,    1482.1,       0.0);
     ( 370075.0, 3810182.8,     491.9,    1482.1,       0.0);         ( 369956.6,
3810155.7,     476.9,    1482.1,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 369907.5, 3810133.7,     476.8,    1482.1,       0.0);         ( 369878.8,
3810142.2,     476.2,    1482.1,       0.0);
     ( 369864.4, 3810132.9,     475.6,    1482.1,       0.0);         ( 369868.6,
3810116.0,     475.7,    1482.1,       0.0);
     ( 369829.7, 3810091.4,     476.1,    1482.1,       0.0);         ( 369822.1,
3810071.1,     476.6,    1482.1,       0.0);
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     ( 369832.2, 3810050.0,     477.5,    1482.1,       0.0);         ( 369850.0,
3810046.6,     477.5,    1482.1,       0.0);
     ( 370020.0, 3810114.3,     477.2,    1482.1,       0.0);         ( 370020.0,
3810077.0,     478.0,    1482.1,       0.0);
     ( 370037.0, 3810070.3,     478.2,    1482.1,       0.0);         ( 370049.7,
3810076.2,     478.0,    1482.1,       0.0);
     ( 370079.3, 3810067.7,     478.0,    1482.1,       0.0);         ( 370097.0,
3810031.4,     483.0,    1482.1,       0.0);
     ( 370116.5, 3810027.1,     483.0,    1482.1,       0.0);         ( 370171.5,
3810050.8,     495.3,    1482.1,       0.0);
     ( 370186.7, 3810037.3,     503.4,    1482.1,       0.0);         ( 370218.0,
3810033.0,     492.7,    1482.1,       0.0);
     ( 370226.5, 3810041.5,     492.3,    1482.1,       0.0);         ( 370244.3,
3810028.0,     486.4,    1482.1,       0.0);
     ( 370289.1, 3810031.4,     483.3,    1482.1,       0.0);         ( 370324.6,
3810044.9,     482.5,    1482.1,       0.0);
     ( 370467.6, 3810030.5,     484.0,    1482.1,       0.0);         ( 370478.6,
3810028.0,     484.1,    1482.1,       0.0);
     ( 370489.6, 3810000.9,     485.2,    1482.1,       0.0);         ( 370531.1,
3809993.3,     485.2,    1482.1,       0.0);
     ( 370549.7, 3809988.2,     485.4,    1482.1,       0.0);         ( 370578.5,
3809984.0,     485.9,    1482.1,       0.0);
     ( 370638.6, 3809975.5,     499.1,    1482.1,       0.0);         ( 370652.9,
3809970.4,     499.8,    1482.1,       0.0);
     ( 370655.5, 3809958.6,     495.9,    1482.1,       0.0);         ( 370597.9,
3809958.6,     490.7,    1482.1,       0.0);
     ( 370524.3, 3809960.3,     487.4,    1482.1,       0.0);         ( 370494.7,
3809938.3,     486.8,    1482.1,       0.0);
     ( 370450.7, 3809941.7,     486.3,    1482.1,       0.0);         ( 370431.3,
3809942.5,     486.5,    1482.1,       0.0);
     ( 370427.0, 3809924.8,     486.3,    1482.1,       0.0);         ( 370430.4,
3809906.1,     486.6,    1482.1,       0.0);
     ( 370408.4, 3809902.8,     486.4,    1482.1,       0.0);         ( 370394.0,
3809710.7,     490.2,    1482.1,       0.0);
     ( 370394.9, 3809696.3,     490.6,    1482.1,       0.0);         ( 370402.5,
3809685.3,     491.2,    1482.1,       0.0);
     ( 370426.2, 3809701.4,     490.8,    1482.1,       0.0);         ( 370426.2,
3809625.2,     499.2,    1482.1,       0.0);
     ( 370439.7, 3809600.7,     501.9,    1482.1,       0.0);         ( 370503.2,
3809546.5,     499.4,    1482.1,       0.0);
     ( 370698.6, 3809431.5,     500.4,    1482.1,       0.0);         ( 370715.5,
3809438.2,     500.2,    1482.1,       0.0);
     ( 370766.3, 3809401.0,     502.0,    1482.1,       0.0);         ( 370767.2,
3809342.6,     503.3,    1482.1,       0.0);
     ( 370734.2, 3809307.1,     501.8,    1482.1,       0.0);         ( 370739.2,
3809271.5,     501.9,    1482.1,       0.0);
     ( 370795.9, 3809270.7,     503.6,    1482.1,       0.0);         ( 370795.9,
3809163.2,     508.6,    1482.1,       0.0);
     ( 370797.6, 3808929.7,     516.4,    1482.1,       0.0);         ( 370806.9,
3808880.6,     522.1,    1482.1,       0.0);
```

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     ( 370809.5, 3808845.1,     524.5,    1482.1,       0.0);         ( 370813.7,
3808830.7,     525.4,    1482.1,       0.0);
     ( 370789.2, 3808796.9,     529.8,    1482.1,       0.0);         ( 370801.0,
3808766.4,     529.4,    1482.1,       0.0);
     ( 370809.5, 3808708.0,     531.5,    1482.1,       0.0);         ( 370812.8,
3808699.6,     532.0,    1482.1,       0.0);
     ( 370848.4, 3808709.7,     530.5,    1482.1,       0.0);

↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                     (METERS/SEC)

                                              1.54,   3.09,   5.14,   8.23,
10.80,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0

```
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                 PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370795.73	3808683.73	0.75666m	(23013024)	370772.52	3808674.46	0.67581m	(23013024)
370799.76	3808653.91	0.69561	(21022824)	370749.30	3808665.18	0.61716m	(23013024)
370767.60	3808645.43	0.61448m	(23013024)	370788.75	3808631.46	0.63033	(21022824)
370815.57	3808629.07	0.66013	(21022824)	370726.09	3808655.91	0.57448m	(23013024)
370744.39	3808636.15	0.57500m	(23013024)	370762.69	3808616.40	0.56683	(21022824)
370786.67	3808608.22	0.59135	(21022824)	370813.49	3808605.83	0.61217	(21022824)
370633.22	3808618.80	0.47660	(22012824)	370651.53	3808599.05	0.47214	(22012824)
370669.83	3808579.30	0.46689m	(23013024)	370688.13	3808559.55	0.46353m	(23013024)
370706.43	3808539.80	0.45693m	(23013024)	370733.67	3808519.25	0.45364	(21022824)
370760.49	3808516.86	0.47068	(21022824)	370787.31	3808514.46	0.48337	(21022824)
370814.13	3808512.07	0.49244	(20012724)	370840.95	3808509.67	0.53287	(20012724)
370540.36	3808581.70	0.42506	(22012824)	370558.66	3808561.95	0.42302	(22012824)
370576.97	3808542.20	0.41995	(22012824)	370595.27	3808522.45	0.41569	(22012824)
370613.57	3808502.70	0.40988	(22012824)	370631.87	3808482.95	0.40201	(22012824)
370650.17	3808463.20	0.39171	(22012824)	370668.47	3808443.44	0.38438m	(23013024)
370689.61	3808429.48	0.38143m	(23013024)	370716.43	3808427.09	0.38765	(21022824)
370743.25	3808424.69	0.39867	(21022824)	370770.07	3808422.30	0.40750	(21022824)
370796.89	3808419.90	0.41406	(21022824)	370823.71	3808417.51	0.43189	(20012724)
370850.53	3808415.11	0.46046	(20012724)	370877.35	3808412.72	0.48676	(20012724)
370447.50	3808544.60	0.37580	(22012824)	370465.80			

3808524.85   0.37689 (22012824)
        370484.10   3808505.10   0.37695 (22012824)   370502.40
3808485.35   0.37596 (22012824)
        370520.71   3808465.60   0.37390 (22012824)   370539.01
3808445.85   0.37065 (22012824)
        370557.31   3808426.09   0.36607 (22012824)   370575.61
3808406.34   0.36001 (22012824)
        370593.91   3808386.59   0.35238 (22012824)   370612.21
3808366.84   0.34319 (22012824)
        370630.51   3808347.09   0.33257 (22012824)   370654.49
3808338.91   0.33375m (23013024)
        370681.31   3808336.52   0.33682m (23013024)   370708.13
3808334.12   0.34046 (21022824)
        370734.95   3808331.73   0.34834 (21022824)   370761.77
3808329.33   0.35489 (21022824)
        370788.60   3808326.94   0.36013 (21022824)   370815.42
3808324.55   0.36967 (20012724)
        370842.24   3808322.15   0.39235 (20012724)   370869.06
3808319.76   0.41418 (20012724)
        370895.88   3808317.36   0.43433 (20012724)   370354.64
3808507.50   0.32786 (22012824)
        370372.94   3808487.75   0.33138 (22012824)   370391.24
3808468.00   0.33401 (22012824)
        370409.54   3808448.25   0.33573 (22012824)   370427.84
3808428.50   0.33653 (22012824)
        370446.14   3808408.74   0.33639 (22012824)   370464.45
3808388.99   0.33527 (22012824)
        370482.75   3808369.24   0.33312 (22012824)   370501.05
3808349.49   0.32987 (22012824)
        370519.35   3808329.74   0.32547 (22012824)   370537.65
3808309.99   0.31991 (22012824)
        370555.95   3808290.24   0.31321 (22012824)   370574.25
3808270.49   0.30546 (22012824)
        370601.50   3808249.94   0.29550 (22012824)   370628.32
3808247.54   0.29741m (23013024)
        370655.14   3808245.15   0.30053m (23013024)   370681.96
3808242.75   0.30276m (23013024)
        370708.78   3808240.36   0.30468 (21022824)   370735.60
3808237.97   0.31056 (21022824)
        370762.42   3808235.57   0.31555 (21022824)   370789.24
3808233.18   0.31968 (21022824)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370816.06   3808230.78   0.32821 (20012724)   370842.88
3808228.39   0.34681 (20012724)
        370869.70   3808226.00   0.36493 (20012724)   370896.52
3808223.60   0.38210 (20012724)
        370923.34   3808221.21   0.39787 (20012724)   370261.77
3808470.40   0.29643 (21012024)
        370280.08   3808450.65   0.29250 (21012024)   370298.38
3808430.90   0.29203 (22012824)
        370316.68   3808411.15   0.29569 (22012824)   370334.98
3808391.39   0.29860 (22012824)
        370353.28   3808371.64   0.30074 (22012824)   370371.58
3808351.89   0.30208 (22012824)
        370389.88   3808332.14   0.30261 (22012824)   370408.19
3808312.39   0.30228 (22012824)
        370426.49   3808292.64   0.30107 (22012824)   370444.79
3808272.89   0.29895 (22012824)
        370463.09   3808253.14   0.29591 (22012824)   370481.39
3808233.39   0.29195 (22012824)
        370499.69   3808213.63   0.28709 (22012824)   370517.99
3808193.88   0.28139 (22012824)
        370536.30   3808174.13   0.27492 (22012824)   370557.44
3808160.17   0.26931 (22012824)
        370584.26   3808157.77   0.26585 (22012824)   370611.08
3808155.38   0.26894m (23013024)
        370637.90   3808152.98   0.27188m (23013024)   370664.72
3808150.59   0.27410m (23013024)
        370691.54   3808148.20   0.27544m (23013024)   370718.36
3808145.80   0.27647 (21022824)
        370745.18   3808143.41   0.28093 (21022824)   370772.00
3808141.01   0.28476 (21022824)

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        370798.82   3808138.62        0.28796  (21022824)              370825.64
3808136.22        0.29959  (20012724)
        370852.46   3808133.83        0.31521  (20012724)              370879.28
3808131.44        0.33045  (20012724)
        370906.10   3808129.04        0.34499  (20012724)              370932.92
3808126.65        0.35855  (20012724)
        370959.74   3808124.25        0.37083  (20012724)              370784.73
3808704.46        0.77185m (23013024)
        370779.09   3808743.38        0.80828m (23013024)              370759.99
3808700.88        0.68274m (23013024)
        370754.35   3808739.80        0.71771m (23013024)              370735.25
3808697.29        0.62840m (23013024)
        370729.61   3808736.21        0.66161m (23013024)              370713.56
3808682.33        0.58349m (23013024)
        370707.68   3808713.17        0.60524m (23013024)              370702.04
3808752.09        0.63715m (23013024)
        370615.61   3808664.19        0.49538  (22012824)              370608.72
3808698.83        0.51264  (22012824)
        370603.08   3808737.75        0.53322  (22012824)              370517.15
3808647.96        0.44275  (22012824)
        370526.30   3808613.82        0.43286  (22012824)              370509.75
3808684.49        0.45382  (22012824)
        370504.11   3808723.41        0.46619  (22012824)              370418.49
3808632.48        0.38677  (22012824)
        370428.25   3808596.06        0.38194  (22012824)              370410.78
3808670.14        0.39727  (23021724)
        370405.14   3808709.06        0.41031  (23021724)              370319.72
3808617.38        0.35240m (22111524)
        370329.90   3808579.44        0.33815m (22111524)              370340.07
3808541.51        0.32873  (23021724)
        370311.82   3808655.80        0.36654m (22111524)              370306.18
3808694.72        0.38078m (22111524)
        370220.25   3808604.93        0.33216m (22111524)              370229.41
3808570.79        0.32339m (22111524)
        370238.56   3808536.65        0.31401m (22111524)              370247.72
3808502.51        0.30409m (22111524)
        370212.85   3808641.46        0.34135m (22111524)              370207.21
3808680.38        0.35108m (22111524)
        370771.79   3808772.60        0.83587m (22120324)              370748.49
3808763.53        0.73467m (23013024)
        370719.26   3808769.70        0.68255m (23013024)              370768.92
3808811.57        0.89522m (22120324)
        370793.46   3808845.41        1.15549m (22120324)              370744.13
3808814.76        0.79139m (23013024)
        370741.07   3808791.02        0.75269m (23013024)              370760.95
3808843.16        0.91113m (22120324)
        370721.61   3808823.70        0.75030m (23013024)              370740.71
3808857.84        0.85257m (22120324)
        370702.13   3808840.29        0.73312m (23013024)              370691.98
3808793.33        0.66598m (23013024)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370720.48	3808872.52	0.81399m	(22120324)	370619.96	3808895.93	0.67509m	(23013024)
370605.38	3808859.20	0.62418m	(23013024)	370593.19	3808802.84	0.56706	(22012824)
370597.98	3808763.61	0.54602	(22012824)	370639.52	3808931.22	0.74516m	(22120324)
370539.46	3808955.79	0.66093m	(22120324)	370525.79	3808921.35	0.61010m	(22120324)
370512.13	3808886.91	0.57036	(23021724)	370498.46	3808852.47	0.53728	(23021724)
370493.87	3808816.86	0.51235	(23021724)	370498.35	3808780.07	0.49315	(23021724)
370558.57	3808989.93	0.72400m	(22120324)	370458.05	3809013.35	0.64981m	(22120324)
370443.47	3808976.61	0.59897m	(22120324)	370428.89	3808939.87	0.55386m	(22120324)
370414.31	3808903.14	0.51898m	(22111524)	370399.73	3808866.40	0.49110m	(22111524)
370394.84	3808828.41	0.46841m	(22111524)	370399.62	3808789.18	0.44887m	(22111524)
370404.41	3808749.95	0.42890m	(22111524)	370477.61			

3809048.63 0.71099m (22120324)
370376.80 3809071.29 0.63576m (22120324) 370361.61
3809033.02 0.58614m (22120324)
370346.42 3808994.75 0.54213m (22120324) 370331.23
3808956.48 0.50289m (22120324)
370316.04 3808918.22 0.47524m (22111524) 370300.86
3808879.95 0.45186m (22111524)
370295.76 3808840.38 0.43407m (22111524) 370300.74
3808799.51 0.42020m (22111524)
370305.73 3808758.65 0.40586m (22111524) 370310.72
3808717.78 0.39102m (22111524)
370396.66 3809107.34 0.69455m (22120324) 370296.14
3809130.76 0.61746m (22120324)
370281.56 3809094.02 0.57313m (22120324) 370266.98
3809057.29 0.53345m (22120324)
370252.40 3809020.55 0.50777 (22011524) 370237.82
3808983.81 0.48392 (22011524)
370223.24 3808947.07 0.46146 (22011524) 370208.66
3808910.34 0.44014 (22011524)
370196.48 3808853.98 0.41125 (22011524) 370201.26
3808814.75 0.39327 (22011524)
370206.05 3808775.52 0.37734m (22111524) 370210.84
3808736.28 0.36800m (22111524)
370315.70 3809166.05 0.67111m (22120324) 370621.82
3808774.33 0.57007m (23013024)
370525.88 3808746.12 0.48981 (22012824) 370429.94
3808717.92 0.42579 (23021724)
370334.00 3808689.72 0.38471m (22111524) 370238.06
3808661.52 0.35328m (22111524)
370781.99 3808878.87 1.12821m (22120324) 370757.06
3808877.08 0.95725m (22120324)
370612.52 3808816.81 0.59573m (23013024) 370316.18
3808779.36 0.41756m (22111524)
370228.12 3808707.51 0.36490m (22111524) 370773.06
3808925.07 1.16589m (22120324)
370748.50 3808920.41 1.00097m (22120324) 370723.93
3808915.75 0.89686m (22120324)
370699.37 3808911.09 0.82277m (22120324) 370772.45
3808952.90 1.22485m (22120324)
370772.28 3808976.25 1.27646m (22120324) 370772.11
3808999.61 1.32994m (22120324)
370771.94 3809022.96 1.38729m (22120324) 370771.78
3809046.31 1.45018m (22120324)
370771.61 3809069.66 1.51997m (22120324) 370771.44
3809093.01 1.59864m (22120324)
370771.27 3809116.37 1.68877m (22120324) 370771.10
3809139.72 1.79387m (22120324)
370770.93 3809163.07 1.91935m (22120324) 370747.45
3808952.72 1.05999m (22120324)
370747.28 3808976.07 1.10699m (22120324) 370747.11

3808999.42   1.15641m (22120324)
        370746.95   3809022.78   1.20954m (22120324)   370746.78
3809046.13   1.26746m (22120324)
        370746.61   3809069.48   1.33156m (22120324)   370746.44
3809092.83   1.40343m (22120324)
        370746.27   3809116.18   1.48515m (22120324)   370746.10
3809139.54   1.57953m (22120324)
        370745.93   3809162.89   1.69049m (22120324)   370722.45
3808952.54   0.95798m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370722.28   3808975.89   1.00159m (22120324)   370722.11
3808999.24   1.04782m (22120324)
        370721.95   3809022.60   1.09757m (22120324)   370721.78
3809045.95   1.15166m (22120324)
        370721.61   3809069.30   1.21121m (22120324)   370721.44
3809092.65   1.27752m (22120324)
        370721.27   3809116.00   1.35215m (22120324)   370721.10
3809139.36   1.43722m (22120324)
        370720.93   3809162.71   1.53541m (22120324)   370697.45
3808952.36   0.88633m (22120324)
        370697.28   3808975.71   0.92714m (22120324)   370697.12
3808999.06   0.97058m (22120324)

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        370696.95   3809022.41        1.01723m (22120324)               370696.78
3809045.77        1.06787m (22120324)
        370696.61   3809069.12        1.12330m (22120324)               370696.44
3809092.47        1.18452m (22120324)
        370696.27   3809115.82        1.25274m (22120324)               370696.10
3809139.17        1.32938m (22120324)
        370695.93   3809162.53        1.41629m (22120324)               370599.37
3808910.37        0.66752  (23021724)
        370597.46   3808951.63        0.71813m (22120324)               370597.29
3808974.99        0.75011m (22120324)
        370597.12   3808998.34        0.78404m (22120324)               370596.95
3809021.69        0.82019m (22120324)
        370596.78   3809045.04        0.85885m (22120324)               370596.61
3809068.39        0.90033m (22120324)
        370596.44   3809091.75        0.94499m (22120324)               370596.27
3809115.10        0.99315m (22120324)
        370596.10   3809138.45        1.04520m (22120324)               370595.94
3809161.80        1.10154m (22120324)
        370499.38   3808909.65        0.57715m (22120324)               370497.46
3808950.91        0.61737m (22120324)
        370497.29   3808974.26        0.64251m (22120324)               370497.12
3808997.61        0.66901m (22120324)
        370496.95   3809020.97        0.69700m (22120324)               370496.61
3809067.67        0.75790m (22120324)
        370496.44   3809091.02        0.79113m (22120324)               370496.28
3809114.37        0.82642m (22120324)
        370496.11   3809137.73        0.86395m (22120324)               370495.94
3809161.08        0.90389m (22120324)
        370397.63   3808926.84        0.52354m (22111524)               370397.46
3808950.19        0.54095m (22120324)
        370397.29   3808973.54        0.56077m (22120324)               370397.12
3808996.89        0.58151m (22120324)
        370396.95   3809020.24        0.60324m (22120324)               370396.79
3809043.60        0.62604m (22120324)
        370396.11   3809137.00        0.72923m (22120324)               370395.94
3809160.36        0.75850m (22120324)
        370297.46   3808949.46        0.48619  (22011524)               370297.30
3808972.82        0.49958  (22011524)
        370297.13   3808996.17        0.51274  (22011524)               370296.96
3809019.52        0.52677m (22120324)
        370296.79   3809042.87        0.54438m (22120324)               370296.62
3809066.22        0.56272m (22120324)
        370201.83   3808882.40        0.42556  (22011524)               370197.47
3808948.74        0.45390  (22011524)
        370197.30   3808972.09        0.46395  (22011524)               370197.13
3808995.44        0.47396  (22011524)
        370196.96   3809018.80        0.48400  (22011524)               370196.79
3809042.15        0.49411  (22011524)
        370196.62   3809065.50        0.50431  (22011524)               370196.45
3809088.85        0.51461  (22011524)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370395.93	3809227.73	0.85313m	(22120324)	370395.93	3809270.71	0.92239m	(22120324)
370295.93	3809184.74	0.66854m	(22120324)	370295.93			

3809227.73 0.71323m (22120324)
370295.93 3809270.71 0.76174m (22120324) 370195.93
3809184.74 0.57022m (22120324)
370195.93 3809227.73 0.60259m (22120324) 370195.93
3809270.71 0.63689m (22120324)
370795.56 3809245.71 3.34836m (22120324) 370795.19
3809220.72 2.90350m (22120324)
370794.82 3809195.72 2.59979m (22120324) 370794.45
3809170.72 2.37463m (22120324)
370711.95 3809285.78 2.34063m (22120324) 370687.20
3809282.25 2.01334m (22120324)
370673.22 3809245.71 1.69267m (22120324) 370662.45
3809278.71 1.79766m (22120324)
370648.48 3809242.17 1.54326m (22120324) 370664.94
3809211.72 1.48769m (22120324)
370705.46 3809184.03 1.55520m (22120324) 370637.71
3809275.17 1.63589m (22120324)
370549.48 3809228.02 1.15812m (22120324) 370565.94
3809197.57 1.12043m (22120324)
370623.24 3809115.20 1.04976m (22120324) 370655.53
3809102.73 1.09536m (22120324)
370538.71 3809261.02 1.21908m (22120324) 370450.49
3809213.87 0.92065m (22120324)
370466.95 3809183.42 0.89532m (22120324) 370524.56
3809076.82 0.80690m (22120324)
370557.16 3809040.14 0.79406m (22120324) 370621.76
3809015.21 0.84737m (22120324)
370654.05 3809002.74 0.88172m (22120324) 370439.72
3809246.87 0.96112m (22120324)
370351.49 3809199.72 0.75125m (22120324) 370367.95
3809169.27 0.73479m (22120324)
370417.33 3809077.90 0.68253m (22120324) 370433.79
3809047.45 0.66460m (22120324)
370466.71 3808986.54 0.62861m (22120324) 370571.83
3808933.92 0.66710m (22120324)
370652.57 3808902.75 0.72613m (23013024) 370684.87
3808890.29 0.76193m (23013024)
370340.72 3809232.72 0.77807m (22120324) 370252.50
3809185.57 0.62397m (22120324)
370268.96 3809155.12 0.61344m (22120324) 370326.57
3809048.52 0.57168m (22120324)
370343.03 3809018.07 0.55876m (22120324) 370367.72
3808972.39 0.53888m (22120324)
370441.16 3808883.78 0.52050m (22111524) 370473.46
3808871.32 0.52903 (23021724)
370521.90 3808852.62 0.55485 (23021724) 370554.20
3808840.16 0.56904 (23021724)
370586.50 3808827.69 0.58083 (23021724) 370634.94
3808809.00 0.61218m (23013024)
370667.24 3808796.53 0.63700m (23013024) 370241.73

3809218.57   0.64193m (22120324)
        370153.51   3809171.42   0.52590m (22120324)   370169.97
3809140.97   0.52109 (18123124)
        370219.34   3809049.60   0.50770 (22011524)   370260.49
3808973.46   0.48691 (22011524)
        370285.18   3808927.78   0.47007 (22011524)   370326.33
3808851.64   0.45172m (22111524)
        370358.94   3808814.95   0.44824m (22111524)   370423.53
3808790.03   0.45643m (22111524)
        370455.83   3808777.56   0.46741 (23021724)   370552.72
3808740.17   0.50423 (22012824)
        370633.46   3808709.01   0.53140 (22012824)   370665.76
3808696.54   0.54717m (23013024)
        370142.74   3809204.42   0.53817m (22120324)   370715.84
3809324.10   2.68242m (22120324)
        370732.34   3809341.87   3.12215m (22120324)   370748.84
3809359.64   3.68287m (22120324)
        370691.09   3809320.56   2.29966m (22120324)   370714.02
3809358.88   2.88763m (22120324)
        370730.52   3809376.65   3.37452m (22120324)   370672.77
3809337.57   2.22265m (22120324)
        370695.70   3809375.89   2.78278m (22120324)   370712.20
3809393.66   3.25572m (22120324)
        370654.45   3809354.59   2.18121m (22120324)   370641.59
3809313.49   1.84415m (22120324)
        370677.38   3809392.90   2.74285m (22120324)   370693.88
3809410.67   3.23137m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
370581.17	3809422.63	2.16741m (22120324)	370568.31	3809381.53	1.80461m (22120324)
370555.46	3809340.44	1.54616m (22120324)	370542.60	3809299.34	1.34715m (22120324)
370604.10	3809460.95	2.83749m (22120324)	370507.30	3809488.80	2.19087m (22120324)
370500.29	3809466.39	1.95009m (22120324)	370493.28	3809443.97	1.76194m (22120324)
370486.27	3809421.55	1.60897m (22120324)	370479.25	3809399.14	1.48096m (22120324)
370472.24	3809376.72	1.37151m (22120324)	370465.23	3809354.31	1.27638m (22120324)
370458.22	3809331.89	1.19253m (22120324)	370451.20	3809309.47	1.11783m (22120324)
370444.19	3809287.06	1.05079m (22120324)	370514.32	3809511.22	2.51861m (22120324)
370530.82	3809528.99	3.07640m (22120324)	370434.18	3809557.35	2.15410m (22120324)
370427.32	3809535.43	1.90794m (22120324)	370420.47	3809513.51	1.72127m (22120324)
370413.61	3809491.59	1.57197m (22120324)	370406.75	3809469.67	1.44835m (22120324)
370399.90	3809447.75	1.34345m (22120324)	370393.04	3809425.84	1.25270m (22120324)
370386.18	3809403.92	1.17302m (22120324)	370379.33	3809382.00	1.10229m (22120324)
370372.47	3809360.08	1.03885m (22120324)	370365.61	3809338.16	0.98152m (22120324)
370358.76	3809316.25	0.92942m (22120324)	370351.90	3809294.33	0.88172m (22120324)
370345.04	3809272.41	0.83788m (22120324)	370441.04	3809579.26	2.50820m (22120324)
370360.61	3809624.48	1.78721m (22120324)	370353.47	3809601.64	1.64379m (22120324)
370346.33	3809578.81	1.51809m (22120324)	370339.19	3809555.98	1.40816m (22120324)
370332.04	3809533.15	1.31165m (22120324)	370324.90	3809510.32	1.22648m (22120324)
370317.76	3809487.49	1.15074m (22120324)	370310.62	3809464.66	1.08289m (22120324)
370303.47	3809441.82	1.02167m (22120324)	370296.33	3809418.99	0.96618m (22120324)
370289.19	3809396.16	0.91556m (22120324)	370282.05	3809373.33	0.86917m (22120324)

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        370274.90   3809350.50        0.82646m (22120324)                370267.76
3809327.67        0.78701m (22120324)
        370260.62   3809304.83        0.75043m (22120324)                370253.48
3809282.00        0.71644m (22120324)
        370246.33   3809259.17        0.68473m (22120324)                370367.76
3809647.31        1.94923m (22120324)
        370384.26   3809665.08        2.25318m (22120324)                370400.76
3809682.85        2.67977m (22120324)
        370287.46   3809692.93        1.40035m (22120324)                370280.45
3809670.52        1.33448m (22120324)
        370273.44   3809648.10        1.27029m (22120324)                370266.42
3809625.69        1.20845m (22120324)
        370259.41   3809603.27        1.14947m (22120324)                370252.40
3809580.85        1.09360m (22120324)
        370245.39   3809558.44        1.04096m (22120324)                370238.37
3809536.02        0.99149m (22120324)
        370231.36   3809513.60        0.94515m (22120324)                370224.35
3809491.19        0.90178m (22120324)
        370217.34   3809468.77        0.86116m (22120324)                370210.32
3809446.35        0.82309m (22120324)
        370203.31   3809423.94        0.78744m (22120324)                370196.30
3809401.52        0.75397m (22120324)
        370189.29   3809379.11        0.72254m (22120324)                370182.27
3809356.69        0.69295m (22120324)
        370175.26   3809334.27        0.66510m (22120324)                370168.25
3809311.86        0.63884m (22120324)
        370161.23   3809289.44        0.61403m (22120324)                370154.22
3809267.02        0.59059m (22120324)
        370147.21   3809244.61        0.56841m (22120324)                370294.48
3809715.35        1.46712m (22120324)
        370310.98   3809733.12        1.59583m (22120324)                370327.48
3809750.89        1.74436m (22120324)
        370741.32   3809400.65        4.07432m (22120324)                370266.37
3809393.82        0.86674m (22120324)
        370166.66   3809372.92        0.68594m (22120324)                370571.99
3809171.50        1.07042m (22120324)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370538.15   3809196.32        1.05422m (22120324)               370436.80
3809022.62        0.64033m (22120324)
        370864.14   3809066.86        1.80420m (22120324)               370901.29
3808974.02        1.28976  (20012724)
        370938.44   3808881.18        1.06288  (20012724)               370666.40
3809421.43        3.00137m (22120324)
        370646.86   3809432.94        2.92719m (22120324)               370627.31
3809444.45        2.86222m (22120324)
        370568.68   3809478.97        2.68692m (22120324)               370549.13
3809490.48        2.62802m (22120324)
        370490.50   3809525.00        2.42812m (22120324)               370653.72
3809399.89        2.56385m (22120324)
        370634.17   3809411.40        2.49837m (22120324)               370614.63
3809422.90        2.44202m (22120324)
        370575.54   3809445.92        2.34172m (22120324)               370555.99
3809457.42        2.29303m (22120324)
        370536.45   3809468.93        2.24354m (22120324)               370477.81
3809503.45        2.07667m (22120324)
        370676.77   3809361.76        2.43635m (22120324)               370641.03
3809378.35        2.25084m (22120324)
        370621.49   3809389.85        2.19238m (22120324)               370601.94
3809401.36        2.14215m (22120324)
        370543.31   3809435.88        2.01068m (22120324)               370523.76
3809447.39        1.96739m (22120324)
        370465.13   3809481.91        1.82432m (22120324)               370628.35
3809356.80        2.00650m (22120324)
        370608.81   3809368.31        1.95505m (22120324)               370550.17
3809402.83        1.83106m (22120324)
        370530.63   3809414.34        1.79317m (22120324)               370511.08
3809425.84        1.75482m (22120324)
        370452.45   3809460.37        1.63053m (22120324)               370618.74
3809252.35        1.45472m (22120324)
        370558.07   3809282.14        1.34121m (22120324)               370518.98
3809305.15        1.29128m (22120324)
        370499.44   3809316.66        1.26737m (22120324)               370440.80
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3809351.18        1.19526m (22120324)
        370421.26   3809362.68        1.17031m (22120324)                370401.71
3809374.19        1.14465m (22120324)
        370632.76   3809145.87        1.15120m (22120324)                370654.34
3809139.10        1.19128m (22120324)
        370546.43   3809172.95        1.01947m (22120324)                370370.52
3809276.51        0.88661m (22120324)
        370560.44   3809066.46        0.84048m (22120324)                370625.19
3809046.16        0.90815m (22120324)
        370646.78   3809039.39        0.93559m (22120324)                370456.60
3809109.79        0.76715m (22120324)
        370437.06   3809121.29        0.75850m (22120324)                370339.33
3809178.83        0.71157m (22120324)
        370319.79   3809190.34        0.70136m (22120324)                370574.46
3808959.98        0.70251m (22120324)
        370794.94   3808953.51        1.51003m (22120324)                370862.01
3808963.82        1.66371m (22120324)
        370347.23   3809058.13        0.59697m (22120324)                370249.51
3809115.67        0.56392m (22120324)
        370545.31   3808867.04        0.58319  (23021724)                370566.89
3808860.27        0.59439  (23021724)
        370631.64   3808839.96        0.63638m (23013024)                370675.58
3808836.63        0.68793m (23013024)
        370899.16   3808870.97        1.13802  (20012724)                370374.68
3808925.93        0.51034m (22111524)
        370355.13   3808937.44        0.50529m (22111524)                370471.09
3809541.06        2.40590m (22120324)
        370454.86   3809522.04        2.04040m (22120324)                370407.26
3809562.65        1.91704m (22120324)
        370391.04   3809543.64        1.67733m (22120324)                370390.67
3809511.08        1.53051m (22120324)
        370357.49   3809407.94        1.10019m (22120324)                370325.76
3809435.01        1.06858m (22120324)
        370322.63   3809308.23        0.85147m (22120324)                370292.58
3809331.87        0.83258m (22120324)
        370244.99   3809372.48        0.80230m (22120324)                370271.89
3809222.05        0.67862m (22120324)
        370221.16   3809135.88        0.55587m (22120324)                370115.17
3809220.34        0.52539m (22120324)
        370127.89   3809080.01        0.47434  (22011524)                370156.25
3809059.81        0.48217  (22011524)
        370097.85   3809103.66        0.46345  (22011524)                370066.12
3809130.73        0.45030  (18123124)
        370417.83   3809588.61        2.25219m (22120324)                370404.29
3809613.15        2.26465m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370389.17	3809588.81	1.90246m	(22120324)	370374.05	3809564.46	1.65182m	(22120324)
370359.71	3809543.13	1.47910m	(22120324)	370272.16	3809494.82	1.02551m	(22120324)
370287.25	3809476.31	1.03728m	(22120324)	370257.84	3809516.34	1.01812m	(22120324)
370185.54	3809445.35	0.77819m	(22120324)	370219.51	3809403.71	0.79395m	(22120324)
370170.28	3809468.03	0.77306m	(22120324)	370097.73	3809397.36	0.61867m	(22120324)
370114.20	3809377.17	0.62433m	(22120324)	370130.67	3809356.98	0.62934m	(22120324)
370147.14	3809336.79	0.63365m	(22120324)	370082.72	3809419.72	0.61540m	(22120324)
370010.65	3809348.46	0.50729m	(22120324)	370028.07	3809327.11	0.51156m	(22120324)
370045.49	3809305.76	0.51537m	(22120324)	370062.91	3809284.40	0.51867m	(22120324)
370080.33	3809263.05	0.52146m	(22120324)	370097.75	3809241.69	0.52370m	(22120324)
369995.17	3809371.41	0.50490m	(22120324)	369922.87	3809300.42	0.42500m	(22120324)
369939.86	3809279.60	0.42813m	(22120324)	369956.84	3809258.78	0.43095m	(22120324)
369973.83	3809237.96	0.43346m	(22120324)	369990.81	3809217.14	0.43561m	(22120324)

370007.80 3809196.32 0.43742m (22120324) 370024.78
3809175.50 0.43886m (22120324)
370041.77 3809154.68 0.44114 (18123124) 369907.61
3809323.10 0.42328m (22120324)
370401.18 3809644.27 2.44718m (22120324) 370376.18
3809701.38 2.25563m (22120324)
370351.18 3809663.30 1.82227m (22120324) 370351.18
3809701.38 1.91610m (22120324)
370330.33 3809609.13 1.50454m (22120324) 370326.18
3809644.27 1.56331m (22120324)
370326.18 3809682.34 1.64248m (22120324) 370230.33
3809609.13 1.05759m (22120324)
370226.18 3809644.27 1.08228m (22120324) 370226.18
3809682.34 1.11892m (22120324)
370130.85 3809607.11 0.81194m (22120324) 370140.18
3809570.88 0.80353m (22120324)
370149.51 3809534.65 0.79277m (22120324) 370158.84
3809498.42 0.77965m (22120324)
370126.18 3809644.27 0.82788m (22120324) 370126.18
3809682.34 0.85225m (22120324)
370030.70 3809607.66 0.65391m (22120324) 370039.75
3809572.53 0.64816m (22120324)
370048.80 3809537.39 0.64148m (22120324) 370057.85
3809502.26 0.63375m (22120324)
370066.90 3809467.13 0.62492m (22120324) 370026.18
3809644.27 0.66573m (22120324)
370026.18 3809682.34 0.68430m (22120324) 369930.62
3809607.98 0.54154m (22120324)
369939.51 3809573.47 0.53730m (22120324) 369948.40
3809538.96 0.53267m (22120324)
369957.29 3809504.46 0.52753m (22120324) 369966.18
3809469.95 0.52180m (22120324)
369975.06 3809435.44 0.51542m (22120324) 369983.95
3809400.94 0.50842m (22120324)
369926.18 3809644.27 0.55062m (22120324) 369926.18
3809682.34 0.56515m (22120324)
369830.85 3809607.11 0.45624m (22120324) 369840.18
3809570.88 0.45310m (22120324)
369849.51 3809534.65 0.44968m (22120324) 369858.84
3809498.42 0.44589m (22120324)
369868.18 3809462.19 0.44167m (22120324) 369877.51
3809425.95 0.43698m (22120324)
369886.84 3809389.72 0.43181m (22120324) 369896.17
3809353.49 0.42615m (22120324)
369826.18 3809644.27 0.46306m (22120324) 369826.18
3809682.34 0.47406m (22120324)
370416.53 3809664.61 3.02279m (22120324) 370269.95
3809550.81 1.10758m (22120324)
370291.25 3809537.01 1.15750m (22120324) 370355.13
3809495.60 1.30899m (22120324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370326.12	3809404.20	1.01173m	(22120324)	370409.52	3809403.37	1.24391m	(22120324)
370434.36	3809408.55	1.34431m	(22120324)	370459.20	3809413.74	1.45769m	(22120324)
370084.65	3809450.52	0.63654m	(22120324)	370106.87	3809436.12	0.65511m	(22120324)
370129.09	3809421.72	0.67398m	(22120324)	370151.31	3809407.32	0.69305m	(22120324)
370217.96	3809364.11	0.75038m	(22120324)	370240.18	3809349.71	0.76915m	(22120324)
370380.90	3809302.92	0.94973m	(22120324)	370406.82	3809308.33	1.01313m	(22120324)
370523.46	3809332.69	1.39616m	(22120324)	370588.26	3809346.22	1.71939m	(22120324)
370013.33	3809386.55	0.52743m	(22120324)	370035.36	3809372.27	0.54037m	(22120324)
370057.38	3809358.00	0.55342m	(22120324)	370079.41			

3809343.72 0.56654m (22120324)
370101.44 3809329.44 0.57968m (22120324) 370123.47
3809315.16 0.59277m (22120324)
370222.59 3809250.91 0.64962m (22120324) 370374.94
3809207.21 0.79248m (22120324)
370426.33 3809217.94 0.88667m (22120324) 370529.12
3809239.41 1.13662m (22120324)
370567.66 3809247.45 1.26253m (22120324) 369930.96
3809329.74 0.44061m (22120324)
369952.87 3809315.54 0.45006m (22120324) 369974.77
3809301.35 0.45954m (22120324)
369996.67 3809287.15 0.46904m (22120324) 370018.57
3809272.95 0.47853m (22120324)
370040.47 3809258.76 0.48799m (22120324) 370062.37
3809244.56 0.49736m (22120324)
370305.12 3809098.16 0.59658m (22120324) 370330.67
3809103.50 0.62444m (22120324)
370356.22 3809108.83 0.65429m (22120324) 370471.19
3809132.84 0.81983m (22120324)
370522.29 3809143.51 0.91590m (22120324) 370547.84
3809148.85 0.97141m (22120324)
370650.03 3809170.19 1.27484m (22120324) 370675.58
3809175.52 1.38459m (22120324)
370319.16 3809706.25 1.62612m (22120324) 370303.85
3809664.90 1.45636m (22120324)
370199.63 3809671.75 1.02465m (22120324) 370194.38
3809698.88 1.03050m (22120324)
370099.80 3809665.85 0.79156m (22120324) 370094.55
3809692.98 0.79791m (22120324)
370000.27 3809659.10 0.63917m (22120324) 369994.73
3809687.08 0.64507m (22120324)
369900.38 3809653.38 0.52907m (22120324) 369909.64
3809626.54 0.52829m (22120324)
369894.90 3809681.18 0.53381m (22120324) 369800.51
3809647.59 0.44464m (22120324)
369809.69 3809620.99 0.44437m (22120324) 369795.08
3809675.28 0.44793m (22120324)
370370.90 3809736.56 2.25216m (22120324) 370372.69
3809760.56 2.31377m (22120324)
370374.49 3809784.57 2.35076m (22120324) 370376.29
3809808.58 2.34854m (22120324)
370378.09 3809832.59 2.29968m (22120324) 370379.88
3809856.60 2.22651m (22120324)
370381.68 3809880.61 2.16005m (22120324) 370383.48
3809904.62 2.11497m (22120324)
370347.76 3809762.43 1.95812m (22120324) 370349.56
3809786.44 1.98264m (22120324)
370351.36 3809810.45 1.98767m (22120324) 370353.16
3809834.46 1.97415m (22120324)
370354.95 3809858.47 1.95017m (22120324) 370356.75

3809882.47   1.92767m (22120324)
        370358.55   3809906.48   1.91681m (22120324)   370324.63
3809788.31   1.73380m (22120324)
        370326.43   3809812.31   1.74507m (22120324)   370328.23
3809836.32   1.74770m (22120324)
        370330.02   3809860.33   1.74604m (22120324)   370331.82
3809884.34   1.74654m (22120324)
        370333.62   3809908.35   1.75627m (22120324)   370297.90
3809766.16   1.52917m (22120324)
        370299.70   3809790.17   1.55022m (22120324)   370301.50
3809814.18   1.56562m (22120324)
        370303.30   3809838.19   1.57699m (22120324)   370305.09
3809862.20   1.58729m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370306.89   3809886.21   1.60092m (22120324)   370308.69
3809910.22   1.62331m (22120324)
        370194.59   3809725.61   1.05036m (22120324)   370196.39
3809749.62   1.07198m (22120324)
        370198.18   3809773.63   1.09293m (22120324)   370199.98
3809797.64   1.11373m (22120324)
        370201.78   3809821.65   1.13506m (22120324)   370203.58
3809845.66   1.15798m (22120324)

370205.37 3809869.66 1.18398m (22120324) 370207.17
3809893.67 1.21528m (22120324)
370208.97 3809917.68 1.25492m (22120324) 370094.87
3809733.08 0.82180m (22120324)
370096.66 3809757.09 0.83952m (22120324) 370098.46
3809781.10 0.85806m (22120324)
370100.26 3809805.10 0.87783m (22120324) 370102.06
3809829.11 0.89944m (22120324)
370103.85 3809853.12 0.92369m (22120324) 370105.65
3809877.13 0.95172m (22120324)
370107.45 3809901.14 0.98500m (22120324) 370109.25
3809925.15 1.02563m (22120324)
369995.01 3809722.72 0.66242m (22120324) 369996.94
3809764.55 0.68688m (22120324)
369998.74 3809788.56 0.70348m (22120324) 370000.54
3809812.57 0.72183m (22120324)
370002.34 3809836.58 0.74256m (22120324) 370004.13
3809860.59 0.76649m (22120324)
370005.93 3809884.60 0.79477m (22120324) 370007.73
3809908.61 0.82895m (22120324)
370009.53 3809932.61 0.87119m (22120324) 369895.25
3809725.73 0.55105m (22120324)
369897.22 3809772.02 0.57322m (22120324) 369899.02
3809796.03 0.58730m (22120324)
369900.82 3809820.04 0.60320m (22120324) 369902.62
3809844.04 0.62155m (22120324)
369904.41 3809868.05 0.64327m (22120324) 369906.21
3809892.06 0.66977m (22120324)
369908.01 3809916.07 0.70317m (22120324) 369909.81
3809940.08 0.74693m (22120324)
369795.55 3809735.43 0.46521m (22120324) 369797.50
3809779.48 0.48104m (22120324)
369799.30 3809803.49 0.49145m (22120324) 369801.10
3809827.50 0.50303m (22120324)
369802.89 3809851.51 0.51612m (22120324) 369804.69
3809875.52 0.53126m (22120324)
369806.49 3809899.53 0.54916m (22120324) 369808.29
3809923.54 0.57083m (22120324)
369810.08 3809947.55 0.59779m (22120324) 370404.61
3809927.46 2.25692m (22120324)
370386.26 3809944.44 2.10570m (22120324) 370422.82
3809955.55 2.38787m (22120324)
370382.47 3809969.15 2.13015m (22120324) 370346.78
3809938.57 1.85382m (22120324)
370419.02 3809980.26 2.41419m (22120324) 370373.82
3809991.28 2.20061m (22120324)
370326.23 3809950.51 1.77014m (22120324) 370415.22
3810004.97 2.59529m (22120324)
370252.83 3810018.42 1.86382m (22120324) 370235.28
3809978.13 1.50333m (22120324)

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3810032.38        3.18761m (22120324)
        370343.23   3809979.84        1.96370m (22120324)                370421.52
3810136.59        2.04446m (22120324)
        370384.60   3810125.10        2.27209m (22120324)                370347.67
3810113.62        2.68801m (22120324)
        370459.45   3810141.48        1.99093m (22120324)                370426.73
3810236.75        1.21292m (22120324)
        370391.48   3810225.79        1.24481m (22120324)                370356.23
3810214.83        1.28393m (22120324)
        370320.98   3810203.86        1.33609m (22120324)                370285.74
3810192.90        1.41087m (22120324)
        370240.39   3810166.49        1.72807m (22120324)                370463.81
3810241.38        1.21377m (22120324)
        370430.25   3810336.40        0.87784m (22120324)                370393.33
3810324.91        0.91482  (23122024)
        370301.01   3810296.20        0.95763  (23122024)                370264.08
3810284.71        0.95376  (23122024)
        370227.16   3810273.23        0.97747m (22120324)                370179.65
3810245.56        1.09294m (22120324)
        370147.92   3810197.00        1.51418m (22120324)                370468.18
3810341.29        0.88088m (22120324)
        370435.13   3810436.46        0.68044m (22120324)                370399.23
3810425.29        0.70693  (23122024)
        370255.62   3810380.63        0.79276  (23122024)                370219.72
3810369.47        0.79139  (23122024)
        370183.82   3810358.30        0.78323  (23122024)                370147.92
3810347.13        0.77074  (23122024)
        370119.69   3810325.81        0.77463  (23122024)                370099.12
3810294.34        0.85326m (22120324)
        370057.98   3810231.40        1.18253m (22120324)                370037.41
3810199.93        1.59031m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370472.54	3810441.19	0.68336m	(22120324)	370438.98	3810536.21	0.54863m	(22120324)
370402.05	3810524.72	0.56684	(21020824)	370365.13	3810513.24	0.58973	(23122024)
370272.81	3810484.52	0.65552	(23122024)	370235.88	3810473.04	0.66915	(23122024)
370198.96	3810461.55	0.67514	(23122024)	370162.03	3810450.07	0.67402	(23122024)
370125.10	3810438.58	0.66691	(23122024)	370088.18	3810427.10	0.65517	(23122024)
370059.14	3810405.17	0.65325	(23122024)	370037.98	3810372.80	0.66431	(23122024)
369985.09	3810291.87	0.75533m	(22120324)	369963.93	3810259.50	0.84142m	(22120324)
369942.77	3810227.13	0.95318m	(22120324)	369889.88	3810146.20	1.45707m	(22120324)
370476.90	3810541.10	0.55083m	(22120324)	370474.63	3809964.91	2.88999m	(22120324)
370476.55	3809989.83	2.93231m	(22120324)	370478.46	3810014.76	3.24297m	(22120324)
370488.04	3810139.39	2.04336m	(22120324)	370495.70	3810239.10	1.24246m	(22120324)
370503.36	3810338.80	0.89992m	(22120324)	370511.02	3810438.51	0.69724m	(22120324)
370518.68	3810538.22	0.56142m	(22120324)	370509.42	3809980.35	3.29330m	(22120324)
370549.44	3809984.71	4.19789m	(22120324)	370573.98	3809984.15	5.02061m	(22120324)
370508.28	3810153.66	1.87516m	(22120324)	370553.46	3810159.66	1.83757m	(22120324)
370577.99	3810159.10	1.85028m	(22120324)	370602.53	3810158.54	1.85306m	(22120324)
370531.22	3810260.20	1.16596m	(22120324)	370555.75	3810259.64	1.17735m	(22120324)
370580.29	3810259.07	1.18677m	(22120324)	370604.83	3810258.51	1.19389m	(22120324)
370533.51	3810360.17	0.85680m	(22120324)	370558.05	3810359.61	0.86439m	(22120324)
370582.58	3810359.05	0.87104m	(22120324)	370607.12	3810358.48	0.87669m	(22120324)

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        370381.01   3810410.92        0.74119  (23122024)                370535.81
3810460.15        0.66810m (22120324)
        370560.34   3810459.58        0.67339m (22120324)                370584.88
3810459.02        0.67807m (22120324)
        370609.42   3810458.46        0.68211m (22120324)                370538.10
3810560.12        0.53992m (22120324)
        370562.64   3810559.56        0.54369m (22120324)                370587.18
3810559.00        0.54704m (22120324)
        370611.71   3810558.43        0.54995m (22120324)                370636.30
3810158.59        1.83016m (22120324)
        370636.30   3810258.59        1.19627m (22120324)                370636.30
3810358.59        0.88011m (22120324)
        370636.30   3810458.59        0.68460m (22120324)                370636.30
3810558.59        0.55158m (22120324)
        370628.50   3809965.20        5.00170m (22120324)                370604.05
3809959.96        4.77896m (22120324)
        370264.36   3809874.76        1.39567m (22120324)                370166.58
3809853.80        1.06268m (22120324)
        370068.81   3809832.84        0.84213m (22120324)                370574.99
3809959.21        4.46434m (22120324)
        370534.87   3809384.19        1.65389m (22120324)                370447.55
3809499.67        1.82094m (22120324)
        370501.33   3809947.91        3.42531m (22120324)                370438.06
3809603.68        2.87471m (22120324)
        370401.99   3809827.97        2.84483m (22120324)                370298.85
3809939.14        1.61870m (22120324)
        370243.90   3809844.43        1.29458m (22120324)                370260.00
3809822.67        1.34946m (22120324)
        370276.09   3809800.90        1.41751m (22120324)                370135.93
3809827.51        0.96817m (22120324)
        370152.79   3809804.71        0.99021m (22120324)                370169.65
3809781.91        1.01725m (22120324)
        370220.24   3809713.50        1.12415m (22120324)                370249.97
3809684.76        1.21153m (22120324)
        370035.10   3809800.93        0.76384m (22120324)                370052.46
3809777.46        0.77561m (22120324)
        370069.82   3809753.99        0.78988m (22120324)                370156.61
3809636.62        0.88655m (22120324)
        370187.22   3809607.03        0.93484m (22120324)                369942.21
3809763.62        0.61855m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369959.07	3809740.82	0.62690m	(22120324)	370043.38	3809626.81	0.68062m	(22120324)
370060.24	3809604.01	0.69267m	(22120324)	370077.11	3809581.21	0.70474m	(22120324)
370093.97	3809558.40	0.71659m	(22120324)	370123.70	3809529.66	0.74450m	(22120324)
369928.28	3809788.56	0.61582m	(22120324)	370369.81	3810015.22	2.46018m	(22120324)
370345.98	3810017.62	2.35753m	(22120324)	370322.15	3810020.02	2.26103m	(22120324)
370319.65	3809995.14	1.95271m	(22120324)	370359.94	3809438.31	1.17665m	(22120324)
370298.00	3810008.00	1.97013m	(22120324)	370395.85	3809750.99	2.82310m	(22120324)
370467.00	3809564.08	2.69958m	(22120324)	370292.88	3809981.50	1.74221m	(22120324)
370272.34	3809954.88	1.55123m	(22120324)	370274.23	3809929.95	1.49904m	(22120324)
370281.77	3809830.23	1.45598m	(22120324)	370266.89	3809728.82	1.32843m	(22120324)
370296.84	3809630.80	1.35759m	(22120324)	370229.12	3810008.08	1.65808m	(22120324)
370213.97	3809988.20	1.47717m	(22120324)	370198.81	3809968.31	1.34717m	(22120324)
370200.70	3809943.39	1.28196m	(22120324)	370165.89	3809961.97	1.23559m	(22120324)
370123.78	3809771.19	0.90235m	(22120324)	370164.67	3809759.09	0.98959m	(22120324)
370226.00	3809740.93	1.16479m	(22120324)	370043.78	3809697.39	0.71722m	(22120324)
370148.62	3809666.35	0.88982m	(22120324)	369962.53			

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3809623.96        0.58028m (22120324)
        370005.12   3809611.35        0.62346m (22120324)                370111.60
3809579.83        0.75877m (22120324)
        370175.49   3809560.92        0.86633m (22120324)                370218.08
3809548.31        0.95315m (22120324)
        369901.07   3809544.67        0.49284m (22120324)                369982.85
3809520.46        0.55875m (22120324)
        370023.73   3809508.36        0.59674m (22120324)                370085.07
3809490.20        0.66154m (22120324)
        370125.95   3809478.10        0.71075m (22120324)                369862.86
3809564.26        0.46833m (22120324)
        370199.04   3810010.39        1.55642m (22120324)                370180.04
3809987.73        1.36632m (22120324)
        370173.34   3809938.18        1.19583m (22120324)                370283.74
3809745.91        1.43056m (22120324)
        370146.56   3809739.98        0.93315m (22120324)                370179.61
3809638.10        0.94239m (22120324)
        370152.83   3809439.90        0.72140m (22120324)                370334.32
3809457.31        1.13952m (22120324)
        370379.69   3809461.66        1.30830m (22120324)                370435.76
3809480.59        1.64123m (22120324)
        370170.12   3810018.60        1.50887m (22120324)                370121.67
3809994.77        1.23781m (22120324)
        370105.06   3809976.08        1.13483m (22120324)                370071.53
3809879.69        0.89204m (22120324)
        369972.17   3809826.61        0.69399m (22120324)                369938.64
3809730.22        0.59853m (22120324)
        369974.01   3809713.97        0.63201m (22120324)                370062.44
3809673.37        0.73308m (22120324)
        369872.20   3809655.48        0.50431m (22120324)                369978.31
3809606.75        0.59041m (22120324)
        369805.76   3809580.75        0.43120m (22120324)                369929.55
3809523.90        0.50997m (22120324)
        370000.29   3809491.41        0.56367m (22120324)                370035.66
3809475.17        0.59337m (22120324)
        369772.85   3809602.41        0.41437m (22120324)                370271.87
3809767.40        1.38020m (22120324)
        370314.34   3809567.93        1.31552m (22120324)                370091.74
3810006.93        1.22123m (22120324)
        370100.58   3809953.84        1.06629m (22120324)                370075.81
3809933.64        0.97813m (22120324)
        370052.79   3809733.98        0.75064m (22120324)                370068.97
3809639.87        0.72521m (22120324)
        370010.31   3809538.54        0.59609m (22120324)                370008.27
3809442.68        0.54915m (22120324)
        370046.67   3809446.39        0.59034m (22120324)                370123.48
3809453.82        0.68960m (22120324)
        370076.31   3809987.26        1.11398m (22120324)                370034.35
3810045.80        1.35051m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370065.94	3809965.21	1.03027m	(22120324)	370020.77	3810016.63	1.15031m	(22120324)
370007.20	3809987.47	1.00956m	(22120324)	369989.43	3810023.85	1.16724m	(22120324)
369962.35	3809887.92	0.73848m	(22120324)	369899.57	3809979.96	0.83860m	(22120324)
369863.66	3809854.96	0.58438m	(22120324)	369963.93	3809770.85	0.64819m	(22120324)
370015.98	3809746.37	0.70287m	(22120324)	369750.14	3809840.34	0.46072m	(22120324)
369775.14	3809809.42	0.47204m	(22120324)	369825.15	3809747.57	0.49400m	(22120324)
369868.15	3809708.19	0.51857m	(22120324)	369958.11	3809665.88	0.59258m	(22120324)
369728.75	3809873.99	0.45270m	(22120324)	369659.50	3809797.42	0.38081m	(22120324)
369682.94	3809768.43	0.39089m	(22120324)	369706.38	3809739.44	0.40063m	(22120324)
369729.83	3809710.45	0.41016m	(22120324)	369753.27	3809681.46	0.41955m	(22120324)
369776.71	3809652.47	0.42886m	(22120324)	369855.90	3809606.24	0.47538m	(22120324)

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        369889.64   3809590.37        0.49823m (22120324)               369973.98
3809550.70        0.56243m (22120324)
        369638.90   3809830.10        0.37274m (22120324)               369569.98
3809753.11        0.32375m (22120324)
        369594.09   3809723.30        0.33244m (22120324)               369618.20
3809693.48        0.34094m (22120324)
        369642.32   3809663.66        0.34925m (22120324)               369666.43
3809633.84        0.35738m (22120324)
        369690.54   3809604.02        0.36535m (22120324)               369714.65
3809574.21        0.37317m (22120324)
        369744.05   3809551.14        0.38529m (22120324)               369778.75
3809534.82        0.40244m (22120324)
        369813.45   3809518.49        0.42047m (22120324)               369882.85
3809485.85        0.45949m (22120324)
        369917.55   3809469.53        0.48064m (22120324)               369549.04
3809786.21        0.31668m (22120324)
        370070.79   3810030.88        1.30375m (22120324)               370176.42
3809804.29        1.05016m (22120324)
        370010.76   3810053.84        1.41308m (22120324)               369982.90
3809984.21        0.96868m (22120324)
        369976.57   3809793.17        0.67704m (22120324)               370078.65
3809796.01        0.83174m (22120324)
        370129.69   3809797.42        0.93240m (22120324)               369941.31
3809700.38        0.58850m (22120324)
        370011.88   3809702.34        0.67462m (22120324)               370117.75
3809705.28        0.84930m (22120324)
        370153.04   3809706.26        0.92677m (22120324)               370085.81
3809612.58        0.73644m (22120324)
        369884.65   3809515.18        0.47010m (22120324)               370078.74
3809520.57        0.67144m (22120324)
        370184.60   3809523.52        0.85094m (22120324)               369995.05
3810077.05        1.77217m (22120324)
        369949.35   3810063.04        1.69093m (22120324)               369924.35
3810063.04        1.83546m (22120324)
        369960.07   3810002.60        1.02326m (22120324)               369824.96
3810061.03        0.96831m (22120324)
        369849.52   3809980.95        0.73573m (22120324)               369867.48
3809954.42        0.70870m (22120324)
        369820.05   3810095.66        0.97638m (22120324)               369725.21
3810060.23        0.51610m (22120324)
        369735.52   3810026.60        0.52597m (22120324)               369745.84
3809992.96        0.52739m (22120324)
        369756.15   3809959.33        0.52308m (22120324)               369766.46
3809925.69        0.51637m (22120324)
        369867.51   3809831.63        0.57345m (22120324)               369720.05
3810095.66        0.50722m (22120324)
        369625.34   3810059.80        0.38602m (22120324)               369635.92
3810025.30        0.39533m (22120324)
        369646.50   3809990.81        0.40243m (22120324)               369657.08
3809956.31        0.40736m (22120324)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369536.17	3810024.50	0.32167m	(22120324)	369546.91	3809989.46	0.32809m	(22120324)
369557.65	3809954.42	0.33359m	(22120324)	369568.40	3809919.39	0.33816m	(22120324)
369579.14	3809884.35	0.34185m	(22120324)	369589.89	3809849.31	0.34478m	(22120324)
369600.63	3809814.28	0.34705m	(22120324)	369620.27	3809785.26	0.35469m	(22120324)
369648.81	3809762.27	0.36821m	(22120324)	369677.35	3809739.28	0.38183m	(22120324)
369705.89	3809716.29	0.39557m	(22120324)	369520.05	3810095.66	0.30931m	(22120324)
369425.48	3810059.35	0.26626m	(22120324)	369436.34			

3810023.94 0.27198m (22120324)
369447.19 3809988.54 0.27728m (22120324) 369458.05
3809953.13 0.28210m (22120324)
369468.91 3809917.73 0.28643m (22120324) 369479.76
3809882.32 0.29024m (22120324)
369490.62 3809846.91 0.29354m (22120324) 369501.48
3809811.51 0.29636m (22120324)
369512.34 3809776.10 0.29873m (22120324) 369537.61
3809729.08 0.30605m (22120324)
369566.45 3809705.85 0.31694m (22120324) 369595.29
3809682.62 0.32800m (22120324)
369420.05 3810095.66 0.26229m (22120324) 369901.74
3810040.28 1.33882m (22120324)
369880.48 3810031.82 1.15378m (22120324) 369932.24
3810025.51 1.16226m (22120324)
369910.99 3810017.05 1.06692m (22120324) 369889.73
3810008.59 0.96106m (22120324)
369868.47 3810000.13 0.85538m (22120324) 370114.35
3809506.03 0.71322m (22120324)
369860.70 3809758.27 0.53053m (22120324) 369776.13
3809755.26 0.45554m (22120324)
369843.71 3809660.20 0.48168m (22120324) 369773.90
3809557.07 0.40457m (22120324)
369913.08 3809570.38 0.51188m (22120324) 369965.27
3809575.37 0.56357m (22120324)
370000.06 3809578.70 0.60277m (22120324) 369755.38
3809458.85 0.37188m (22120324)
369790.55 3809462.21 0.39233m (22120324) 369825.71
3809465.58 0.41450m (22120324)
369720.04 3809460.55 0.35391m (22120324) 369809.69
3810039.14 0.76975m (22120324)
369799.53 3810060.29 0.75996m (22120324) 369787.15
3810028.32 0.65551m (22120324)
369776.99 3810049.47 0.64550m (22120324) 369775.56
3810004.00 0.59445m (22120324)
369802.35 3809983.40 0.62971m (22120324) 369754.46
3810038.64 0.57220m (22120324)
369695.72 3809909.41 0.43272m (22120324) 369752.57
3809872.46 0.47491m (22120324)
369773.70 3809862.98 0.49190m (22120324) 369605.58
3809866.11 0.35623m (22120324)
369620.17 3809848.12 0.36323m (22120324) 369691.61
3809793.19 0.40177m (22120324)
369712.74 3809783.70 0.41477m (22120324) 369733.87
3809774.22 0.42806m (22120324)
369755.00 3809764.74 0.44164m (22120324) 369530.03
3809804.82 0.30907m (22120324)
369630.65 3809713.91 0.35044m (22120324) 369651.78
3809704.43 0.36073m (22120324)
369672.91 3809694.95 0.37131m (22120324) 369694.04

3809685.47   0.38218m (22120324)
        369715.18   3809675.99   0.39338m (22120324)   369736.31
3809666.50   0.40488m (22120324)
        369396.12   3809815.48   0.25492m (22120324)   369410.71
3809797.49   0.25941m (22120324)
        369425.30   3809779.51   0.26390m (22120324)   369439.89
3809761.52   0.26836m (22120324)
        369454.48   3809743.53   0.27280m (22120324)   369469.07
3809725.55   0.27721m (22120324)
        369483.66   3809707.56   0.28158m (22120324)   369498.25
3809689.58   0.28592m (22120324)
        369512.84   3809671.59   0.29021m (22120324)   369548.57
3809644.12   0.30230m (22120324)
        369569.70   3809634.64   0.31037m (22120324)   369590.83
3809625.16   0.31867m (22120324)
        369611.96   3809615.68   0.32721m (22120324)   369633.09
3809606.19   0.33598m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369654.22   3809596.71   0.34501m (22120324)   369675.35
3809587.23   0.35429m (22120324)
        369381.52   3809833.47   0.25042m (22120324)   369371.36
3809854.62   0.24746m (22120324)

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        369305.98   3809772.18        0.22548m (22120324)               369320.57
3809754.19        0.22910m (22120324)
        369335.16   3809736.21        0.23271m (22120324)               369349.75
3809718.22        0.23632m (22120324)
        369364.34   3809700.23        0.23992m (22120324)               369378.93
3809682.25        0.24350m (22120324)
        369393.52   3809664.26        0.24706m (22120324)               369408.11
3809646.28        0.25060m (22120324)
        369422.71   3809628.29        0.25411m (22120324)               369437.30
3809610.30        0.25759m (22120324)
        369451.89   3809592.32        0.26103m (22120324)               369487.61
3809564.85        0.27086m (22120324)
        369508.74   3809555.37        0.27746m (22120324)               369529.87
3809545.89        0.28423m (22120324)
        369551.00   3809536.40        0.29119m (22120324)               369572.13
3809526.92        0.29833m (22120324)
        369593.26   3809517.44        0.30566m (22120324)               369614.39
3809507.96        0.31318m (22120324)
        369635.52   3809498.48        0.32090m (22120324)               369656.65
3809488.99        0.32883m (22120324)
        369677.78   3809479.51        0.33697m (22120324)               369698.91
3809470.03        0.34532m (22120324)
        369291.39   3809790.17        0.22186m (22120324)               369281.23
3809811.32        0.21950m (22120324)
        369775.25   3810088.68        0.65893m (22120324)               369752.71
3810077.86        0.58235m (22120324)
        369759.46   3810117.78        0.59566m (22120324)               369736.05
3810126.56        0.53256m (22120324)
        369635.68   3810121.77        0.39083m (22120324)               369642.43
3810161.68        0.38987m (22120324)
        369542.13   3810155.11        0.31627m (22120324)               369544.03
3810112.33        0.32200m (22120324)
        369545.93   3810069.55        0.32616m (22120324)               369548.80
3810196.81        0.31420m (22120324)
        369448.48   3810190.72        0.26629m (22120324)               369450.34
3810148.89        0.27103m (22120324)
        369452.20   3810107.06        0.27501m (22120324)               369454.06
3810065.23        0.27818m (22120324)
        369455.17   3810231.94        0.26437m (22120324)               369354.84
3810226.12        0.22980m (22120324)
        369356.68   3810184.84        0.23368m (22120324)               369358.51
3810143.56        0.23714m (22120324)
        369360.35   3810102.28        0.24013m (22120324)               369362.19
3810061.01        0.24262m (22120324)
        369364.02   3810019.73        0.24459m (22120324)               369365.86
3809978.45        0.24604m (22120324)
        369367.69   3809937.17        0.24698m (22120324)               369369.53
3809895.89        0.24745m (22120324)
        369361.54   3810267.07        0.22813m (22120324)               369261.25
3810260.50        0.20176m (22120324)
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X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
369629.38	3810295.74	0.34045m (22120324)	369602.52	3810262.76	0.33297m (22120324)
369575.66	3810229.79	0.32406m (22120324)	369689.13	3810357.47	0.35536m (22120324)
369708.59	3810369.74	0.36212m (22120324)	369602.91	3810413.30	0.29165m (22120324)
369576.05	3810380.32	0.28870m (22120324)	369549.19	3810347.35	0.28470m (22120324)
369522.32	3810314.38	0.27975m (22120324)	369495.46	3810281.40	0.27403m (22120324)
369635.80	3810442.06	0.29729m (22120324)	369655.26	3810454.33	0.30167m (22120324)
369548.61	3810496.71	0.25176m (22120324)	369534.22	3810479.05	0.25094m (22120324)
369519.83	3810461.38	0.24994m (22120324)	369505.44	3810443.72	0.24874m (22120324)
369491.05	3810426.05	0.24735m (22120324)	369476.66	3810408.39	0.24578m (22120324)
369462.27	3810390.72	0.24405m (22120324)	369447.88	3810373.06	0.24215m (22120324)
369433.49	3810355.39	0.24011m (22120324)	369419.10	3810337.73	0.23793m (22120324)
369404.71	3810320.06	0.23563m (22120324)	369390.32	3810302.40	0.23322m (22120324)
369375.93	3810284.73	0.23072m (22120324)	369563.00	3810514.38	0.25487 (23042924)
369582.46	3810526.65	0.25941 (23042924)	369601.92	3810538.92	0.26905 (23122024)
369495.45	3810581.51	0.22844 (23042924)	369481.23	3810564.05	0.22603 (23042924)
369467.01	3810546.59	0.22281 (23042924)	369438.56	3810511.68	0.21844m (22120324)
369424.34	3810494.22	0.21748m (22120324)	369410.12	3810476.77	0.21640m (22120324)
369395.90	3810459.31	0.21521m (22120324)	369381.68	3810441.85	0.21391m (22120324)
369353.24	3810406.94	0.21099m (22120324)	369339.02	3810389.48	0.20939m (22120324)
369324.80	3810372.02	0.20770m (22120324)	369310.58	3810354.57	0.20594m (22120324)
369296.36	3810337.11	0.20410m (22120324)	369509.67	3810598.96	0.23005 (23042924)
369529.13	3810611.23	0.23854 (23122024)	369548.59	3810623.50	0.25370 (23122024)
369674.57	3810067.46	0.43828m (22120324)	369577.56		

3810043.21   0.34811m (22120324)
        369480.54   3810018.96   0.29205m (22120324)   369383.53
3809994.70   0.25202m (22120324)
        369865.16   3810163.19   1.02642m (22120324)   369851.58
3810184.17   0.83303m (22120324)
        369837.99   3810205.16   0.71230m (22120324)   369824.40
3810226.14   0.62879m (22120324)
        369676.32   3810175.79   0.42122m (22120324)   369674.33
3810145.32   0.42789m (22120324)
        369672.33   3810114.85   0.43175m (22120324)   369770.06
3810310.09   0.44669m (22120324)
        369582.02   3810193.09   0.33542m (22120324)   369579.85
3810159.85   0.33964m (22120324)
        369577.68   3810126.61   0.34262m (22120324)   369575.50
3810093.37   0.34427m (22120324)
        369715.71   3810394.03   0.35512m (22120324)   369490.13
3810247.13   0.27700m (22120324)
        369488.01   3810214.63   0.28056m (22120324)   369485.88
3810182.13   0.28357m (22120324)
        369483.75   3810149.63   0.28600m (22120324)   369481.63
3810117.13   0.28780m (22120324)
        369479.50   3810084.63   0.28897m (22120324)   369477.38
3810052.13   0.28953m (22120324)
        369661.36   3810477.97   0.30097 (23122024)   369395.91
3810265.54   0.23906m (22120324)
        369393.69   3810231.68   0.24179m (22120324)   369391.48
3810197.83   0.24417m (22120324)
        369389.26   3810163.97   0.24616m (22120324)   369387.05
3810130.11   0.24776m (22120324)
        369384.84   3810096.26   0.24895m (22120324)   369381.51
3810045.48   0.24996m (22120324)
        369607.02   3810561.91   0.27873 (23122024)   369302.94
3810303.14   0.20871m (22120324)
        369300.77   3810269.90   0.21092m (22120324)   369298.59
3810236.67   0.21291m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018

, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369296.42   3810203.43   0.21467m (22120324)   369294.24
3810170.19   0.21619m (22120324)
        369292.07   3810136.95   0.21745m (22120324)   369289.90
3810103.71   0.21844m (22120324)
        369287.72   3810070.47   0.21918m (22120324)   369552.67
3810645.86   0.26106 (23122024)
        369879.10   3810188.17   0.93920m (22120324)   369887.52
3810212.35   0.84865m (22120324)
        369862.76   3810208.76   0.77972m (22120324)   369893.20
3810236.14   0.77102m (22120324)
        369865.68   3810232.14   0.71358m (22120324)   369921.41
3810332.08   0.59284 (23122024)
        369893.89   3810328.08   0.56019m (22120324)   369866.37
3810324.08   0.53520m (22120324)
        369838.85   3810320.08   0.50958m (22120324)   369811.34
3810316.08   0.48396m (22120324)
        369949.56   3810329.85   0.62792 (23122024)   369948.81
3810427.90   0.56080 (23122024)
        369919.68   3810423.66   0.53969 (23122024)   369890.54
3810419.43   0.51624 (23122024)
        369861.40   3810415.20   0.49044 (23122024)   369832.26
3810410.96   0.46241 (23122024)
        369803.12   3810406.73   0.43226 (23122024)   369773.99
3810402.50   0.40016 (23122024)
        369744.85   3810398.26   0.37052m (22120324)   369977.77
3810425.78   0.58329 (23122024)
        369977.24   3810523.87   0.53456 (23122024)   369948.52
3810519.69   0.52059 (23122024)
        369919.81   3810515.52   0.50517 (23122024)   369891.09
3810511.35   0.48823 (23122024)
        369862.37   3810507.18   0.46972 (23122024)   369833.66
3810503.01   0.44964 (23122024)
        369804.94   3810498.83   0.42797 (23122024)   369776.23
3810494.66   0.40479 (23122024)
        369747.51   3810490.49   0.38019 (23122024)   369718.79
3810486.32   0.35442 (23122024)

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        369690.08   3810482.14        0.32786  (23122024)                370005.98
3810521.72        0.55032  (23122024)
        370005.06   3810619.75        0.50030  (23122024)                369975.58
3810615.46        0.49271  (23122024)
        369946.09   3810611.18        0.48340  (23122024)                369916.61
3810606.90        0.47251  (23122024)
        369887.12   3810602.61        0.46009  (23122024)                369857.64
3810598.33        0.44621  (23122024)
        369828.15   3810594.04        0.43088  (23122024)                369798.67
3810589.76        0.41415  (23122024)
        369769.18   3810585.48        0.39605  (23122024)                369739.70
3810581.19        0.37668  (23122024)
        369710.21   3810576.91        0.35615  (23122024)                369680.73
3810572.62        0.33467  (23122024)
        369651.24   3810568.34        0.31250  (23122024)                370034.19
3810617.66        0.50955  (23122024)
        370033.45   3810715.71        0.45431  (23122024)                370004.31
3810711.48        0.45336  (23122024)
        369975.17   3810707.24        0.45060  (23122024)                369946.03
3810703.01        0.44613  (23122024)
        369916.90   3810698.78        0.44005  (23122024)                369887.76
3810694.54        0.43245  (23122024)
        369858.62   3810690.31        0.42341  (23122024)                369829.48
3810686.08        0.41298  (23122024)
        369800.34   3810681.84        0.40125  (23122024)                369771.20
3810677.61        0.38824  (23122024)
        369742.07   3810673.38        0.37405  (23122024)                369712.93
3810669.14        0.35873  (23122024)
        369683.79   3810664.91        0.34241  (23122024)                369654.65
3810660.68        0.32521  (23122024)
        369625.51   3810656.44        0.30733  (23122024)                369596.38
3810652.21        0.28898  (23122024)
        370062.40   3810713.60        0.45719  (23122024)                369930.01
3810171.21        1.43104m (22120324)
        369915.70   3810246.99        0.78721m (22120324)                369793.01
3810520.75        0.41699  (23122024)
        369735.76   3810604.68        0.37382  (23122024)                369678.51
3810688.60        0.33969  (23122024)
        369711.22   3810703.26        0.35632  (23122024)                369951.02
3810180.10        1.45811m (22120324)
        369974.71   3810185.52        1.54801m (22120324)                370069.48
3810207.18        1.47495m (22120324)
        369969.14   3810209.89        1.18094m (22120324)                369992.83
3810215.30        1.21664m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369987.26	3810239.68	0.99638m	(22120324)	370010.95	3810245.09	1.00982m	(22120324)
370034.64	3810250.51	1.01084m	(22120324)	370058.34	3810255.92	1.00239m	(22120324)
370005.38	3810269.46	0.86819m	(22120324)	370029.07	3810274.88	0.87472m	(22120324)
370052.76	3810280.30	0.87527m	(22120324)	369935.71	3810356.12	0.59152	(23122024)
369959.40	3810361.53	0.61061	(23122024)	369983.10	3810366.95	0.62693	(23122024)
370006.79	3810372.36	0.64132	(23122024)	369871.12	3810441.96	0.49232	(23122024)
369913.43	3810453.60	0.52277	(23122024)	369937.12	3810459.02	0.53797	(23122024)
369960.81	3810464.43	0.55181	(23122024)	369984.50	3810469.85	0.56442	(23122024)
370008.19	3810475.27	0.57594	(23122024)	369848.84	3810539.44	0.45374	(23122024)
369891.14	3810551.09	0.47693	(23122024)	369914.83	3810556.50	0.48851	(23122024)
369938.53	3810561.92	0.49893	(23122024)	369962.22	3810567.33	0.50819	(23122024)
369985.91	3810572.75	0.51624	(23122024)	369826.55	3810636.93	0.42201	(23122024)
369789.33	3810624.47	0.40443	(23122024)	369868.86	3810648.57	0.43889	(23122024)
369892.55	3810653.99	0.44705	(23122024)	369916.24			

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3810659.40        0.45409  (23122024)
        369939.93   3810664.82        0.45998  (23122024)                369963.62
3810670.24        0.46465  (23122024)
        369800.55   3810733.17        0.39148  (23122024)                369778.22
3810725.69        0.38418  (23122024)
        369755.88   3810718.22        0.37586  (23122024)                369733.55
3810710.74        0.36657  (23122024)
        369822.88   3810740.64        0.39775  (23122024)                369846.57
3810746.06        0.40395  (23122024)
        369870.26   3810751.47        0.40911  (23122024)                369893.96
3810756.89        0.41321  (23122024)
        369917.65   3810762.31        0.41621  (23122024)                369941.34
3810767.72        0.41807  (23122024)
        370097.17   3810203.36        1.50950m (22120324)                370086.30
3810231.53        1.19355m (22120324)
        370119.30   3810223.91        1.25504m (22120324)                370108.42
3810252.08        1.05161m (22120324)
        370136.55   3810373.87        0.73375  (23122024)                370125.75
3810475.14        0.63661  (23122024)
        370092.16   3810475.17        0.62133  (23122024)                370058.58
3810475.21        0.60422  (23122024)
        370148.76   3810572.57        0.56229  (23122024)                370116.19
3810572.61        0.55743  (23122024)
        370083.62   3810572.64        0.55009  (23122024)                370051.05
3810572.68        0.54058  (23122024)
        370018.48   3810572.72        0.52921  (23122024)                370181.55
3810568.74        0.56777  (23122024)
        370171.55   3810670.01        0.48241  (23122024)                370139.56
3810670.04        0.48555  (23122024)
        370107.57   3810670.08        0.48633  (23122024)                370075.58
3810670.11        0.48488  (23122024)
        370043.60   3810670.15        0.48136  (23122024)                370011.61
3810670.18        0.47595  (23122024)
        370204.04   3810666.18        0.47993  (23122024)                370193.25
3810767.45        0.40344  (23122024)
        370159.66   3810767.48        0.41199  (23122024)                370126.07
3810767.52        0.41845  (23122024)
        370092.49   3810767.56        0.42281  (23122024)                370058.90
3810767.59        0.42511  (23122024)
        370025.31   3810767.63        0.42540  (23122024)                369991.72
3810767.67        0.42379  (23122024)
        370226.54   3810763.62        0.39581  (23122024)                369889.95
3810626.19        0.45449  (23122024)
        369840.92   3810713.34        0.41083  (23122024)                370144.46
3810239.54        1.13083m (22120324)
        370132.20   3810261.33        1.00713m (22120324)                370171.58
3810285.28        0.91696m (22120324)
        370172.49   3810386.90        0.74337  (23122024)                370174.25
3810482.36        0.64733  (23122024)
        370038.81   3810460.19        0.60268  (23122024)                370208.95
```

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370209.86   3810583.37   0.55322 (23122024)   370245.40
3810576.61   0.55494 (23122024)
        370032.52   3810649.52   0.49126 (23122024)   369996.88
3810643.69   0.48600 (23122024)
        369961.23   3810637.86   0.47797 (23122024)   369925.59
3810632.02   0.46741 (23122024)
        370228.55   3810681.61   0.46074 (23122024)   370264.09
3810674.85   0.45519 (23122024)
        370035.24   3810745.15   0.43799 (23122024)   369999.91
3810739.37   0.43864 (23122024)
        369964.58   3810733.58   0.43664 (23122024)   369929.25
3810727.80   0.43213 (23122024)
        369893.92   3810722.02   0.42526 (23122024)   370247.23
3810779.85   0.37667 (21020824)
        370282.77   3810773.09   0.37746 (21020824)   370197.71
3810206.90   1.34603m (22120324)
        370201.05   3810256.79   1.03910m (22120324)   370202.72
3810281.74   0.93934m (22120324)

370196.72 3810382.36 0.76260 (23122024) 370210.76
3810782.32 0.38737 (23122024)
370233.35 3810215.24 1.26458m (22120324) 370261.27
3810183.94 1.49792m (22120324)
370265.97 3810216.23 1.25326m (22120324) 370284.63
3810232.88 1.16448m (22120324)
370328.30 3810323.40 0.91475 (23122024) 370294.33
3810340.00 0.87187 (23122024)
370401.39 3810390.72 0.76972 (23122024) 370327.27
3810426.95 0.72979 (23122024)
370290.21 3810445.06 0.70672 (23122024) 370433.88
3810366.01 0.81064m (22120324)
370458.30 3810465.94 0.64211m (22120324) 370422.07
3810483.65 0.61375 (21020824)
370385.83 3810501.36 0.59565 (21020824) 370331.48
3810527.93 0.58569 (23122024)
370295.24 3810545.64 0.57681 (23122024) 370522.46
3810416.93 0.73718m (22120324)
370551.29 3810523.53 0.58385m (22120324) 370497.65
3810549.75 0.54497m (22120324)
370461.89 3810567.23 0.52018m (22120324) 370426.13
3810584.71 0.49924 (21020824)
370390.37 3810602.19 0.48952 (21020824) 370354.61
3810619.67 0.47904 (21020824)
370318.85 3810637.14 0.46850 (23122024) 370283.09
3810654.62 0.46666 (23122024)
370583.13 3810499.14 0.61955m (22120324) 370625.26
3810590.42 0.51716m (22120324)
370588.20 3810608.53 0.49667m (22120324) 370551.14
3810626.65 0.47658m (22120324)
370514.08 3810644.76 0.45697m (22120324) 370477.02
3810662.87 0.43789m (22120324)
370439.96 3810680.99 0.41938m (22120324) 370402.91
3810699.10 0.40683 (21020824)
370365.85 3810717.22 0.40137 (21020824) 370328.79
3810735.33 0.39524 (21020824)
370657.75 3810565.71 0.54489m (22120324) 370310.12
3810228.19 1.19489m (22120324)
370352.14 3810424.69 0.72770 (23122024) 370419.69
3810508.14 0.58358 (21020824)
370412.78 3810615.28 0.47332 (21020824) 370450.01
3810603.44 0.48337m (22120324)
370405.87 3810722.42 0.38927 (21020824) 370443.10
3810710.57 0.39940m (22120324)
370480.33 3810698.73 0.41203m (22120324) 370315.59
3810145.14 1.93185m (22120324)
370332.76 3810163.31 1.67697m (22120324) 370365.16
3810167.10 1.64052m (22120324)
370420.43 3810281.39 1.03272m (22120324) 370471.57
3810364.41 0.82776m (22120324)

3810199.30 1.42809m (22120324)
370405.32 3810303.80 0.96538 (23122024) 370452.02
3810298.72 0.99216m (22120324)
370439.47 3810400.67 0.74330m (22120324) 370462.82
3810398.13 0.75558m (22120324)
370450.28 3810500.09 0.59402m (22120324) 370473.63
3810497.55 0.60254m (22120324)
370484.43 3810596.96 0.49494m (22120324) 370469.75
3810120.80 2.36033m (22120324)
370475.10 3810170.51 1.67514m (22120324) 370477.78
3810195.37 1.48033m (22120324)
370488.48 3810294.79 1.02108m (22120324) 370499.18
3810394.22 0.77402m (22120324)
370509.88 3810493.65 0.61515m (22120324) 370520.59
3810593.07 0.50390m (22120324)
370549.62 3810690.52 0.42504m (22120324) 370336.44
3810228.20 1.20475m (22120324)
370169.71 3810339.59 0.79591 (23122024) 370090.78
3810401.00 0.67779 (23122024)
370029.62 3810485.25 0.58247 (23122024) 370526.89
3810167.63 1.74113m (22120324)
370500.67 3810191.77 1.52173m (22120324) 370526.05
3810192.62 1.53166m (22120324)
370499.83 3810216.75 1.36091m (22120324) 370525.21
3810217.60 1.37022m (22120324)
370399.31 3810267.15 1.07180m (22120324) 370377.72
3810256.14 1.10215m (22120324)
370356.13 3810245.13 1.13615m (22120324) 370496.49
3810316.70 0.95745m (22120324)
370521.87 3810317.55 0.96422m (22120324) 370482.34
3810411.14 0.73724m (22120324)
370395.97 3810367.09 0.81984 (23122024) 370374.37
3810356.08 0.84925 (23122024)
370352.78 3810345.07 0.87410 (23122024) 370277.20
3810306.53 0.92282 (23122024)
370400.22 3810470.91 0.63280 (21020824) 370377.82
3810459.49 0.66139 (23122024)
370355.43 3810448.07 0.68891 (23122024) 370299.44
3810419.53 0.74358 (23122024)
370277.05 3810408.11 0.75874 (23122024) 370489.79
3810516.59 0.58192m (22120324)
370397.53 3810571.19 0.51808 (21020824) 370375.30
3810559.86 0.53247 (21020824)
370353.07 3810548.52 0.55029 (23122024) 370308.61
3810525.85 0.59649 (23122024)
370286.38 3810514.52 0.61631 (23122024) 370253.04
3810497.52 0.64093 (23122024)
370499.13 3810616.95 0.47884m (22120324) 370394.61
3810671.36 0.42983 (21020824)
370372.49 3810660.08 0.44296 (21020824) 370350.37

3810648.80   0.45534 (21020824)
        370295.07   3810620.60   0.49522 (23122024)   370272.95
3810609.32   0.51449 (23122024)
        370162.35   3810552.92   0.58048 (23122024)   370140.23
3810541.64   0.58647 (23122024)
        370118.11   3810530.36   0.59000 (23122024)   370095.99
3810519.08   0.59118 (23122024)
        370073.87   3810507.80   0.59017 (23122024)   370495.79
3810716.90   0.40134m (22120324)
        370547.88   3810133.53   2.18109m (22120324)   370567.34
3810109.84   2.69091m (22120324)
        370586.66   3810125.71   2.32368m (22120324)   370548.33
3810188.20   1.57618m (22120324)
        370593.81   3810190.35   1.57147m (22120324)   370554.92
3810211.72   1.41839m (22120324)
        370671.09   3810253.82   1.21494m (22120324)   370635.03
3810281.46   1.10749m (22120324)
        370596.14   3810302.83   1.02944m (22120324)   370566.43
3810308.72   1.00418m (22120324)
        370692.83   3810232.76   1.30473m (22120324)   370748.36
3810317.30   0.98760m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -

370724.32 3810335.72 0.93942m (22120324) 370700.28
3810354.15 0.89359m (22120324)
370676.24 3810372.57 0.85009m (22120324) 370637.35
3810393.94 0.80145m (22120324)
370770.11 3810296.24 1.04697m (22120324) 370825.63
3810380.77 0.81989m (22120324)
370801.59 3810399.20 0.78651m (22120324) 370777.55
3810417.62 0.75444m (22120324)
370753.52 3810436.04 0.72361m (22120324) 370729.48
3810454.47 0.69396m (22120324)
370705.44 3810472.89 0.66552m (22120324) 370678.57
3810485.05 0.64707m (22120324)
370530.03 3810514.49 0.59177m (22120324) 370847.38
3810359.71 0.86111m (22120324)
370902.90 3810444.25 0.68720m (22120324) 370878.86
3810462.67 0.66422m (22120324)
370854.83 3810481.09 0.64176m (22120324) 370830.79
3810499.52 0.61982m (22120324)
370806.75 3810517.94 0.59845m (22120324) 370782.71
3810536.37 0.57765m (22120324)
370758.68 3810554.79 0.55746m (22120324) 370719.78
3810576.16 0.53489m (22120324)
370924.65 3810423.19 0.71575m (22120324) 370980.17
3810507.72 0.57996m (22120324)
370956.14 3810526.14 0.56434m (22120324) 370932.10
3810544.57 0.54875m (22120324)
370908.06 3810562.99 0.53328m (22120324) 370884.02
3810581.42 0.51796m (22120324)
370859.99 3810599.84 0.50284m (22120324) 370835.95
3810618.27 0.48795m (22120324)
370811.91 3810636.69 0.47333m (22120324) 370787.87
3810655.12 0.45899m (22120324)
370761.00 3810667.27 0.45005m (22120324) 370731.29
3810673.16 0.44588m (22120324)
370701.58 3810679.05 0.44126m (22120324) 370671.87
3810684.94 0.43622m (22120324)
370642.17 3810690.83 0.43078m (22120324) 370612.46
3810696.71 0.42499m (22120324)
370582.75 3810702.60 0.41887m (22120324) 370538.19
3810711.44 0.40915m (22120324)
371001.92 3810486.66 0.59957m (22120324) 370553.81
3810393.91 0.78836m (22120324)
370555.75 3810493.90 0.62280m (22120324) 370557.68
3810593.88 0.50769m (22120324)
370620.55 3810108.03 2.66383m (22120324) 370657.78
3810091.96 2.85169m (22120324)
370630.46 3810130.99 2.17657m (22120324) 370667.69
3810114.91 2.31054m (22120324)
370658.98 3810145.90 1.93226m (22120324) 370696.21
3810129.83 2.02730m (22120324)

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        370631.66   3810184.93        1.60577m (22120324)                370668.89
3810168.85        1.70680m (22120324)
        370706.12   3810152.78        1.79458m (22120324)                370671.30
3810276.74        1.12518m (22120324)
        370708.53   3810260.66        1.18213m (22120324)                370745.76
3810244.59        1.23839m (22120324)
        370729.56   3810360.51        0.87721m (22120324)                370766.79
3810344.43        0.91271m (22120324)
        370769.20   3810452.31        0.69544m (22120324)                370806.43
3810436.24        0.71827m (22120324)
        370808.84   3810544.12        0.56655m (22120324)                370846.07
3810528.05        0.58163m (22120324)
        370867.09   3810627.89        0.47642m (22120324)                370904.32
3810611.82        0.48631m (22120324)
        370683.34   3810079.43        2.88435m (22120324)                370701.61
3810062.74        3.06174m (22120324)
        370719.87   3810046.06        3.22824m (22120324)                370738.14
3810029.37        3.40600m (22120324)
        370756.41   3810012.68        3.64481m (22120324)                370774.67
3809996.00        4.04216m (22120324)
        370700.20   3810097.89        2.41492m (22120324)                370718.47
3810081.20        2.56880m (22120324)
        370736.73   3810064.51        2.72786m (22120324)                370755.00
3810047.83        2.90824m (22120324)
        370773.27   3810031.14        3.13908m (22120324)                370791.53
3810014.46        3.47035m (22120324)
        370717.06   3810116.34        2.11948m (22120324)                370735.33
3810099.66        2.25506m (22120324)
        370753.60   3810082.97        2.40127m (22120324)                370771.86
3810066.29        2.56901m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
370790.13	3810049.60	2.77639m (22120324)	370808.39	3810032.91	3.05207m (22120324)
370733.93	3810134.80	1.90575m (22120324)	370752.19	3810118.12	2.02615m (22120324)
370770.46	3810101.43	2.15830m (22120324)	370788.72	3810084.74	2.30980m (22120324)
370806.99	3810068.06	2.49216m (22120324)	370825.26	3810051.37	2.72340m (22120324)
370782.83	3810220.62	1.33040m (22120324)	370819.64	3810191.95	1.45549m (22120324)
370837.90	3810175.26	1.53912m (22120324)	370856.17	3810158.58	1.63220m (22120324)
370874.43	3810141.89	1.73772m (22120324)	370892.70	3810125.20	1.85951m (22120324)
370852.13	3810293.25	1.03481m (22120324)	370818.77	3810314.82	0.98131m (22120324)
370887.08	3810265.78	1.11069m (22120324)	370905.35	3810249.09	1.16215m (22120324)
370923.61	3810232.41	1.21757m (22120324)	370941.88	3810215.72	1.27777m (22120324)
370960.15	3810199.04	1.34358m (22120324)	370917.72	3810368.28	0.82159m (22120324)
370880.65	3810392.25	0.78415m (22120324)	370843.58	3810416.22	0.74745m (22120324)
370954.53	3810339.61	0.87056m (22120324)	370972.79	3810322.92	0.90184m (22120324)
370991.06	3810306.24	0.93441m (22120324)	371009.33	3810289.55	0.96840m (22120324)
371027.59	3810272.87	1.00383m (22120324)	370983.85	3810442.97	0.66546m (22120324)
370963.99	3810455.81	0.65295m (22120324)	370944.12	3810468.65	0.64028m (22120324)
370924.26	3810481.49	0.62750m (22120324)	370904.40	3810494.33	0.61465m (22120324)
370884.54	3810507.17	0.60177m (22120324)	371003.71	3810430.13	0.67775m (22120324)
371021.97	3810413.44	0.69661m (22120324)	371040.24	3810396.76	0.71572m (22120324)
371058.50	3810380.07	0.73506m (22120324)	371076.77	3810363.38	0.75453m (22120324)
371095.04	3810346.70	0.77402m (22120324)	371052.62		

3810515.94 0.54933m (22120324)
  371015.54 3810539.91 0.53459m (22120324) 370978.47
3810563.88 0.51901m (22120324)
  370941.40 3810587.85 0.50285m (22120324) 371089.42
3810487.27 0.56839m (22120324)
  371107.68 3810470.59 0.58038m (22120324) 371125.95
3810453.90 0.59223m (22120324)
  371144.22 3810437.22 0.60383m (22120324) 371162.48
3810420.53 0.61514m (22120324)
  370823.63 3810014.70 3.48276m (22120324) 370847.04
3810018.89 3.41215m (22120324)
  370870.44 3810023.07 3.34953m (22120324) 370893.85
3810027.26 3.28830m (22120324)
  370917.25 3810031.44 3.22538m (22120324) 370940.66
3810035.63 3.15781m (22120324)
  370964.07 3810039.81 3.08418m (22120324) 370987.47
3810044.00 3.00227m (22120324)
  371010.88 3810048.18 2.91099m (22120324) 370866.04
3810047.68 2.80104m (22120324)
  370889.45 3810051.87 2.74399m (22120324) 370912.86
3810056.05 2.68664m (22120324)
  370936.26 3810060.24 2.62630m (22120324) 370959.67
3810064.42 2.56165m (22120324)
  370983.07 3810068.61 2.49094m (22120324) 371006.48
3810072.79 2.41331m (22120324)
  370861.64 3810072.29 2.42099m (22120324) 370885.05
3810076.48 2.36784m (22120324)
  370908.46 3810080.66 2.31517m (22120324) 370931.86
3810084.85 2.26067m (22120324)
  370955.27 3810089.03 2.20313m (22120324) 370978.67
3810093.21 2.14130m (22120324)
  371002.08 3810097.40 2.07415m (22120324) 370833.84
3810092.72 2.18633m (22120324)
  370857.24 3810096.90 2.13430m (22120324) 370880.65
3810101.09 2.08531m (22120324)
  370904.06 3810105.27 2.03710m (22120324) 370927.46
3810109.46 1.98779m (22120324)
  370950.87 3810113.64 1.93635m (22120324) 370974.27
3810117.82 1.88180m (22120324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370997.68   3810122.01        1.82333m (22120324)               370722.61
3810174.42        1.61713m (22120324)
        370746.02   3810178.60        1.57254m (22120324)               370769.43
3810182.79        1.53233m (22120324)
        370792.83   3810186.97        1.49562m (22120324)               370863.05
3810199.53        1.39654m (22120324)
        370886.46   3810203.71        1.36472m (22120324)               370909.86
3810207.89        1.33255m (22120324)
        370980.08   3810220.45        1.23040m (22120324)               370728.42
3810277.04        1.11808m (22120324)
        370751.83   3810281.23        1.09941m (22120324)               370798.64
3810289.60        1.06156m (22120324)
        370892.26   3810306.33        0.98218m (22120324)               370915.67
3810310.52        0.96112m (22120324)
        370939.08   3810314.70        0.93950m (22120324)               370710.82
3810375.48        0.84374m (22120324)
        370757.63   3810383.85        0.82296m (22120324)               370781.04
3810388.04        0.81172m (22120324)
        370898.07   3810408.96        0.74809m (22120324)               370740.04
3810482.29        0.65110m (22120324)
        370763.44   3810486.47        0.64402m (22120324)               370786.85
3810490.66        0.63648m (22120324)
        370927.29   3810515.77        0.58286m (22120324)               370745.84
3810584.91        0.52537m (22120324)
        370769.25   3810589.10        0.52030m (22120324)               370792.66
3810593.28        0.51491m (22120324)
        370816.06   3810597.47        0.50919m (22120324)               371046.60
3810082.60        2.22036m (22120324)
        371071.06   3810084.32        2.15300m (22120324)               371095.51
3810086.05        2.06986m (22120324)
        371119.96   3810087.78        1.96781m (22120324)               371144.42
3810089.51        1.84455m (22120324)
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        371044.84   3810107.53        1.90870m (22120324)                371069.29
3810109.26        1.84791m (22120324)
        371093.75   3810110.99        1.77651m (22120324)                371118.20
3810112.72        1.69364m (22120324)
        371142.66   3810114.45        1.59958m (22120324)                371018.62
3810130.74        1.72469m (22120324)
        371043.08   3810132.47        1.67803m (22120324)                371067.53
3810134.20        1.62463m (22120324)
        371091.99   3810135.93        1.56397m (22120324)                371116.44
3810137.66        1.49606m (22120324)
        371140.89   3810139.38        1.42169m (22120324)                370997.98
3810148.13        1.61270m (22120324)
        371041.32   3810157.41        1.49871m (22120324)                371065.77
3810159.14        1.45211m (22120324)
        371090.22   3810160.87        1.40046m (22120324)                371114.68
3810162.59        1.34401m (22120324)
        371139.13   3810164.32        1.28338m (22120324)                370987.16
3810246.37        1.12288m (22120324)
        370964.51   3810237.31        1.17294m (22120324)                370843.84
3810128.00        1.85774m (22120324)
        371009.81   3810255.43        1.07380m (22120324)                371058.72
3810258.89        1.02022m (22120324)
        371083.17   3810260.62        0.99100m (22120324)                371107.63
3810262.34        0.96037m (22120324)
        371132.08   3810264.07        0.92856m (22120324)                370981.53
3810346.69        0.84170m (22120324)
        370820.51   3810267.98        1.12757m (22120324)                370808.16
3810248.73        1.20258m (22120324)
        371002.76   3810355.18        0.81275m (22120324)                371027.22
3810356.91        0.79614m (22120324)
        371125.03   3810363.82        0.72231m (22120324)                370950.41
3810436.82        0.68581m (22120324)
        370729.65   3810302.74        1.03313m (22120324)                370663.77
3810200.07        1.48968m (22120324)
        371020.17   3810456.66        0.63294m (22120324)                371044.62
3810458.39        0.62139m (22120324)
        371069.08   3810460.12        0.60938m (22120324)                370692.83
3810421.69        0.75053m (22120324)
        370680.16   3810401.95        0.78794m (22120324)                370629.48
3810322.98        0.97315m (22120324)
        371037.57   3810558.14        0.51047m (22120324)                371062.03
3810559.87        0.50221m (22120324)
        371086.48   3810561.60        0.49366m (22120324)                371110.94
3810563.33        0.48486m (22120324)
        370958.96   3810645.38        0.44996m (22120324)                370936.31
3810636.32        0.46066m (22120324)
        370687.13   3810536.66        0.57926m (22120324)                370664.47
3810527.60        0.58958m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
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                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3810404.20 0.51628m (22120324)
371325.10 3810411.05 0.52710m (22120324) 371298.09
3810417.90 0.53731m (22120324)
371271.07 3810424.75 0.54683m (22120324) 371244.06
3810431.60 0.55557m (22120324)
371217.04 3810438.45 0.56346m (22120324) 371190.03
3810445.30 0.57042m (22120324)
371163.01 3810452.16 0.57642m (22120324) 371405.92
3810488.51 0.42547m (22120324)
371379.10 3810495.32 0.43329m (22120324) 371352.29
3810502.12 0.44075m (22120324)
371325.47 3810508.92 0.44782m (22120324) 371298.65
3810515.72 0.45443m (22120324)
371271.84 3810522.52 0.46054m (22120324) 371245.02
3810529.32 0.46612m (22120324)
371218.20 3810536.12 0.47112m (22120324) 371191.39
3810542.92 0.47550m (22120324)
371164.57 3810549.72 0.47927m (22120324) 371137.75
3810556.53 0.48239m (22120324)
371459.70 3810572.84 0.35868m (22120324) 371433.01
3810579.61 0.36455m (22120324)
371406.33 3810586.37 0.37019m (22120324) 371379.64
3810593.14 0.37558m (22120324)
371352.96 3810599.91 0.38068m (22120324) 371326.27
3810606.68 0.38547m (22120324)
371299.58 3810613.45 0.38991m (22120324) 371272.90
3810620.21 0.39398m (22120324)
371246.21 3810626.98 0.39767m (22120324) 371219.53
3810633.75 0.40094m (22120324)
371192.84 3810640.52 0.40379m (22120324) 371166.15
3810647.29 0.40621m (22120324)
371139.47 3810654.05 0.40818m (22120324) 371179.09
3810059.53 2.03759m (22120324)
371201.01 3810071.55 1.69130m (22120324) 371189.44
3810092.64 1.57947m (22120324)
371204.09 3810042.27 1.98071m (22120324) 371226.01
3810071.55 1.51420m (22120324)
371211.36 3810104.66 1.38804m (22120324) 371229.09
3810042.27 1.69235m (22120324)
371249.98 3810075.56 1.35206m (22120324) 371230.45
3810119.71 1.23534m (22120324)
371254.09 3810042.27 1.48714m (22120324) 371349.98
3810075.56 0.96688m (22120324)
371341.76 3810107.63 0.92765m (22120324) 371333.55
3810139.69 0.88536m (22120324)
371318.13 3810167.80 0.86312m (22120324) 371295.50
3810191.96 0.85761m (22120324)
371272.87 3810216.12 0.84667m (22120324) 371354.09
3810042.27 1.01637m (22120324)
371449.98 3810075.56 0.74226m (22120324) 371441.76

3810107.63   0.72339m (22120324)
        371433.55   3810139.69   0.70230m (22120324)   371425.33
3810171.75   0.67957m (22120324)
        371405.80   3810215.90   0.65659m (22120324)   371383.17
3810240.06   0.65631m (22120324)
        371360.55   3810264.22   0.65332m (22120324)   371337.92
3810288.38   0.64781m (22120324)

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        371649.98   3810075.56        0.48852m (22120324)               371641.76
3810107.63        0.48265m (22120324)
        371633.55   3810139.69        0.47578m (22120324)               371625.33
3810171.75        0.46800m (22120324)
        371617.11   3810203.82        0.45941m (22120324)               371608.90
3810235.88        0.45012m (22120324)
        371600.68   3810267.95        0.44026m (22120324)               371581.15
3810312.09        0.43104m (22120324)
        371558.52   3810336.25        0.43253m (22120324)               371535.90
3810360.41        0.43308m (22120324)
        371513.27   3810384.57        0.43269m (22120324)               371490.65
3810408.73        0.43137m (22120324)
        371468.02   3810432.89        0.42916m (22120324)               371445.39
3810457.05        0.42610m (22120324)
        371654.09   3810042.27        0.49758m (22120324)               371749.98
3810075.56        0.41031m (22120324)
        371741.76   3810107.63        0.40685m (22120324)               371733.55
3810139.69        0.40267m (22120324)
        371725.33   3810171.75        0.39783m (22120324)               371717.11
3810203.82        0.39238m (22120324)
        371708.90   3810235.88        0.38636m (22120324)               371700.68
3810267.95        0.37987m (22120324)
        371692.46   3810300.01        0.37295m (22120324)               371684.24
3810332.07        0.36567m (22120324)
        371668.82   3810360.18        0.36291m (22120324)               371646.20
3810384.34        0.36441m (22120324)
        371623.57   3810408.50        0.36531m (22120324)               371600.95
3810432.66        0.36558m (22120324)
        371578.32   3810456.82        0.36522m (22120324)               371555.69
3810480.98        0.36425m (22120324)
        371533.07   3810505.14        0.36267m (22120324)               371510.44
3810529.30        0.36051m (22120324)
        371487.82   3810553.46        0.35781m (22120324)               371754.09
3810042.27        0.41620m (22120324)
        371146.62   3810066.13        2.19071m (22120324)               371094.34
3810233.14        1.06728m (22120324)
        371064.47   3810328.57        0.83261m (22120324)               371046.09
3810427.60        0.66413m (22120324)
        371004.72   3810519.44        0.55970m (22120324)               370974.84
3810614.87        0.47253m (22120324)
        371119.52   3810240.49        1.01191m (22120324)               371073.44
3810435.11        0.64105m (22120324)
        371100.77   3810441.58        0.61962m (22120324)               371064.07
3810535.66        0.52514m (22120324)
        371017.11   3810626.92        0.45457m (22120324)               371041.03
3810632.97        0.44500m (22120324)
        371219.95   3810008.48        2.07947m (22120324)               371220.98
3809985.98        2.22465m (22120324)
        371222.00   3809963.48        2.33027m (22120324)               371223.03
3809940.98        2.40530m (22120324)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371211.52   3810140.91   1.20523m (22120324)   371293.84
3810034.40   1.27843m (22120324)
        371294.87   3810011.90   1.34049m (22120324)   371295.90
3809989.40   1.39824m (22120324)
        371296.92   3809966.90   1.45022m (22120324)   371297.95

3809944.40 1.49557m (22120324)
371298.98 3809921.90 1.53424m (22120324) 371300.01
3809899.40 1.56654m (22120324)
371382.80 3810080.28 0.87426m (22120324) 371362.96
3810117.91 0.85990m (22120324)
371323.29 3810193.18 0.80710m (22120324) 371393.74
3810038.96 0.90684m (22120324)
371394.77 3810016.46 0.93475m (22120324) 371395.79
3809993.96 0.96135m (22120324)
371396.82 3809971.46 0.98624m (22120324) 371397.85
3809948.96 1.00918m (22120324)
371398.87 3809926.46 1.02999m (22120324) 371399.90
3809903.96 1.04845m (22120324)
371482.69 3810084.84 0.67962m (22120324) 371462.86
3810122.47 0.67572m (22120324)
371423.19 3810197.74 0.65453m (22120324) 371383.52
3810273.01 0.61887m (22120324)
371144.63 3810339.90 0.74997m (22120324) 371493.64
3810043.52 0.69599m (22120324)
371494.66 3810021.02 0.71157m (22120324) 371495.69
3809998.52 0.72642m (22120324)
371496.72 3809976.02 0.74043m (22120324) 371497.74
3809953.52 0.75351m (22120324)
371498.77 3809931.02 0.76550m (22120324) 371499.80
3809908.52 0.77636m (22120324)
371582.59 3810089.40 0.54841m (22120324) 371562.75
3810127.03 0.54839m (22120324)
371443.75 3810352.84 0.49681m (22120324) 371225.67
3810415.36 0.58428m (22120324)
371593.53 3810048.08 0.55745m (22120324) 371594.56
3810025.58 0.56705m (22120324)
371595.59 3810003.08 0.57620m (22120324) 371596.61
3809980.58 0.58484m (22120324)
371597.64 3809958.08 0.59289m (22120324) 371598.67
3809935.58 0.60031m (22120324)
371599.69 3809913.08 0.60707m (22120324) 371681.96
3810094.95 0.45423m (22120324)
371661.08 3810134.56 0.45575m (22120324) 371514.94
3810411.87 0.41668m (22120324)
371504.50 3810431.67 0.41132m (22120324) 371472.15
3810456.08 0.41369m (22120324)
371362.59 3810479.08 0.45198m (22120324) 371296.85
3810492.89 0.47265m (22120324)
371253.03 3810502.09 0.48493m (22120324) 371209.21
3810511.29 0.49574m (22120324)
371165.38 3810520.49 0.50489m (22120324) 371121.56
3810529.69 0.51224m (22120324)
371693.43 3810052.64 0.45939m (22120324) 371694.45
3810030.14 0.46570m (22120324)
371695.48 3810007.64 0.47169m (22120324) 371696.51

3809985.14   0.47733m (22120324)
        371697.54   3809962.64   0.48258m (22120324)   371698.56
3809940.14   0.48744m (22120324)
        371699.59   3809917.64   0.49185m (22120324)   371781.95
3810099.34   0.38363m (22120324)
        371761.25   3810138.61   0.38579m (22120324)   371668.12
3810315.32   0.37999m (22120324)
        371564.64   3810511.67   0.34777m (22120324)   371532.57
3810535.87   0.34949m (22120324)
        371445.68   3810554.11   0.37268m (22120324)   371402.24
3810563.23   0.38371m (22120324)
        371358.80   3810572.35   0.39416m (22120324)   371315.36
3810581.48   0.40386m (22120324)
        371271.91   3810590.60   0.41269m (22120324)   371228.47
3810599.72   0.42049m (22120324)
        371185.03   3810608.84   0.42717m (22120324)   371141.58
3810617.96   0.43263m (22120324)
        371098.14   3810627.08   0.43681m (22120324)   371793.32
3810057.20   0.38665m (22120324)
        371794.35   3810034.70   0.39099m (22120324)   371795.38
3810012.20   0.39509m (22120324)
        371796.40   3809989.70   0.39895m (22120324)   371797.43
3809967.20   0.40254m (22120324)
        371798.46   3809944.70   0.40584m (22120324)   371799.49
3809922.20   0.40884m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371214.78	3809870.57	2.78827m	(22120324)	371243.11	3809869.32	2.22962m	(22120324)
371229.45	3809846.30	2.50083m	(22120324)	371267.21	3809866.99	1.91961m	(22120324)
371257.78	3809845.06	2.06245m	(22120324)	371288.89	3809854.93	1.72226m	(22120324)
371294.45	3809877.16	1.64483m	(22120324)	371279.28	3809832.30	1.83833m	(22120324)
371375.20	3809805.13	1.22231m	(22120324)	371381.37	3809829.84	1.18019m	(22120324)
371387.55	3809854.55	1.13696m	(22120324)	371393.73	3809879.25	1.09294m	(22120324)
371365.28	3809781.27	1.28099m	(22120324)	371461.31	3809754.57	0.93135m	(22120324)
371467.73	3809780.23	0.90759m	(22120324)	371474.14	3809805.89	0.88278m	(22120324)
371480.56	3809831.55	0.85703m	(22120324)	371486.97	3809857.21	0.83059m	(22120324)
371493.38	3809882.86	0.80365m	(22120324)	371451.28	3809730.24	0.96438m	(22120324)
371547.19	3809703.07	0.73675m	(22120324)	371553.37	3809727.78	0.72397m	(22120324)
371559.55	3809752.48	0.71030m	(22120324)	371565.72	3809777.19	0.69586m	(22120324)
371571.90	3809801.90	0.68072m	(22120324)	371578.08	3809826.61	0.66501m	(22120324)
371584.25	3809851.31	0.64885m	(22120324)	371590.43	3809876.02	0.63232m	(22120324)
371537.28	3809679.20	0.75593m	(22120324)	371633.26	3809652.32	0.59759m	(22120324)
371639.58	3809677.59	0.59014m	(22120324)	371645.90	3809702.86	0.58195m	(22120324)
371652.21	3809728.12	0.57310m	(22120324)	371658.53	3809753.39	0.56362m	(22120324)
371664.85	3809778.66	0.55359m	(22120324)	371671.16	3809803.93	0.54311m	(22120324)
371677.48	3809829.20	0.53221m	(22120324)	371683.80	3809854.47	0.52097m	(22120324)
371690.11	3809879.74	0.50947m	(22120324)	371623.27	3809628.17	0.60939m	(22120324)
371719.31	3809601.48	0.49478m	(22120324)	371725.72	3809627.14	0.49046m	(22120324)
371732.14	3809652.80	0.48553m	(22120324)	371738.55	3809678.45	0.48007m	(22120324)
371744.97	3809704.11	0.47409m	(22120324)	371751.38	3809729.77	0.46765m	(22120324)

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        371757.79   3809755.43        0.46078m (22120324)                371764.21
3809781.08        0.45352m (22120324)
        371770.62   3809806.74        0.44594m (22120324)                371777.04
3809832.40        0.43806m (22120324)
        371783.45   3809858.06        0.42994m (22120324)                371789.86
3809883.72        0.42162m (22120324)
        371709.27   3809577.14        0.50225m (22120324)                371346.42
3809991.86        1.13663m (22120324)
        371426.40   3810051.89        0.81363m (22120324)                371506.38
3810111.91        0.62442m (22120324)
        371586.37   3810171.93        0.50047m (22120324)                371666.35
3810231.95        0.41331m (22120324)
        371225.42   3809816.25        2.61857m (22120324)                371228.18
3809792.75        2.58392m (22120324)
        371230.94   3809769.26        2.54610m (22120324)                371233.69
3809745.77        2.50562m (22120324)
        371236.45   3809722.27        2.46227m (22120324)                371250.25
3809819.16        2.19304m (22120324)
        371253.01   3809795.67        2.17641m (22120324)                371255.77
3809772.17        2.15549m (22120324)
        371258.52   3809748.68        2.13085m (22120324)                371261.28
3809725.19        2.10255m (22120324)
        371277.84   3809798.58        1.88372m (22120324)                371280.60
3809775.09        1.87166m (22120324)
        371283.35   3809751.59        1.85574m (22120324)                371286.11
3809728.10        1.83605m (22120324)
        371302.67   3809801.49        1.65928m (22120324)                371305.43
3809778.00        1.65240m (22120324)
        371308.18   3809754.51        1.64178m (22120324)                371310.94
3809731.01        1.62758m (22120324)
        371370.51   3809941.67        1.11656m (22120324)                371401.99
3809813.15        1.10643m (22120324)
        371404.74   3809789.65        1.10675m (22120324)                371407.50
3809766.16        1.10452m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
371410.26	3809742.67	1.09990m (22120324)	371476.46	3809936.74	0.80877m (22120324)
371459.89	3809978.20	0.81368m (22120324)	371443.32	3810019.66	0.81174m (22120324)
371504.06	3809801.31	0.81214m (22120324)	371506.82	3809777.81	0.81185m (22120324)
371509.58	3809754.32	0.81008m (22120324)	371575.17	3809949.93	0.62675m (22120324)
371566.57	3809971.43	0.62910m (22120324)	371557.98	3809992.92	0.63046m (22120324)
371549.39	3810014.42	0.63081m (22120324)	371532.20	3810057.41	0.62838m (22120324)
371523.61	3810078.91	0.62556m (22120324)	371603.38	3809812.96	0.62933m (22120324)
371606.14	3809789.47	0.62948m (22120324)	371608.89	3809765.98	0.62873m (22120324)
371667.50	3809979.05	0.50644m (22120324)	371651.39	3810019.36	0.50864m (22120324)
371627.22	3810079.82	0.50782m (22120324)	371611.11	3810120.12	0.50447m (22120324)
371702.70	3809824.62	0.50617m (22120324)	371705.46	3809801.12	0.50639m (22120324)
371708.21	3809777.63	0.50603m (22120324)	371774.42	3809971.70	0.41782m (22120324)
371757.85	3810013.16	0.42068m (22120324)	371716.41	3810116.81	0.42127m (22120324)
371699.84	3810158.27	0.41880m (22120324)	371683.27	3810199.72	0.41484m (22120324)
371802.02	3809836.27	0.41838m (22120324)	371804.78	3809812.78	0.41858m (22120324)
371807.53	3809789.28	0.41840m (22120324)	371241.61	3809695.52	2.37728m (22120324)
371238.97	3809652.85	2.40710m (22120324)	371236.33	3809610.18	2.42119m (22120324)
371233.69	3809567.51	2.41693m (22120324)	371266.56	3809693.97	2.04108m (22120324)
371263.92	3809651.30	2.06097m (22120324)	371261.28		

3809608.63   2.06605m (22120324)
        371258.64   3809565.96   2.05422m (22120324)   371291.52
3809692.43   1.78873m (22120324)
        371288.88   3809649.76   1.80283m (22120324)   371286.24
3809607.09   1.80336m (22120324)
        371283.60   3809564.42   1.78872m (22120324)   371315.33
3809704.99   1.59833m (22120324)
        371315.15   3809669.55   1.59659m (22120324)   371312.51
3809626.88   1.60097m (22120324)
        371309.87   3809584.21   1.59259m (22120324)   371414.77
3809703.52   1.08752m (22120324)
        371414.96   3809663.37   1.08471m (22120324)   371412.32
3809620.70   1.08482m (22120324)
        371409.68   3809578.03   1.07720m (22120324)   371514.39
3809699.70   0.80404m (22120324)
        371514.77   3809657.20   0.80156m (22120324)   371512.13
3809614.53   0.80111m (22120324)
        371509.49   3809571.86   0.79603m (22120324)   371614.38
3809691.17   0.62513m (22120324)
        371611.36   3809728.80   0.62844m (22120324)   371611.94
3809608.35   0.62312m (22120324)
        371609.30   3809565.68   0.61985m (22120324)   371714.08
3809686.34   0.50401m (22120324)
        371710.84   3809726.66   0.50664m (22120324)   371707.79
3809538.17   0.49844m (22120324)
        371813.81   3809681.17   0.41721m (22120324)   371810.41
3809723.50   0.41936m (22120324)
        371807.01   3809765.83   0.42025m (22120324)   371814.19
3809638.67   0.41605m (22120324)
        371811.55   3809596.00   0.41586m (22120324)   371808.91
3809553.33   0.41440m (22120324)
        371220.42   3809538.97   2.62486m (22120324)   371200.28
3809503.49   3.08057m (22120324)
        371252.23   3809544.37   2.10466m (22120324)   371232.09
3809508.89   2.33644m (22120324)
        371273.97   3809532.04   1.83865m (22120324)   371253.84
3809496.56   1.99469m (22120324)
        371299.99   3809534.09   1.61477m (22120324)   371285.65
3809501.96   1.68246m (22120324)
        371265.51   3809466.48   1.79408m (22120324)   371387.82
3809487.61   1.09230m (22120324)
        371398.09   3809522.16   1.08430m (22120324)   371372.62
3809452.60   1.11155m (22120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371352.49	3809417.12	1.14157m	(22120324)	371475.16	3809439.50	0.80487m	(22120324)
371486.16	3809476.50	0.80461m	(22120324)	371497.16	3809513.51	0.80013m	(22120324)
371459.59	3809403.25	0.81102m	(22120324)	371439.46	3809367.77	0.82285m	(22120324)
371562.34	3809390.83	0.62549m	(22120324)	371573.75	3809429.21	0.62744m	(22120324)
371585.16	3809467.59	0.62662m	(22120324)	371596.57	3809505.97	0.62314m	(22120324)
371546.56	3809353.90	0.62752m	(22120324)	371526.43	3809318.42	0.63349m	(22120324)
371648.95	3809340.27	0.50408m	(22120324)	371659.65	3809376.26	0.50644m	(22120324)
371670.35	3809412.24	0.50727m	(22120324)	371681.04	3809448.22	0.50659m	(22120324)
371691.74	3809484.20	0.50440m	(22120324)	371633.54	3809304.54	0.50473m	(22120324)
371613.40	3809269.06	0.50822m	(22120324)	371736.08	3809291.44	0.41737m	(22120324)
371747.08	3809328.45	0.41965m	(22120324)	371758.08	3809365.46	0.42087m	(22120324)
371769.09	3809402.46	0.42100m	(22120324)	371780.09	3809439.47	0.42007m	(22120324)
371791.09	3809476.48	0.41808m	(22120324)	371802.09	3809513.49	0.41508m	(22120324)
371720.51	3809255.19	0.41738m	(22120324)	371700.38	3809219.71	0.41961m	(22120324)

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        371213.90   3809479.62        2.61840m (22120324)               371371.98
3809566.64        1.22305m (22120324)
        371468.70   3809592.05        0.89998m (22120324)               371479.88
3809549.49        0.85578m (22120324)
        371565.41   3809617.46        0.69787m (22120324)               371576.59
3809574.90        0.67135m (22120324)
        371662.13   3809642.86        0.56024m (22120324)               371673.31
3809600.30        0.54342m (22120324)
        371758.85   3809668.27        0.46150m (22120324)               371770.03
3809625.71        0.45035m (22120324)
        371231.90   3809459.40        2.19801m (22120324)               371348.34
3809595.09        1.35827m (22120324)
        371438.82   3809641.46        0.99980m (22120324)               371240.09
3809428.48        1.96217m (22120324)
        371246.85   3809388.73        1.71034m (22120324)               371264.74
3809432.67        1.70718m (22120324)
        371271.50   3809392.92        1.52135m (22120324)               371286.01
3809456.74        1.58960m (22120324)
        371292.76   3809416.99        1.44558m (22120324)               371299.52
3809377.24        1.30285m (22120324)
        371304.23   3809475.64        1.49485m (22120324)               371314.03
3809441.05        1.36881m (22120324)
        371320.79   3809401.30        1.25269m (22120324)               371409.24
3809477.68        1.00885m (22120324)
        371416.00   3809437.93        0.95101m (22120324)               371422.75
3809398.18        0.89273m (22120324)
        371511.21   3809474.56        0.75223m (22120324)               371517.96
3809434.81        0.71835m (22120324)
        371598.70   3809528.85        0.62651m (22120324)               371544.72
3809652.49        0.73979m (22120324)
        371613.17   3809471.43        0.59006m (22120324)               371619.93
3809431.68        0.56839m (22120324)
        371688.94   3809564.74        0.52169m (22120324)               371708.38
3809508.06        0.49281m (22120324)
        371715.14   3809468.31        0.47873m (22120324)               371788.17
3809580.02        0.43247m (22120324)
        371813.72   3809485.07        0.40319m (22120324)               371225.14
3809339.67        1.63028m (22120324)
        371181.23   3809340.45        2.06174m (22120324)               371137.32
3809341.23        2.55812m (22120324)
        371244.09   3809323.38        1.41903m (22120324)               371269.18
3809352.56        1.39367m (22120324)
        371202.74   3809315.07        1.62606m (22120324)               371158.83
3809315.85        1.94316m (22120324)
        371243.65   3809298.38        1.31410m (22120324)               371288.14
3809336.26        1.24363m (22120324)
        371202.29   3809290.07        1.46998m (22120324)               371158.38
3809290.85        1.70169m (22120324)
        371243.21   3809273.38        1.22526m (21011024)               371282.01
3809290.78        1.13664m (22120324)
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371201.85	3809265.08	1.34352m	(22120324)	371157.94	3809265.86	1.54445	(20012724)
371241.43	3809173.40	1.03860	(20010624)	371280.23	3809190.80	0.95986	(20010624)
371319.03	3809208.19	0.90067	(22121624)	371357.84	3809225.59	0.83996	(22121624)
371382.93	3809254.77	0.80716m	(22120324)	371394.31	3809295.75	0.83858m	(22120324)
371405.68	3809336.72	0.86509m	(22120324)	371200.07	3809165.09	1.10760	(20011824)
371156.16	3809165.87	1.21324	(20012724)	371239.65	3809073.42	0.90233	(20010624)
371278.46	3809090.81	0.86924	(20010624)	371317.26	3809108.21	0.81132	(20010624)
371356.06	3809125.60	0.76537	(22121624)	371394.86	3809143.00	0.73165	(22121624)
371433.66	3809160.40	0.68499	(22121624)	371458.76	3809189.58	0.65083	(22121624)
371470.13	3809230.55	0.64338m	(22120324)	371481.51			

3809271.53 0.66197m (22120324)
371492.89 3809312.50 0.67768m (22120324) 371504.27
3809353.47 0.68995m (22120324)
371515.65 3809394.44 0.69843m (22120324) 371198.30
3809065.11 0.95612 (20011824)
371154.39 3809065.89 1.02811 (20012724) 371237.88
3808973.43 0.81060 (20011824)
371276.68 3808990.83 0.77729 (20010624) 371315.48
3809008.22 0.74866 (20010624)
371354.28 3809025.62 0.70332 (20010624) 371393.09
3809043.02 0.66240 (22121624)
371431.89 3809060.41 0.64369 (22121624) 371470.69
3809077.81 0.61431 (22121624)
371509.49 3809095.20 0.57640 (22121624) 371534.58
3809124.39 0.54813 (22121624)
371545.96 3809165.36 0.52862 (22121624) 371557.34
3809206.33 0.52886m (22120324)
371568.72 3809247.31 0.54085m (22120324) 371580.10
3809288.28 0.55096m (22120324)
371591.48 3809329.25 0.55893m (22120324) 371602.86
3809370.22 0.56457m (22120324)
371196.52 3808965.12 0.84705 (20011824) 371152.61
3808965.90 0.90558 (20012724)
371236.10 3808873.45 0.73506 (20011824) 371274.90
3808890.84 0.71056 (20011824)
371313.71 3808908.24 0.68189 (20010624) 371352.51
3808925.64 0.65723 (20010624)
371391.31 3808943.03 0.62035 (20010624) 371430.11
3808960.43 0.57999 (22121624)
371468.92 3808977.82 0.57068 (22121624) 371507.72
3808995.22 0.55264 (22121624)
371546.52 3809012.62 0.52695 (22121624) 371585.32
3809030.01 0.49518 (22121624)
371610.41 3809059.20 0.47108 (22121624) 371621.79
3809100.17 0.45389 (22121624)
371633.17 3809141.14 0.43526m (22120324) 371644.55
3809182.11 0.44457m (22120324)
371655.93 3809223.09 0.45274m (22120324) 371667.31
3809264.06 0.45962m (22120324)
371678.69 3809305.03 0.46506m (22120324) 371690.07
3809346.01 0.46894m (22120324)
371701.44 3809386.98 0.47120m (22120324) 371712.82
3809427.95 0.47179m (22120324)
371194.74 3808865.14 0.75897 (20011824) 371150.83
3808865.92 0.81334 (20012724)
371234.32 3808773.46 0.66802 (20011824) 371273.13
3808790.86 0.65414 (20011824)
371311.93 3808808.25 0.63113 (20011824) 371350.73
3808825.65 0.60647 (20010624)
371389.53 3808843.05 0.58512 (20010624) 371428.34

  371731.76 3809157.90 0.38023m (22120324) 371743.14
3809198.87 0.38604m (22120324)
  371754.52 3809239.84 0.39091m (22120324) 371765.89
3809280.81 0.39477m (22120324)
  371777.27 3809321.79 0.39754m (22120324) 371788.65
3809362.76 0.39916m (22120324)
  371800.03 3809403.73 0.39963m (22120324) 371811.41
3809444.70 0.39893m (22120324)
  371192.97 3808765.15 0.68919 (20012724) 371149.06
3808765.93 0.73695 (20012724)

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        371114.74   3809341.85        2.76569m (22120324)               371070.05
3809343.06        3.12844m (22120324)
        371025.36   3809344.27        3.63855m (22120324)               371114.06
3809316.86        2.25968m (22120324)
        371069.37   3809318.07        2.56318m (22120324)               371024.69
3809319.28        2.98090m (22120324)
        371135.72   3809291.26        1.82434m (22120324)               371091.04
3809292.47        2.06925m (22120324)
        371046.35   3809293.68        2.34299m (22120324)               371001.66
3809294.90        2.73695m (22120324)
        371135.05   3809266.27        1.63676  (20012724)               371090.36
3809267.48        1.82510m (22120324)
        371045.67   3809268.69        2.04947m (22120324)               371000.99
3809269.91        2.33511m (22120324)
        371132.33   3809166.30        1.27713  (20012724)               371087.64
3809167.52        1.38094  (20012724)
        371042.96   3809168.73        1.48483  (20012724)               370998.27
3809169.94        1.60166  (20012724)
        371129.62   3809066.34        1.07899  (20012724)               371084.93
3809067.55        1.16385  (20012724)
        371040.24   3809068.77        1.24659  (20012724)               370995.56
3809069.98        1.33272  (20012724)
        371126.90   3808966.38        0.94756  (20012724)               371082.22
3808967.59        1.01565  (20012724)
        371037.53   3808968.80        1.07888  (20012724)               370992.84
3808970.02        1.13813  (20012724)
        371124.19   3808866.41        0.84740  (20012724)               371079.50
3808867.63        0.89958  (20012724)
        371034.82   3808868.84        0.94576  (20012724)               370990.13
3808870.05        0.98867  (20012724)
        371121.47   3808766.45        0.76373  (20012724)               371076.79
3808767.66        0.80222  (20012724)
        371032.10   3808768.88        0.83562  (20012724)               370987.41
3808770.09        0.86872  (20012724)
        371028.69   3809369.08        4.78319m (22120324)               371053.68
3809368.30        4.46012m (22120324)
        371078.66   3809367.51        4.20592m (22120324)               371103.65
3809366.72        3.95512m (22120324)
        371203.60   3809363.57        2.05661m (22120324)               371601.97
3809305.59        0.53641m (22120324)
        370967.46   3809295.55        3.14991m (22120324)               371023.31
3809282.64        2.35114m (22120324)
        370970.16   3809270.70        2.59154m (22120324)               371026.01
3809257.79        2.04082m (22120324)
        370991.61   3809247.88        2.12518m (22120324)               370954.11
3809243.81        2.32050m (22120324)
        371028.71   3809232.93        1.80391m (22120324)               371060.00
3809248.67        1.79927m (22120324)
        370994.31   3809223.03        1.87046m (22120324)               370956.81
3809218.95        2.01602m (22120324)
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        371039.51   3809133.52        1.39353  (20012724)               371070.79
3809149.25        1.36770  (20012724)
        371155.65   3809204.78        1.32067  (20012724)               371168.94
3809237.18        1.37636  (20012724)
        371005.11   3809123.61        1.44462  (20012724)               370967.60
3809119.54        1.52505  (20012724)
        371050.30   3809034.10        1.16509  (20012724)               371159.81
3809089.17        1.05244  (20012724)
        371191.09   3809104.90        1.02205  (20011824)               371229.02
3809136.84        1.00440  (20010624)
        371255.60   3809201.63        1.04301  (20010624)               371268.89
3809234.03        1.04792m (21011024)
        371282.19   3809266.43        1.08012m (21011024)               371015.91
3809024.20        1.20301  (20012724)
        370978.40   3809020.12        1.25275  (20012724)               371062.14
3808935.21        1.00003  (20012724)
        371178.95   3808993.95        0.89420  (20011824)               371212.32
3809010.73        0.87580  (20011824)
        371245.69   3809027.51        0.84738  (20011824)               371279.06
3809044.30        0.82376  (20010624)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371302.84   3809069.97        0.81169  (20010624)               371331.19
```

3809139.09 0.80625 (22121624)
371345.37 3809173.65 0.82320 (22121624) 371026.70
3808924.78 1.02777 (20012724)
370989.20 3808920.71 1.06231 (20012724) 371072.72
3808835.68 0.87238 (20012724)
371105.65 3808852.25 0.85538 (20012724) 371171.52
3808885.37 0.80101 (20012724)
371204.45 3808901.93 0.78280 (20011824) 371237.38
3808918.49 0.76721 (20011824)
371270.32 3808935.05 0.74349 (20011824) 371303.25
3808951.62 0.72114 (20010624)
371336.18 3808968.18 0.69829 (20010624) 371376.11
3809001.79 0.66079 (20010624)
371404.09 3809070.00 0.67411 (22121624) 371418.08
3809104.11 0.68174 (22121624)
371037.50 3808825.37 0.89225 (20012724) 370999.99
3808821.29 0.91781 (20012724)
371083.37 3808736.20 0.76946 (20012724) 371181.31
3808785.45 0.71544 (20012724)
371213.96 3808801.87 0.69852 (20011824) 371246.61
3808818.28 0.68952 (20011824)
371279.25 3808834.70 0.67378 (20011824) 371311.90
3808851.12 0.65067 (20011824)
371344.55 3808867.54 0.63330 (20010624) 371377.19
3808883.96 0.61319 (20010624)
371409.84 3808900.37 0.58515 (20010624) 371449.42
3808933.70 0.55378 (22121624)
371477.16 3809001.31 0.57726 (22121624) 371491.03
3809035.12 0.58036 (22121624)
371504.89 3809068.93 0.57690 (22121624) 371048.30
3808725.95 0.78361 (20012724)
371010.79 3808721.88 0.80279 (20012724) 371130.62
3809235.69 1.50876 (20012724)
371235.07 3809238.10 1.16242 (20010624) 371226.97
3809208.93 1.13268 (20010624)
371323.33 3809182.18 0.86458 (22121624) 371427.78
3809184.59 0.69959 (22121624)
371524.13 3809157.83 0.55848 (22121624) 370932.62
3809258.34 2.76560m (22120324)
370899.12 3809241.05 2.82017m (22120324) 370927.34
3809227.48 2.30173m (22120324)
370938.80 3809205.26 1.97882m (22120324) 370983.77
3809200.33 1.76096 (20012724)
370950.27 3809183.05 1.81292 (20012724) 371096.95
3809194.28 1.44036 (20012724)
371029.62 3809111.47 1.35994 (20012724) 370996.12
3809094.18 1.38919 (20012724)
371087.13 3809036.94 1.10840 (20012724) 371133.75
3809094.27 1.11831 (20012724)
371157.05 3809122.93 1.11855 (20012724) 371180.36

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3809151.60        1.11979  (20011824)
        371041.98   3809005.32        1.12995  (20012724)                371204.51
3809036.03        0.91283  (20011824)
        371252.04   3809094.49        0.91294  (20010624)                371275.80
3809123.72        0.90671  (20010624)
        371299.56   3809152.95        0.87943  (20010624)                371121.34
3808933.74        0.91914  (20012724)
        371087.84   3808916.45        0.94468  (20012724)                371247.53
3808943.68        0.77581  (20011824)
        371327.87   3809042.49        0.75327  (20010624)                371350.82
3809070.73        0.72770  (20010624)
        371373.77   3809098.96        0.72390  (22121624)                371167.19
3808844.87        0.77496  (20012724)
        371133.69   3808827.58        0.80165  (20012724)                371317.93
3808885.00        0.66346  (20010624)
        371387.85   3808971.00        0.63394  (20010624)                371411.16
3808999.67        0.61780  (22121624)
        371434.46   3809028.33        0.62260  (22121624)                371457.77
3809057.00        0.61868  (22121624)
        371179.55   3808738.72        0.68770  (20012724)                370867.46
3809234.56        3.06998m (22120324)
        370843.15   3809230.50        3.49407m (22120324)                370895.89
3809213.95        2.36122m (22120324)
        370871.58   3809209.90        2.54401m (22120324)                370900.00
3809189.29        2.06615  (20012724)
        370875.69   3809185.24        2.22110m (22120324)                370918.81
3809169.52        1.87511  (20012724)
        370879.80   3809160.58        1.98972m (22120324)                370940.17
3809072.51        1.44511  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                   PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370896.26	3809061.94	1.50913	(20012724)	370959.07	3808974.69	1.18915	(20012724)
370937.02	3808967.36	1.20587	(20012724)	371012.28	3808888.26	0.99234	(20012724)
371051.48	3808901.29	0.96913	(20012724)	371011.93	3808784.04	0.86583	(20012724)
371053.94	3808798.00	0.84952	(20012724)	371095.94	3808811.96	0.82690	(20012724)
370945.62	3808766.03	0.90748	(20012724)	370921.31	3808761.97	0.94973	(20012724)
371008.43	3808678.78	0.76491	(20012724)	371030.48	3808686.10	0.75867	(20012724)
371052.54	3808693.43	0.75258	(20012724)	371074.59	3808700.76	0.74562	(20012724)
371096.64	3808708.09	0.73711	(20012724)	371118.69	3808715.42	0.72661	(20012724)
371140.75	3808722.75	0.71389	(20012724)	370986.38	3808671.45	0.77265	(20012724)
370962.07	3808667.39	0.78841	(20012724)	370937.76	3808663.34	0.80994	(20012724)
371339.04	3809255.16	0.90594m	(21011024)	371439.04	3809255.16	0.71057m	(22120324)
370908.89	3809261.42	3.23597m	(22120324)	371333.84	3809341.70	1.07639m	(22120324)
371397.80	3809452.69	1.02205m	(22120324)	370889.69	3809134.21	1.78791	(20012724)
370883.21	3809090.99	1.64116	(20012724)	370876.73	3809047.77	1.57226m	(22120324)
370914.42	3809130.50	1.70383	(20012724)	370907.93	3809087.28	1.55781	(20012724)
370898.21	3809022.45	1.40085	(20012724)	370942.38	3809148.40	1.69731	(20012724)
370935.90	3809105.18	1.55554	(20012724)	370926.17	3809040.35	1.38371	(20012724)
370965.18	3809161.78	1.67336	(20012724)	370950.90	3809036.65	1.33245	(20012724)
371059.08	3809191.38	1.51875	(20012724)	371062.76	3809108.25	1.28584	(20012724)
371151.92	3809028.59	0.98085	(20012724)	371259.17	3809141.21	0.95839	(20010624)
371257.30	3809056.97	0.86290	(20010624)	371355.47	3809149.44	0.78762	(22121624)

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        371338.65   3809298.98        0.97882m (22120324)               371349.71
3808998.92        0.69769  (20010624)
        371456.96   3809111.54        0.64037  (22121624)               371445.42
3809214.07        0.67260  (22121624)
        371436.20   3809296.10        0.75695m (22120324)               371431.58
3809337.12        0.80859m (22120324)
        371451.85   3809005.69        0.59701  (22121624)               370877.58
3809012.03        1.48353m (22120324)
        370881.83   3808989.54        1.39360m (22120324)               370890.34
3808944.56        1.27316  (20012724)
        370894.60   3808922.07        1.22286  (20012724)               370898.85
3808899.59        1.17631  (20012724)
        370914.91   3808949.21        1.21176  (20012724)               370919.16
3808926.72        1.16529  (20012724)
        370923.42   3808904.23        1.12199  (20012724)               370931.93
3808859.26        1.04269  (20012724)
        370930.96   3808998.84        1.27852  (20012724)               370943.73
3808931.37        1.13262  (20012724)
        370947.98   3808908.88        1.09089  (20012724)               370956.49
3808863.90        1.01473  (20012724)
        370955.53   3809003.48        1.25117  (20012724)               370968.29
3808936.02        1.10972  (20012724)
        370976.80   3808891.04        1.03111  (20012724)               371173.32
3808928.22        0.83476  (20012724)
        371267.32   3808969.30        0.77051  (20011824)               371344.30
3809100.33        0.75195  (22121624)
        371459.58   3809028.97        0.60384  (22121624)               370904.45
3808837.47        1.08105  (20012724)
        370892.30   3808816.40        1.11431  (20012724)               370880.14
3808795.33        1.18808  (20012724)
        370926.11   3808824.98        1.00921  (20012724)               370913.95
3808803.91        1.01446  (20012724)
        370901.80   3808782.84        1.03714  (20012724)               370950.67
3808829.62        0.97616  (20012724)
        370935.61   3808791.41        0.95167  (20012724)               370973.30
3808822.84        0.94295  (20012724)
        370977.18   3808845.70        0.96848  (20012724)               370969.42
3808799.99        0.91872  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        22:32:04

                                  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371056.04   3808750.02        0.80083  (20012724)               371158.18
3808791.46        0.74590  (20012724)
        371162.05   3808814.32        0.75828  (20012724)               371142.66
3808700.05        0.69669  (20012724)
        371130.50   3808678.98        0.69181  (20012724)               371118.35
3808657.91        0.68585  (20012724)
        371233.16   3808672.93        0.60541  (20011824)               371237.04
3808695.79        0.61795  (20011824)
        371240.92   3808718.64        0.63030  (20011824)               371244.80
3808741.49        0.64244  (20011824)
        371264.19   3808855.76        0.69937  (20011824)               371229.28
3808650.08        0.59273  (20011824)
        371217.12   3808629.01        0.59368  (20012724)               371204.97
3808607.94        0.59415  (20012724)
        371319.78   3808622.96        0.54589  (20011824)               371323.66
3808645.82        0.55329  (20011824)
        371327.54   3808668.67        0.56028  (20011824)               371331.42
3808691.52        0.56685  (20011824)
        371335.29   3808714.38        0.57296  (20011824)               371339.17
3808737.23        0.57856  (20011824)
        371343.05   3808760.09        0.58362  (20011824)               371346.93
3808782.94        0.58810  (20011824)
        371315.90   3808600.11        0.53813  (20011824)               371303.74
3808579.04        0.53379  (20011824)
        371291.59   3808557.97        0.52815  (20011824)               371406.40
3808572.99        0.48104  (20011824)
        371410.28   3808595.85        0.48394  (20011824)               371414.16
3808618.70        0.48630  (20011824)
        371418.04   3808641.55        0.49078  (20010624)               371421.91
3808664.41        0.49714  (20010624)
        371425.79   3808687.26        0.50301  (20010624)               371429.67
3808710.12        0.50836  (20010624)
        371433.55   3808732.97        0.51313  (20010624)               371437.43
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3808755.82        0.51726  (20010624)
        371441.31   3808778.68        0.52069  (20010624)                371445.19
3808801.53        0.52335  (20010624)
        371449.07   3808824.38        0.52517  (20010624)                371452.95
3808847.24        0.52607  (20010624)
        371464.58   3808915.80        0.53655  (22121624)                371402.52
3808550.14        0.47765  (20011824)
        371390.36   3808529.07        0.47855  (20011824)                371378.21
3808508.00        0.47809  (20011824)
        370877.65   3808756.30        1.13908  (20012724)                370874.81
3808731.98        1.09352  (20012724)
        370871.97   3808707.67        1.04122  (20012724)                370899.64
3808729.09        0.97507  (20012724)
        370896.80   3808704.77        0.94378  (20012724)                370924.47
3808726.19        0.90238  (20012724)
        370921.63   3808701.88        0.87932  (20012724)                370949.30
3808723.29        0.85745  (20012724)
        370946.47   3808698.98        0.83637  (20012724)                371255.79
3808761.45        0.64852  (20011824)
        371448.77   3808689.64        0.49045  (20010624)                371445.93
3808665.33        0.48494  (20010624)
        371443.09   3808641.02        0.47898  (20010624)                370845.48
3808685.63        0.98423  (20012724)
        370821.17   3808687.25        0.86957  (21022824)                370861.47
3808666.41        0.91232  (20012724)
        370859.81   3808641.46        0.81602  (20012724)                370903.95
3808669.24        0.86801  (20012724)
        370858.14   3808616.52        0.74006  (20012724)                370893.45
3808627.98        0.80008  (20012724)
        370874.19   3808524.10        0.59851  (20012724)                370914.54
3808537.20        0.65361  (20012724)
        370954.89   3808550.29        0.67614  (20012724)                370985.17
3808575.49        0.69112  (20012724)
        371005.38   3808612.79        0.71208  (20012724)                371025.59
3808650.09        0.73132  (20012724)
        370890.74   3808431.85        0.51626  (20012724)                370933.11
3808445.60        0.56199  (20012724)
        370975.48   3808459.35        0.59046  (20012724)                371017.85
3808473.10        0.60220  (20012724)
        371049.64   3808499.55        0.61389  (20012724)                371070.86
3808538.72        0.63186  (20012724)
        371092.08   3808577.88        0.64764  (20012724)                371113.29
3808617.05        0.66183  (20012724)
        370907.45   3808339.65        0.45784  (20012724)                370929.18
3808346.70        0.47809  (20012724)
        370950.91   3808353.75        0.49613  (20012724)                370972.63
3808360.80        0.51148  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370994.36	3808367.85	0.52385	(20012724)	371016.09	3808374.90	0.53317	(20012724)
371037.82	3808381.95	0.53956	(20012724)	371059.54	3808389.00	0.54331	(20012724)
371081.27	3808396.05	0.54475	(20012724)	371113.88	3808423.19	0.55171	(20012724)
371124.76	3808443.27	0.55841	(20012724)	371135.64	3808463.36	0.56441	(20012724)
371146.52	3808483.44	0.56974	(20012724)	371157.40	3808503.52	0.57442	(20012724)
371168.28	3808523.61	0.57846	(20012724)	371179.16	3808543.69	0.58177	(20012724)
371190.04	3808563.78	0.58432	(20012724)	371200.92	3808583.86	0.58602	(20012724)
370924.23	3808247.48	0.41250	(20012724)	370946.29	3808254.64	0.42950	(20012724)
370968.36	3808261.80	0.44504	(20012724)	370990.43	3808268.96	0.45876	(20012724)
371012.49	3808276.12	0.47040	(20012724)	371034.56	3808283.28	0.47982	(20012724)
371056.63	3808290.44	0.48695	(20012724)	371078.70	3808297.60	0.49185	(20012724)
371100.76	3808304.75	0.49462	(20012724)	371122.83	3808311.91	0.49542	(20012724)

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        371144.90   3808319.07        0.49441  (20012724)              371178.01
3808346.63        0.49652  (20012724)
        371189.06   3808367.03        0.50055  (20012724)              371200.11
3808387.43        0.50386  (20012724)
        371211.16   3808407.83        0.50643  (20012724)              371222.21
3808428.23        0.50826  (20012724)
        371233.26   3808448.62        0.50932  (20012724)              371244.32
3808469.02        0.50958  (20012724)
        371255.37   3808489.42        0.50899  (20012724)              371266.42
3808509.82        0.51063  (20011824)
        371277.47   3808530.22        0.51856  (20011824)              370918.74
3808148.07        0.36021  (20012724)
        370941.04   3808155.31        0.37556  (20012724)              370963.34
3808162.54        0.39010  (20012724)
        370985.64   3808169.78        0.40358  (20012724)              371007.94
3808177.02        0.41574  (20012724)
        371030.24   3808184.25        0.42636  (20012724)              371052.53
3808191.49        0.43530  (20012724)
        371074.83   3808198.72        0.44245  (20012724)              371097.13
3808205.96        0.44777  (20012724)
        371119.43   3808213.19        0.45125  (20012724)              371141.73
3808220.43        0.45296  (20012724)
        371164.03   3808227.66        0.45296  (20012724)              371186.33
3808234.90        0.45135  (20012724)
        371208.63   3808242.13        0.44820  (20012724)              371242.09
3808269.98        0.44598  (20012724)
        371253.26   3808290.59        0.44765  (20012724)              371264.43
3808311.21        0.44860  (20012724)
        371275.59   3808331.82        0.44881  (20012724)              371286.76
3808352.43        0.44826  (20012724)
        371297.93   3808373.05        0.44780  (20011824)              371309.09
3808393.66        0.45527  (20011824)
        371320.26   3808414.27        0.46199  (20011824)              371331.43
3808434.89        0.46789  (20011824)
        371342.59   3808455.50        0.47290  (20011824)              371353.76
3808476.11        0.47695  (20011824)
        370807.24   3808111.90        0.28072  (21022824)              370782.93
3808113.52        0.27798  (21022824)
        370850.78   3808734.63        1.29596  (20012724)              370853.16
3808759.51        1.60857m (22120324)
        370861.00   3809110.37        1.99619m (22120324)              370826.58
3808651.51        0.73400  (20012724)
        370934.22   3808562.55        0.69169  (20012724)              370954.83
3808592.62        0.72063  (20012724)
        370975.43   3808622.70        0.73731  (20012724)              370903.31
3808517.43        0.62015  (20012724)
        370971.99   3808481.43        0.60933  (20012724)              370992.59
3808511.51        0.63508  (20012724)
        371013.20   3808541.59        0.65393  (20012724)              371033.81
3808571.67        0.66836  (20012724)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371030.36   3808430.39   0.57130 (20012724)   371050.96
3808460.47   0.58843 (20012724)
        371071.57   3808490.55   0.60185 (20012724)   371092.18
3808520.63   0.61260 (20012724)
        371112.78   3808550.71   0.62140 (20012724)   371133.39
3808580.78   0.62833 (20012724)
        371154.00   3808610.86   0.63306 (20012724)   371174.60
3808640.94   0.63508 (20012724)
        371195.21   3808671.02   0.63390 (20012724)   371105.23
3808888.31   0.89215 (20012724)
        371015.19   3808978.74   1.12422 (20012724)   370958.24
3808325.12   0.47990 (20012724)
        370922.70   3808314.97   0.45210 (20012724)   370996.00
3808244.00   0.44655 (20012724)
        371047.52   3808319.20   0.50223 (20012724)   371068.12

3808349.28 0.51992 (20012724)
371212.37 3808559.82 0.56680 (20012724) 371232.97
3808589.90 0.56326 (20012724)
371253.58 3808619.98 0.56930 (20011824) 371274.18
3808650.06 0.57838 (20011824)
371294.79 3808680.14 0.58381 (20011824) 371320.58
3808781.17 0.61157 (20011824)
371114.77 3808987.86 0.99291 (20012724) 371089.04
3809013.69 1.06960 (20012724)
370967.93 3808223.89 0.42348 (20012724) 371023.46
3808147.85 0.40694 (20012724)
371074.98 3808223.04 0.45410 (20012724) 371095.58
3808253.12 0.46973 (20012724)
371116.19 3808283.20 0.48293 (20012724) 371342.86
3808614.06 0.53066 (20011824)
371363.47 3808644.14 0.52869 (20011824) 371384.07
3808674.22 0.52266 (20011824)
371404.68 3808704.30 0.52047 (20010624) 371420.16
3808790.29 0.54102 (20010624)
371394.44 3808816.12 0.57046 (20010624) 371291.53
3808919.47 0.70839 (20011824)
371175.76 3809035.73 0.94668 (20011824) 371111.45
3809100.32 1.17493 (20012724)
371085.72 3809126.15 1.28049 (20012724) 371021.41
3809190.74 1.61324 (20012724)
370931.37 3809281.17 3.34953m (22120324) 370995.39
3808127.73 0.38778 (20012724)
370822.83 3808712.19 1.41120m (23013024) 370847.14
3808710.57 1.43872 (20012724)
370858.49 3808807.82 2.41923m (22120324) 370882.80
3808849.96 1.60047m (22120324)
370848.76 3809029.87 2.84577m (22120324) 370868.21
3809159.53 2.81362m (22120324)
370839.04 3809234.09 4.97147m (22120324) 370839.04
3809255.16 6.08329m (22120324)
370887.66 3809263.27 4.89988m (22120324) 370937.91
3809289.20 4.36040m (22120324)
370946.01 3809318.37 5.96950m (22120324) 371002.27
3809324.48 4.42810m (22120324)
371003.70 3809369.87 7.12850m (22120324) 371137.76
3809366.23 4.64365m (22120324)
371225.58 3809364.67 1.84735m (21011024) 371212.07
3809444.17 2.73202m (21011024)
371189.72 3809473.27 4.00299m (22120324) 371178.54
3809515.83 5.37731m (22120324)
371208.74 3809569.05 3.87032m (22120324) 371216.66
3809697.06 3.76713m (22120324)
371211.62 3809719.36 3.90425m (22120324) 371195.08
3809860.32 4.30084m (22120324)
371186.45 3809871.82 4.99119m (22120324) 371200.11

3809894.84   4.18268m (22120324)
        371192.92   3810052.34   2.07177m (22120324)   371165.59
3810045.87   2.77393m (22120324)
        371154.09   3810042.27   3.17807m (22120324)   371154.09
3810059.53   2.35791m (22120324)
        371146.18   3810064.57   2.28660m (22120324)   371023.91
3810055.93   3.60266m (22120324)
        371015.28   3810023.57   4.87127m (22120324)   370757.81
3809977.54   6.17194m (22120324)
        370666.48   3810060.97   4.86543m (22120324)   370592.02
3810093.12   4.20564m (22120324)
        370548.02   3810093.97   4.17902m (22120324)   370528.56
3810117.66   3.18276m (22120324)
        370503.18   3810116.81   3.18003m (22120324)   370485.41
3810093.97   4.16028m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370430.41   3810099.89   3.92347m (22120324)   370313.65
3810112.58   3.58710m (22120324)
        370298.42   3810126.97   3.00581m (22120324)   370223.96
3810150.66   2.70337m (22120324)
        370196.04   3810181.96   2.03071m (22120324)   370170.66
3810183.66   2.05774m (22120324)

370135.12 3810190.42 2.10430m (22120324) 370108.05
3810175.19 2.60046m (22120324)
370075.05 3810182.81 2.36279m (22120324) 369956.59
3810155.73 2.71410m (22120324)
369907.52 3810133.74 2.70014m (22120324) 369878.75
3810142.20 1.81439m (22120324)
369864.37 3810132.89 1.76000m (22120324) 369868.60
3810115.97 2.40476m (22120324)
369829.68 3810091.43 1.49141m (22120324) 369822.06
3810071.12 1.28772m (22120324)
369832.22 3810049.97 1.29470m (22120324) 369849.98
3810046.59 1.50946m (22120324)
370020.05 3810114.27 3.53194m (22120324) 370020.05
3810077.05 2.19505m (22120324)
370036.97 3810070.28 2.05714m (22120324) 370049.67
3810076.20 2.15625m (22120324)
370079.28 3810067.74 2.08703m (22120324) 370097.05
3810031.36 1.78570m (22120324)
370116.51 3810027.13 1.81464m (22120324) 370171.50
3810050.82 2.33699m (20112124)
370186.73 3810037.28 2.47665m (20122124) 370218.04
3810033.05 2.36981m (22120324)
370226.50 3810041.51 2.58948m (22120324) 370244.27
3810027.97 2.53001m (22120324)
370289.11 3810031.36 2.96568m (22120324) 370324.65
3810044.89 3.93086m (22120324)
370467.64 3810030.51 4.84753m (22120324) 370478.64
3810027.97 4.82164m (22120324)
370489.64 3810000.90 4.14139m (22120324) 370531.10
3809993.28 4.88810m (22120324)
370549.71 3809988.21 5.61994m (22120324) 370578.48
3809983.97 6.53670m (22120324)
370638.56 3809975.51 6.25168m (22120324) 370652.94
3809970.44 6.44293m (22120324)
370655.48 3809958.59 7.07127m (22120324) 370597.94
3809958.59 6.18551m (22120324)
370524.33 3809960.28 4.78437m (22120324) 370494.72
3809938.29 4.57054m (22120324)
370450.72 3809941.67 3.54890m (22120324) 370431.26
3809942.52 3.26899m (22120324)
370427.03 3809924.75 3.27609m (22120324) 370430.41
3809906.13 3.45002m (22120324)
370408.41 3809902.75 3.11815m (22120324) 370394.03
3809710.68 3.48831m (22120324)
370394.88 3809696.30 3.43653m (22120324) 370402.49
3809685.30 3.61735m (22120324)
370426.18 3809701.38 5.02584m (22120324) 370426.18
3809625.23 3.69965m (22120324)
370439.72 3809600.69 3.47089m (22120324) 370503.18
3809546.54 3.90525m (22120324)

```
        370698.63   3809431.47        5.10429m (22120324)                370715.55
3809438.24        6.30954m (22120324)
        370766.32   3809401.01        6.85503m (22120324)                370767.16
3809342.63        5.87466m (22120324)
        370734.16   3809307.09        4.09773m (22120324)                370739.24
3809271.55        3.61268m (22120324)
        370795.93   3809270.71        5.49931m (22120324)                370795.93
3809163.25        3.12509m (22120324)
        370797.62   3808929.73        1.91729m (22120324)                370806.93
3808880.65        1.81885m (22120324)
        370809.47   3808845.12        1.67922m (22120324)                370813.70
3808830.73        1.73904m (22120324)
        370789.16   3808796.89        1.23344m (23013024)                370801.01
3808766.43        1.34750m (23013024)
        370809.47   3808708.05        1.28577m (23013024)                370812.85
3808699.59        1.21976m (23013024)
        370848.39   3808709.74        1.42518  (20012724)

↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        22:32:04

                                 PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

                                                      DATE
                                        NETWORK
GROUP ID                              AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS       7.12850m ON 22120324: AT (  371003.70,
3809369.87,   500.00,  1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/04/25
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   74 Warning Message(s)
A Total of   885 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   217 Calm Hours Identified

A Total of   668 Missing Hours Identified (1.52 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   6191   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   6191   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732   1608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
CN W732   3648   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
20010101
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
CN W732   10512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
CN W732   10536   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
CN W732   10560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
CN W732   10584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
CN W732   10992   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
CN W732   11016   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324

 CN W732   11112   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101624
 CN W732   15744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
 CN W732   16368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   16512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   16560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   16632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   16656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   16680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   17160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   17304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   17760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   17784   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   17808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   17832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   18096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   18120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   18144   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   19296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   19680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024

 CN W732   19776   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   19872   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040724
 CN W732   21240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   23400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   24288   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
 CN W732   24312   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924
 CN W732   29520   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022051424
 CN W732   30240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022061324
 CN W732   31656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022081124
 CN W732   32352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022090924
 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111224
 CN W732   33912   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111324
 CN W732   33936   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111424
 CN W732   33960   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111524
 CN W732   34392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022120324
 CN W732   36120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021324
 CN W732   36192   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021624
 CN W732   36720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031024
 CN W732   36744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031124
 CN W732   36768   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031224
 CN W732   36864   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031624
 CN W732   37224   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023033124
 CN W732   37392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023040724
 CN W732   37584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023041524
 CN W732   38400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023051924

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 CN W732   39744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023071424
 CN W732   41424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023092224
 CN W732   41976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023101524
 CN W732   42384         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110124
 CN W732   42408         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110224
 CN W732   42432         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110324
 CN W732   42456         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110424
 CN W732   42480         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110524
 CN W732   42504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110624
 CN W732   42528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110724
 CN W732   43248         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023120724
 CN W732   43704         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023122624

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   BELCAROPM10-A.ERR

 **File for Summary of Results:   BELCAROPM10-A.SUM

 *** AERMOD - VERSION 24142  ***   *** -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: ..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0
18	01	01	1	13	160.9	0.252	1.349	0.007	530.	304.	-8.7	0.05	2.01	0.23	2.60	45.	10.0	298.6	9.0
18	01	01	1	14	137.1	0.304	1.368	0.006	648.	402.	-17.8	0.05	2.01	0.24	3.35	63.	10.0	298.6	9.0
18	01	01	1	15	98.3	0.270	1.273	0.006	729.	337.	-17.3	0.05	2.01	0.28	2.96	65.	10.0	298.6	9.0
18	01	01	1	16	38.6	0.184	0.941	0.006	748.	193.	-14.1	0.05	2.01	0.36	1.98	60.	10.0	297.6	9.0
18	01	01	1	17	-6.2	0.111	-9.000	-9.000	-999.	91.	19.4	0.05	2.01	0.62	1.62	36.	10.0	296.0	9.0
18	01	01	1	18	-2.4	0.073	-9.000	-9.000	-999.	47.	13.8	0.10	2.01	1.00	0.84	325.	10.0	293.8	9.0
18	01	01	1	19	-4.0	0.091	-9.000	-9.000	-999.	65.	16.3	0.17	2.01	1.00	1.00	159.	10.0	290.5	9.0
18	01	01	1	20	-5.3	0.100	-9.000	-9.000	-999.	76.	16.7	0.09	2.01	1.00	1.32	124.	10.0	287.2	9.0
18	01	01	1	21	-6.3	0.110	-9.000	-9.000	-999.	88.	18.3	0.09	2.01	1.00	1.44	128.	10.0	285.8	9.0
18	01	01	1	22	-3.6	0.084	-9.000	-9.000	-999.	59.	14.3	0.09	2.01	1.00	1.08	136.	10.0	285.4	9.0
18	01	01	1	23	-5.3	0.100	-9.000	-9.000	-999.	76.	16.5	0.08	2.01						

```
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.85828 AT (  370655.48,  3809958.59,   495.91,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS       0.81444 AT (  370766.32,  3809401.01,   501.99,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS       0.81355 AT (  371003.70,  3809369.87,   500.00,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS       0.79206 AT (  370578.48,  3809983.97,   485.88,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS       0.78126 AT (  370652.94,  3809970.44,   499.77,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS       0.76639 AT (  370597.94,  3809958.59,   490.68,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS       0.75489 AT (  370638.56,  3809975.51,   499.07,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS       0.75249 AT (  370757.81,  3809977.54,   486.89,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS       0.73659 AT (  370715.55,  3809438.24,   500.25,
```

1482.08,   0.00) DC
        10TH HIGHEST VALUE IS   0.69741 AT (370767.16, 3809342.63,   503.32,
1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

                                                        DATE
                                          NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   1.53398m ON 22120324: AT (371003.70,
3809369.87,   500.00, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

```
 A Total of            0 Fatal Error Message(s)
 A Total of           74 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    6191       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6191       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732    1608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W732    3648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W732   10512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
 CN W732   10536         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
 CN W732   10560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W732   10584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
 CN W732   10992         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
 CN W732   11016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

2020101624
 CN W732   15744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
 CN W732   16368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   16512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   16560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   16632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   16656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   16680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   17160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   17304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   17760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   17784   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   17808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   17832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   18096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   18120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   18144   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   19296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   19680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   19776   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   19872   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040724
 CN W732   21240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   23400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   24288   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2021100824
 CN W732   24312   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924
 CN W732   29520   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022051424
 CN W732   30240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022061324
 CN W732   31656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022081124
 CN W732   32352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022090924
 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111224
 CN W732   33912   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111324
 CN W732   33936   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111424
 CN W732   33960   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111524
 CN W732   34392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022120324
 CN W732   36120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021324
 CN W732   36192   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021624
 CN W732   36720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031024
 CN W732   36744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031124
 CN W732   36768   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031224
 CN W732   36864   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031624
 CN W732   37224   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023033124
 CN W732   37392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023040724
 CN W732   37584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023041524
 CN W732   38400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023051924
 CN W732   39744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023071424
 CN W732   41424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023092224
 CN W732   41976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023101524
 CN W732   42384   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110124
 CN W732   42408   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2023110224
 CN W732   42432   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110324
 CN W732   42456   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110424
 CN W732   42480   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110524
 CN W732   42504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110624
 CN W732   42528   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110724
 CN W732   43248   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023120724
 CN W732   43704   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023122624

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/7/2025
** FILE: BELCARO PM10-Annual\BELCAROPM10-A.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE PM10 - Annual - DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9663345 LOS_ANGELES_COUNTY
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL BELCAROPM10-A.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFFROAD EQUIPMENT AND TRUCKS
** PREFIX
** LENGTH OF SIDE = 10.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0428392794
** VERTICAL DIMENSION = 10.00
** SZINIT = 4.65
** NODES = 109
** 370830.422, 3808728.665, 529.89, 5.00, 4.65
** 370847.214, 3808830.193, 524.37, 5.00, 4.65
** 370831.913, 3808930.059, 515.94, 5.00, 4.65
```

** 370830.165, 3808998.919, 513.74, 5.00, 4.65
** 370821.114, 3809267.159, 504.29, 5.00, 4.65
** 370880.927, 3809277.128, 508.42, 5.00, 4.65
** 370927.558, 3809336.314, 502.53, 5.00, 4.65
** 370986.745, 3809339.901, 504.54, 5.00, 4.65
** 370988.538, 3809384.740, 500.42, 5.00, 4.65
** 371162.511, 3809382.946, 501.79, 5.00, 4.65
** 371167.892, 3810017.857, 497.45, 5.00, 4.65
** 370748.205, 3809949.702, 493.47, 5.00, 4.65
** 370685.432, 3810021.444, 486.33, 5.00, 4.65
** 370631.626, 3810066.282, 482.61, 5.00, 4.65
** 370524.014, 3810066.282, 483.48, 5.00, 4.65
** 370260.364, 3810096.772, 486.06, 5.00, 4.65
** 370115.088, 3810141.610, 487.09, 5.00, 4.65
** 370028.999, 3810157.752, 483.28, 5.00, 4.65
** 369860.407, 3810087.804, 476.22, 5.00, 4.65
** 369869.374, 3810075.250, 476.34, 5.00, 4.65
** 370037.966, 3810139.817, 480.04, 5.00, 4.65
** 370222.700, 3810091.391, 499.32, 5.00, 4.65
** 370298.029, 3810069.869, 481.81, 5.00, 4.65
** 370425.369, 3810051.934, 482.82, 5.00, 4.65
** 370565.265, 3810046.553, 484.12, 5.00, 4.65
** 370559.884, 3809998.128, 485.47, 5.00, 4.65
** 370586.787, 3809994.541, 488.32, 5.00, 4.65
** 370593.961, 3810039.379, 484.02, 5.00, 4.65
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LOCATION L0001429 VOLUME 370895.608 3809625.560 496.18
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LOCATION L0001431 VOLUME 370902.449 3809636.069 496.21
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LOCATION L0001439 VOLUME 370902.449 3809716.069 493.67
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LOCATION L0001441 VOLUME 370902.449 3809736.069 493.04
LOCATION L0001442 VOLUME 370902.449 3809746.069 492.72
LOCATION L0001443 VOLUME 370902.449 3809756.069 492.41

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   LOCATION L0001445     VOLUME   370902.449 3809776.069 491.77
   LOCATION L0001446     VOLUME   370895.855 3809777.862 491.73
   LOCATION L0001447     VOLUME   370886.090 3809775.708 491.83
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   LOCATION L0001450     VOLUME   370856.794 3809769.246 492.10
   LOCATION L0001451     VOLUME   370847.029 3809767.092 492.20
   LOCATION L0001452     VOLUME   370837.264 3809764.938 492.29
   LOCATION L0001453     VOLUME   370827.499 3809762.784 492.38
   LOCATION L0001454     VOLUME   370817.734 3809760.630 492.48
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   LOCATION L0001457     VOLUME   370788.438 3809754.167 492.75
   LOCATION L0001458     VOLUME   370781.426 3809750.807 492.88
   LOCATION L0001459     VOLUME   370786.465 3809742.170 493.13
   LOCATION L0001460     VOLUME   370791.503 3809733.532 493.37
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   LOCATION L0001462     VOLUME   370806.952 3809721.216 493.72
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   LOCATION L0001464     VOLUME   370823.370 3809709.794 494.05
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   LOCATION L0001471     VOLUME   370875.546 3809679.940 494.88
   LOCATION L0001472     VOLUME   370875.546 3809689.940 494.60
   LOCATION L0001473     VOLUME   370875.546 3809699.940 494.31
   LOCATION L0001474     VOLUME   370875.546 3809709.940 494.02
   LOCATION L0001475     VOLUME   370875.546 3809719.940 493.73
   LOCATION L0001476     VOLUME   370875.546 3809729.940 493.44
   LOCATION L0001477     VOLUME   370875.546 3809739.940 493.15
   LOCATION L0001478     VOLUME   370869.052 3809743.446 493.09
   LOCATION L0001479     VOLUME   370859.052 3809743.446 493.15
   LOCATION L0001480     VOLUME   370849.052 3809743.446 493.21
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
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   SRCPARAM L0000010     0.0000289455      5.00      4.65      4.65
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   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
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**
**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** PLANT BOUNDARY NAME PLBN1
** GRID SPACING = 25.00
** NO. OF TIERS = 2
** TIER 1: SEGMENT DISTANCE = 100.00
** TIER 1: TIER SPACING = 25.00
** TIER 2: SEGMENT DISTANCE = 500.00
** TIER 2: TIER SPACING = 100.00
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   DISCCART    370772.52   3808674.46    0.00    0.00
   DISCCART    370799.76   3808653.91    0.00    0.00
   DISCCART    370749.30   3808665.18    0.00    0.00
   DISCCART    370767.60   3808645.43    0.00    0.00
   DISCCART    370788.75   3808631.46    0.00    0.00
   DISCCART    370815.57   3808629.07    0.00    0.00
   DISCCART    370726.09   3808655.91    0.00    0.00
   DISCCART    370744.39   3808636.15    0.00    0.00
   DISCCART    370762.69   3808616.40    0.00    0.00
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DISCCART	370779.09	3808743.38	0.00	0.00
DISCCART	370759.99	3808700.88	0.00	0.00
DISCCART	370754.35	3808739.80	0.00	0.00
DISCCART	370735.25	3808697.29	0.00	0.00
DISCCART	370729.61	3808736.21	0.00	0.00
DISCCART	370713.56	3808682.33	0.00	0.00
DISCCART	370707.68	3808713.17	0.00	0.00
DISCCART	370702.04	3808752.09	0.00	0.00
DISCCART	370615.61	3808664.19	0.00	0.00
DISCCART	370608.72	3808698.83	0.00	0.00
DISCCART	370603.08	3808737.75	0.00	0.00
DISCCART	370517.15	3808647.96	0.00	0.00
DISCCART	370526.30	3808613.82	0.00	0.00
DISCCART	370509.75	3808684.49	0.00	0.00
DISCCART	370504.11	3808723.41	0.00	0.00
DISCCART	370418.49	3808632.48	0.00	0.00
DISCCART	370428.25	3808596.06	0.00	0.00
DISCCART	370410.78	3808670.14	0.00	0.00
DISCCART	370405.14	3808709.06	0.00	0.00
DISCCART	370319.72	3808617.38	0.00	0.00
DISCCART	370329.90	3808579.44	0.00	0.00
DISCCART	370340.07	3808541.51	0.00	0.00
DISCCART	370311.82	3808655.80	0.00	0.00
DISCCART	370306.18	3808694.72	0.00	0.00
DISCCART	370220.25	3808604.93	0.00	0.00
DISCCART	370229.41	3808570.79	0.00	0.00
DISCCART	370238.56	3808536.65	0.00	0.00
DISCCART	370247.72	3808502.51	0.00	0.00
DISCCART	370212.85	3808641.46	0.00	0.00
DISCCART	370207.21	3808680.38	0.00	0.00
DISCCART	370771.79	3808772.60	0.00	0.00
DISCCART	370748.49	3808763.53	0.00	0.00
DISCCART	370719.26	3808769.70	0.00	0.00
DISCCART	370768.92	3808811.57	0.00	0.00
DISCCART	370793.46	3808845.41	0.00	0.00
DISCCART	370744.13	3808814.76	0.00	0.00
DISCCART	370741.07	3808791.02	0.00	0.00
DISCCART	370760.95	3808843.16	0.00	0.00
DISCCART	370721.61	3808823.70	0.00	0.00
DISCCART	370740.71	3808857.84	0.00	0.00
DISCCART	370702.13	3808840.29	0.00	0.00
DISCCART	370691.98	3808793.33	0.00	0.00

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DISCCART	370619.96	3808895.93	0.00	0.00
DISCCART	370605.38	3808859.20	0.00	0.00
DISCCART	370593.19	3808802.84	0.00	0.00
DISCCART	370597.98	3808763.61	0.00	0.00
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DISCCART	370399.73	3808866.40	0.00	0.00
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DISCCART	370772.28	3808976.25	0.00	0.00
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DISCCART	370746.10	3809139.54	0.00	0.00
DISCCART	370745.93	3809162.89	0.00	0.00
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DISCCART	370721.95	3809022.60	0.00	0.00
DISCCART	370721.78	3809045.95	0.00	0.00
DISCCART	370721.61	3809069.30	0.00	0.00
DISCCART	370721.44	3809092.65	0.00	0.00
DISCCART	370721.27	3809116.00	0.00	0.00
DISCCART	370721.10	3809139.36	0.00	0.00
DISCCART	370720.93	3809162.71	0.00	0.00
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DISCCART	370697.28	3808975.71	0.00	0.00
DISCCART	370697.12	3808999.06	0.00	0.00
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DISCCART	370696.78	3809045.77	0.00	0.00
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DISCCART	370696.44	3809092.47	0.00	0.00
DISCCART	370696.27	3809115.82	0.00	0.00
DISCCART	370696.10	3809139.17	0.00	0.00
DISCCART	370695.93	3809162.53	0.00	0.00
DISCCART	370599.37	3808910.37	0.00	0.00

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DISCCART	370596.78	3809045.04	0.00	0.00
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DISCCART	370596.27	3809115.10	0.00	0.00
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DISCCART	370595.94	3809161.80	0.00	0.00
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DISCCART	370297.46	3808949.46	0.00	0.00
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DISCCART	370695.93	3809249.22	0.00	0.00
DISCCART	370595.93	3809184.74	0.00	0.00
DISCCART	370595.93	3809227.73	0.00	0.00
DISCCART	370595.93	3809270.71	0.00	0.00
DISCCART	370495.93	3809184.74	0.00	0.00
DISCCART	370495.93	3809227.73	0.00	0.00
DISCCART	370495.93	3809270.71	0.00	0.00
DISCCART	370395.93	3809184.74	0.00	0.00
DISCCART	370395.93	3809227.73	0.00	0.00
DISCCART	370395.93	3809270.71	0.00	0.00
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DISCCART	370295.93	3809227.73	0.00	0.00
DISCCART	370295.93	3809270.71	0.00	0.00
DISCCART	370195.93	3809184.74	0.00	0.00
DISCCART	370195.93	3809227.73	0.00	0.00
DISCCART	370195.93	3809270.71	0.00	0.00
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DISCCART	370565.94	3809197.57	0.00	0.00
DISCCART	370623.24	3809115.20	0.00	0.00
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DISCCART	370538.71	3809261.02	0.00	0.00
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DISCCART	370466.95	3809183.42	0.00	0.00
DISCCART	370524.56	3809076.82	0.00	0.00
DISCCART	370557.16	3809040.14	0.00	0.00
DISCCART	370621.76	3809015.21	0.00	0.00
DISCCART	370654.05	3809002.74	0.00	0.00
DISCCART	370439.72	3809246.87	0.00	0.00
DISCCART	370351.49	3809199.72	0.00	0.00
DISCCART	370367.95	3809169.27	0.00	0.00
DISCCART	370417.33	3809077.90	0.00	0.00
DISCCART	370433.79	3809047.45	0.00	0.00
DISCCART	370466.71	3808986.54	0.00	0.00
DISCCART	370571.83	3808933.92	0.00	0.00
DISCCART	370652.57	3808902.75	0.00	0.00
DISCCART	370684.87	3808890.29	0.00	0.00

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DISCCART	370252.50	3809185.57	0.00	0.00
DISCCART	370268.96	3809155.12	0.00	0.00
DISCCART	370326.57	3809048.52	0.00	0.00
DISCCART	370343.03	3809018.07	0.00	0.00
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DISCCART	370285.18	3808927.78	0.00	0.00
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DISCCART	370665.76	3808696.54	0.00	0.00
DISCCART	370142.74	3809204.42	0.00	0.00
DISCCART	370715.84	3809324.10	0.00	0.00
DISCCART	370732.34	3809341.87	0.00	0.00
DISCCART	370748.84	3809359.64	0.00	0.00
DISCCART	370691.09	3809320.56	0.00	0.00
DISCCART	370714.02	3809358.88	0.00	0.00
DISCCART	370730.52	3809376.65	0.00	0.00
DISCCART	370672.77	3809337.57	0.00	0.00
DISCCART	370695.70	3809375.89	0.00	0.00
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DISCCART	370641.59	3809313.49	0.00	0.00
DISCCART	370677.38	3809392.90	0.00	0.00
DISCCART	370693.88	3809410.67	0.00	0.00
DISCCART	370581.17	3809422.63	0.00	0.00
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DISCCART	370555.46	3809340.44	0.00	0.00
DISCCART	370542.60	3809299.34	0.00	0.00
DISCCART	370604.10	3809460.95	0.00	0.00
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DISCCART	370493.28	3809443.97	0.00	0.00
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DISCCART	370479.25	3809399.14	0.00	0.00

DISCCART	370472.24	3809376.72	0.00	0.00
DISCCART	370465.23	3809354.31	0.00	0.00
DISCCART	370458.22	3809331.89	0.00	0.00
DISCCART	370451.20	3809309.47	0.00	0.00
DISCCART	370444.19	3809287.06	0.00	0.00
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DISCCART	370427.32	3809535.43	0.00	0.00
DISCCART	370420.47	3809513.51	0.00	0.00
DISCCART	370413.61	3809491.59	0.00	0.00
DISCCART	370406.75	3809469.67	0.00	0.00
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DISCCART	370393.04	3809425.84	0.00	0.00
DISCCART	370386.18	3809403.92	0.00	0.00
DISCCART	370379.33	3809382.00	0.00	0.00
DISCCART	370372.47	3809360.08	0.00	0.00
DISCCART	370365.61	3809338.16	0.00	0.00
DISCCART	370358.76	3809316.25	0.00	0.00
DISCCART	370351.90	3809294.33	0.00	0.00
DISCCART	370345.04	3809272.41	0.00	0.00
DISCCART	370441.04	3809579.26	0.00	0.00
DISCCART	370360.61	3809624.48	0.00	0.00
DISCCART	370353.47	3809601.64	0.00	0.00
DISCCART	370346.33	3809578.81	0.00	0.00
DISCCART	370339.19	3809555.98	0.00	0.00
DISCCART	370332.04	3809533.15	0.00	0.00
DISCCART	370324.90	3809510.32	0.00	0.00
DISCCART	370317.76	3809487.49	0.00	0.00
DISCCART	370310.62	3809464.66	0.00	0.00
DISCCART	370303.47	3809441.82	0.00	0.00
DISCCART	370296.33	3809418.99	0.00	0.00
DISCCART	370289.19	3809396.16	0.00	0.00
DISCCART	370282.05	3809373.33	0.00	0.00
DISCCART	370274.90	3809350.50	0.00	0.00
DISCCART	370267.76	3809327.67	0.00	0.00
DISCCART	370260.62	3809304.83	0.00	0.00
DISCCART	370253.48	3809282.00	0.00	0.00
DISCCART	370246.33	3809259.17	0.00	0.00
DISCCART	370367.76	3809647.31	0.00	0.00
DISCCART	370384.26	3809665.08	0.00	0.00
DISCCART	370400.76	3809682.85	0.00	0.00
DISCCART	370287.46	3809692.93	0.00	0.00
DISCCART	370280.45	3809670.52	0.00	0.00
DISCCART	370273.44	3809648.10	0.00	0.00
DISCCART	370266.42	3809625.69	0.00	0.00
DISCCART	370259.41	3809603.27	0.00	0.00
DISCCART	370252.40	3809580.85	0.00	0.00
DISCCART	370245.39	3809558.44	0.00	0.00
DISCCART	370238.37	3809536.02	0.00	0.00

DISCCART	370231.36	3809513.60	0.00	0.00
DISCCART	370224.35	3809491.19	0.00	0.00
DISCCART	370217.34	3809468.77	0.00	0.00
DISCCART	370210.32	3809446.35	0.00	0.00
DISCCART	370203.31	3809423.94	0.00	0.00
DISCCART	370196.30	3809401.52	0.00	0.00
DISCCART	370189.29	3809379.11	0.00	0.00
DISCCART	370182.27	3809356.69	0.00	0.00
DISCCART	370175.26	3809334.27	0.00	0.00
DISCCART	370168.25	3809311.86	0.00	0.00
DISCCART	370161.23	3809289.44	0.00	0.00
DISCCART	370154.22	3809267.02	0.00	0.00
DISCCART	370147.21	3809244.61	0.00	0.00
DISCCART	370294.48	3809715.35	0.00	0.00
DISCCART	370310.98	3809733.12	0.00	0.00
DISCCART	370327.48	3809750.89	0.00	0.00
DISCCART	370741.32	3809400.65	0.00	0.00
DISCCART	370266.37	3809393.82	0.00	0.00
DISCCART	370166.66	3809372.92	0.00	0.00
DISCCART	370571.99	3809171.50	0.00	0.00
DISCCART	370538.15	3809196.32	0.00	0.00
DISCCART	370436.80	3809022.62	0.00	0.00
DISCCART	370864.14	3809066.86	0.00	0.00
DISCCART	370901.29	3808974.02	0.00	0.00
DISCCART	370938.44	3808881.18	0.00	0.00
DISCCART	370666.40	3809421.43	0.00	0.00
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DISCCART	370627.31	3809444.45	0.00	0.00
DISCCART	370568.68	3809478.97	0.00	0.00
DISCCART	370549.13	3809490.48	0.00	0.00
DISCCART	370490.50	3809525.00	0.00	0.00
DISCCART	370653.72	3809399.89	0.00	0.00
DISCCART	370634.17	3809411.40	0.00	0.00
DISCCART	370614.63	3809422.90	0.00	0.00
DISCCART	370575.54	3809445.92	0.00	0.00
DISCCART	370555.99	3809457.42	0.00	0.00
DISCCART	370536.45	3809468.93	0.00	0.00
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DISCCART	370523.76	3809447.39	0.00	0.00
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DISCCART	370550.17	3809402.83	0.00	0.00
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DISCCART	370511.08	3809425.84	0.00	0.00

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DISCCART	370675.58	3808836.63	0.00	0.00
DISCCART	370899.16	3808870.97	0.00	0.00
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DISCCART	370390.67	3809511.08	0.00	0.00
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DISCCART	369956.84	3809258.78	0.00	0.00
DISCCART	369973.83	3809237.96	0.00	0.00
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DISCCART	370376.18	3809701.38	0.00	0.00
DISCCART	370351.18	3809663.30	0.00	0.00
DISCCART	370351.18	3809701.38	0.00	0.00
DISCCART	370330.33	3809609.13	0.00	0.00
DISCCART	370326.18	3809644.27	0.00	0.00
DISCCART	370326.18	3809682.34	0.00	0.00
DISCCART	370230.33	3809609.13	0.00	0.00
DISCCART	370226.18	3809644.27	0.00	0.00
DISCCART	370226.18	3809682.34	0.00	0.00
DISCCART	370130.85	3809607.11	0.00	0.00
DISCCART	370140.18	3809570.88	0.00	0.00
DISCCART	370149.51	3809534.65	0.00	0.00
DISCCART	370158.84	3809498.42	0.00	0.00
DISCCART	370126.18	3809644.27	0.00	0.00
DISCCART	370126.18	3809682.34	0.00	0.00
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DISCCART	370026.18	3809682.34	0.00	0.00
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DISCCART	369826.18	3809682.34	0.00	0.00
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DISCCART	370291.25	3809537.01	0.00	0.00
DISCCART	370355.13	3809495.60	0.00	0.00
DISCCART	370378.19	3809491.29	0.00	0.00
DISCCART	370187.72	3809493.92	0.00	0.00
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DISCCART	370409.52	3809403.37	0.00	0.00
DISCCART	370434.36	3809408.55	0.00	0.00
DISCCART	370459.20	3809413.74	0.00	0.00
DISCCART	370084.65	3809450.52	0.00	0.00
DISCCART	370106.87	3809436.12	0.00	0.00
DISCCART	370129.09	3809421.72	0.00	0.00
DISCCART	370151.31	3809407.32	0.00	0.00
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DISCCART	370123.47	3809315.16	0.00	0.00

DISCCART	370222.59	3809250.91	0.00	0.00
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DISCCART	370529.12	3809239.41	0.00	0.00
DISCCART	370567.66	3809247.45	0.00	0.00
DISCCART	369930.96	3809329.74	0.00	0.00
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DISCCART	369974.77	3809301.35	0.00	0.00
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DISCCART	370356.22	3809108.83	0.00	0.00
DISCCART	370471.19	3809132.84	0.00	0.00
DISCCART	370522.29	3809143.51	0.00	0.00
DISCCART	370547.84	3809148.85	0.00	0.00
DISCCART	370650.03	3809170.19	0.00	0.00
DISCCART	370675.58	3809175.52	0.00	0.00
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DISCCART	370199.63	3809671.75	0.00	0.00
DISCCART	370194.38	3809698.88	0.00	0.00
DISCCART	370099.80	3809665.85	0.00	0.00
DISCCART	370094.55	3809692.98	0.00	0.00
DISCCART	370000.27	3809659.10	0.00	0.00
DISCCART	369994.73	3809687.08	0.00	0.00
DISCCART	369900.38	3809653.38	0.00	0.00
DISCCART	369909.64	3809626.54	0.00	0.00
DISCCART	369894.90	3809681.18	0.00	0.00
DISCCART	369800.51	3809647.59	0.00	0.00
DISCCART	369809.69	3809620.99	0.00	0.00
DISCCART	369795.08	3809675.28	0.00	0.00
DISCCART	370370.90	3809736.56	0.00	0.00
DISCCART	370372.69	3809760.56	0.00	0.00
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DISCCART	370376.29	3809808.58	0.00	0.00
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DISCCART	370383.48	3809904.62	0.00	0.00
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DISCCART	370358.55	3809906.48	0.00	0.00
DISCCART	370324.63	3809788.31	0.00	0.00

DISCCART	370326.43	3809812.31	0.00	0.00
DISCCART	370328.23	3809836.32	0.00	0.00
DISCCART	370330.02	3809860.33	0.00	0.00
DISCCART	370331.82	3809884.34	0.00	0.00
DISCCART	370333.62	3809908.35	0.00	0.00
DISCCART	370297.90	3809766.16	0.00	0.00
DISCCART	370299.70	3809790.17	0.00	0.00
DISCCART	370301.50	3809814.18	0.00	0.00
DISCCART	370303.30	3809838.19	0.00	0.00
DISCCART	370305.09	3809862.20	0.00	0.00
DISCCART	370306.89	3809886.21	0.00	0.00
DISCCART	370308.69	3809910.22	0.00	0.00
DISCCART	370194.59	3809725.61	0.00	0.00
DISCCART	370196.39	3809749.62	0.00	0.00
DISCCART	370198.18	3809773.63	0.00	0.00
DISCCART	370199.98	3809797.64	0.00	0.00
DISCCART	370201.78	3809821.65	0.00	0.00
DISCCART	370203.58	3809845.66	0.00	0.00
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DISCCART	370207.17	3809893.67	0.00	0.00
DISCCART	370208.97	3809917.68	0.00	0.00
DISCCART	370094.87	3809733.08	0.00	0.00
DISCCART	370096.66	3809757.09	0.00	0.00
DISCCART	370098.46	3809781.10	0.00	0.00
DISCCART	370100.26	3809805.10	0.00	0.00
DISCCART	370102.06	3809829.11	0.00	0.00
DISCCART	370103.85	3809853.12	0.00	0.00
DISCCART	370105.65	3809877.13	0.00	0.00
DISCCART	370107.45	3809901.14	0.00	0.00
DISCCART	370109.25	3809925.15	0.00	0.00
DISCCART	369995.01	3809722.72	0.00	0.00
DISCCART	369996.94	3809764.55	0.00	0.00
DISCCART	369998.74	3809788.56	0.00	0.00
DISCCART	370000.54	3809812.57	0.00	0.00
DISCCART	370002.34	3809836.58	0.00	0.00
DISCCART	370004.13	3809860.59	0.00	0.00
DISCCART	370005.93	3809884.60	0.00	0.00
DISCCART	370007.73	3809908.61	0.00	0.00
DISCCART	370009.53	3809932.61	0.00	0.00
DISCCART	369895.25	3809725.73	0.00	0.00
DISCCART	369897.22	3809772.02	0.00	0.00
DISCCART	369899.02	3809796.03	0.00	0.00
DISCCART	369900.82	3809820.04	0.00	0.00
DISCCART	369902.62	3809844.04	0.00	0.00
DISCCART	369904.41	3809868.05	0.00	0.00
DISCCART	369906.21	3809892.06	0.00	0.00
DISCCART	369908.01	3809916.07	0.00	0.00
DISCCART	369909.81	3809940.08	0.00	0.00
DISCCART	369795.55	3809735.43	0.00	0.00
DISCCART	369797.50	3809779.48	0.00	0.00

DISCCART	369799.30	3809803.49	0.00	0.00
DISCCART	369801.10	3809827.50	0.00	0.00
DISCCART	369802.89	3809851.51	0.00	0.00
DISCCART	369804.69	3809875.52	0.00	0.00
DISCCART	369806.49	3809899.53	0.00	0.00
DISCCART	369808.29	3809923.54	0.00	0.00
DISCCART	369810.08	3809947.55	0.00	0.00
DISCCART	370404.61	3809927.46	0.00	0.00
DISCCART	370386.26	3809944.44	0.00	0.00
DISCCART	370422.82	3809955.55	0.00	0.00
DISCCART	370382.47	3809969.15	0.00	0.00
DISCCART	370346.78	3809938.57	0.00	0.00
DISCCART	370419.02	3809980.26	0.00	0.00
DISCCART	370373.82	3809991.28	0.00	0.00
DISCCART	370326.23	3809950.51	0.00	0.00
DISCCART	370415.22	3810004.97	0.00	0.00
DISCCART	370252.83	3810018.42	0.00	0.00
DISCCART	370235.28	3809978.13	0.00	0.00
DISCCART	370400.04	3810103.81	0.00	0.00
DISCCART	370343.45	3810188.96	0.00	0.00
DISCCART	370304.63	3810168.34	0.00	0.00
DISCCART	370265.82	3810147.72	0.00	0.00
DISCCART	370161.88	3810046.04	0.00	0.00
DISCCART	370144.34	3810005.74	0.00	0.00
DISCCART	370126.79	3809965.44	0.00	0.00
DISCCART	370384.85	3810202.65	0.00	0.00
DISCCART	370328.26	3810287.80	0.00	0.00
DISCCART	370289.45	3810267.18	0.00	0.00
DISCCART	370250.64	3810246.56	0.00	0.00
DISCCART	370211.82	3810225.94	0.00	0.00
DISCCART	370173.01	3810205.32	0.00	0.00
DISCCART	370062.16	3810053.50	0.00	0.00
DISCCART	370044.62	3810013.21	0.00	0.00
DISCCART	370027.07	3809972.91	0.00	0.00
DISCCART	370369.67	3810301.49	0.00	0.00
DISCCART	370313.08	3810386.64	0.00	0.00
DISCCART	370274.26	3810366.02	0.00	0.00
DISCCART	370235.45	3810345.40	0.00	0.00
DISCCART	370196.64	3810324.78	0.00	0.00
DISCCART	370157.83	3810304.16	0.00	0.00
DISCCART	370119.01	3810283.54	0.00	0.00
DISCCART	370080.20	3810262.92	0.00	0.00
DISCCART	370032.62	3810222.15	0.00	0.00
DISCCART	370015.07	3810181.86	0.00	0.00
DISCCART	369971.21	3810081.12	0.00	0.00
DISCCART	369953.67	3810040.82	0.00	0.00
DISCCART	369936.12	3810000.52	0.00	0.00
DISCCART	370354.48	3810400.33	0.00	0.00
DISCCART	370297.89	3810485.48	0.00	0.00
DISCCART	370259.08	3810464.86	0.00	0.00

DISCCART	370220.27	3810444.24	0.00	0.00
DISCCART	370181.45	3810423.62	0.00	0.00
DISCCART	370142.64	3810403.00	0.00	0.00
DISCCART	370103.83	3810382.38	0.00	0.00
DISCCART	370065.02	3810361.76	0.00	0.00
DISCCART	370026.20	3810341.14	0.00	0.00
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DISCCART	369959.21	3810290.06	0.00	0.00
DISCCART	369941.67	3810249.77	0.00	0.00
DISCCART	369924.12	3810209.47	0.00	0.00
DISCCART	369906.58	3810169.18	0.00	0.00
DISCCART	369845.17	3810028.14	0.00	0.00
DISCCART	369827.63	3809987.84	0.00	0.00
DISCCART	370339.30	3810499.17	0.00	0.00
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DISCCART	370233.63	3809870.41	0.00	0.00
DISCCART	370135.23	3809852.55	0.00	0.00
DISCCART	370036.84	3809834.69	0.00	0.00
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DISCCART	370358.30	3809959.89	0.00	0.00
DISCCART	370232.02	3809954.66	0.00	0.00
DISCCART	370231.13	3809921.84	0.00	0.00
DISCCART	370133.76	3809941.48	0.00	0.00
DISCCART	370132.81	3809906.33	0.00	0.00
DISCCART	370035.93	3809944.46	0.00	0.00
DISCCART	370034.94	3809908.00	0.00	0.00
DISCCART	370033.96	3809871.54	0.00	0.00
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DISCCART	369937.85	3809937.99	0.00	0.00
DISCCART	369936.92	3809903.81	0.00	0.00
DISCCART	369935.99	3809869.63	0.00	0.00
DISCCART	369840.48	3809958.22	0.00	0.00
DISCCART	369839.53	3809923.06	0.00	0.00
DISCCART	369838.58	3809887.90	0.00	0.00
DISCCART	369837.63	3809852.74	0.00	0.00
DISCCART	370451.81	3809966.65	0.00	0.00
DISCCART	370452.90	3809991.62	0.00	0.00
DISCCART	370434.53	3810017.45	0.00	0.00
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DISCCART	370343.23	3809979.84	0.00	0.00
DISCCART	370421.52	3810136.59	0.00	0.00
DISCCART	370384.60	3810125.10	0.00	0.00
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DISCCART	370459.45	3810141.48	0.00	0.00
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DISCCART	370285.74	3810192.90	0.00	0.00

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DISCCART	370463.81	3810241.38	0.00	0.00
DISCCART	370430.25	3810336.40	0.00	0.00
DISCCART	370393.33	3810324.91	0.00	0.00
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DISCCART	370227.16	3810273.23	0.00	0.00
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DISCCART	370468.18	3810341.29	0.00	0.00
DISCCART	370435.13	3810436.46	0.00	0.00
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DISCCART	370438.98	3810536.21	0.00	0.00
DISCCART	370402.05	3810524.72	0.00	0.00
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DISCCART	370198.96	3810461.55	0.00	0.00
DISCCART	370162.03	3810450.07	0.00	0.00
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DISCCART	369963.93	3810259.50	0.00	0.00
DISCCART	369942.77	3810227.13	0.00	0.00
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DISCCART	370476.90	3810541.10	0.00	0.00
DISCCART	370474.63	3809964.91	0.00	0.00
DISCCART	370476.55	3809989.83	0.00	0.00
DISCCART	370478.46	3810014.76	0.00	0.00
DISCCART	370488.04	3810139.39	0.00	0.00
DISCCART	370495.70	3810239.10	0.00	0.00
DISCCART	370503.36	3810338.80	0.00	0.00
DISCCART	370511.02	3810438.51	0.00	0.00
DISCCART	370518.68	3810538.22	0.00	0.00
DISCCART	370509.42	3809980.35	0.00	0.00
DISCCART	370549.44	3809984.71	0.00	0.00
DISCCART	370573.98	3809984.15	0.00	0.00
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DISCCART	370553.46	3810159.66	0.00	0.00

DISCCART	370577.99	3810159.10	0.00	0.00
DISCCART	370602.53	3810158.54	0.00	0.00
DISCCART	370531.22	3810260.20	0.00	0.00
DISCCART	370555.75	3810259.64	0.00	0.00
DISCCART	370580.29	3810259.07	0.00	0.00
DISCCART	370604.83	3810258.51	0.00	0.00
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DISCCART	370558.05	3810359.61	0.00	0.00
DISCCART	370582.58	3810359.05	0.00	0.00
DISCCART	370607.12	3810358.48	0.00	0.00
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DISCCART	370584.88	3810459.02	0.00	0.00
DISCCART	370609.42	3810458.46	0.00	0.00
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DISCCART	370562.64	3810559.56	0.00	0.00
DISCCART	370587.18	3810559.00	0.00	0.00
DISCCART	370611.71	3810558.43	0.00	0.00
DISCCART	370636.30	3810158.59	0.00	0.00
DISCCART	370636.30	3810258.59	0.00	0.00
DISCCART	370636.30	3810358.59	0.00	0.00
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DISCCART	370166.58	3809853.80	0.00	0.00
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DISCCART	370534.87	3809384.19	0.00	0.00
DISCCART	370447.55	3809499.67	0.00	0.00
DISCCART	370501.33	3809947.91	0.00	0.00
DISCCART	370438.06	3809603.68	0.00	0.00
DISCCART	370401.99	3809827.97	0.00	0.00
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DISCCART	370276.09	3809800.90	0.00	0.00
DISCCART	370135.93	3809827.51	0.00	0.00
DISCCART	370152.79	3809804.71	0.00	0.00
DISCCART	370169.65	3809781.91	0.00	0.00
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DISCCART	370187.22	3809607.03	0.00	0.00
DISCCART	369942.21	3809763.62	0.00	0.00

DISCCART	369959.07	3809740.82	0.00	0.00
DISCCART	370043.38	3809626.81	0.00	0.00
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DISCCART	370077.11	3809581.21	0.00	0.00
DISCCART	370093.97	3809558.40	0.00	0.00
DISCCART	370123.70	3809529.66	0.00	0.00
DISCCART	369928.28	3809788.56	0.00	0.00
DISCCART	370369.81	3810015.22	0.00	0.00
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DISCCART	370322.15	3810020.02	0.00	0.00
DISCCART	370319.65	3809995.14	0.00	0.00
DISCCART	370359.94	3809438.31	0.00	0.00
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DISCCART	370395.85	3809750.99	0.00	0.00
DISCCART	370467.00	3809564.08	0.00	0.00
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DISCCART	370274.23	3809929.95	0.00	0.00
DISCCART	370281.77	3809830.23	0.00	0.00
DISCCART	370266.89	3809728.82	0.00	0.00
DISCCART	370296.84	3809630.80	0.00	0.00
DISCCART	370229.12	3810008.08	0.00	0.00
DISCCART	370213.97	3809988.20	0.00	0.00
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DISCCART	370164.67	3809759.09	0.00	0.00
DISCCART	370226.00	3809740.93	0.00	0.00
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DISCCART	370148.62	3809666.35	0.00	0.00
DISCCART	369962.53	3809623.96	0.00	0.00
DISCCART	370005.12	3809611.35	0.00	0.00
DISCCART	370111.60	3809579.83	0.00	0.00
DISCCART	370175.49	3809560.92	0.00	0.00
DISCCART	370218.08	3809548.31	0.00	0.00
DISCCART	369901.07	3809544.67	0.00	0.00
DISCCART	369982.85	3809520.46	0.00	0.00
DISCCART	370023.73	3809508.36	0.00	0.00
DISCCART	370085.07	3809490.20	0.00	0.00
DISCCART	370125.95	3809478.10	0.00	0.00
DISCCART	369862.86	3809564.26	0.00	0.00
DISCCART	370199.04	3810010.39	0.00	0.00
DISCCART	370180.04	3809987.73	0.00	0.00
DISCCART	370173.34	3809938.18	0.00	0.00
DISCCART	370283.74	3809745.91	0.00	0.00
DISCCART	370146.56	3809739.98	0.00	0.00
DISCCART	370179.61	3809638.10	0.00	0.00
DISCCART	370152.83	3809439.90	0.00	0.00
DISCCART	370334.32	3809457.31	0.00	0.00

DISCCART	370379.69	3809461.66	0.00	0.00
DISCCART	370435.76	3809480.59	0.00	0.00
DISCCART	370170.12	3810018.60	0.00	0.00
DISCCART	370121.67	3809994.77	0.00	0.00
DISCCART	370105.06	3809976.08	0.00	0.00
DISCCART	370071.53	3809879.69	0.00	0.00
DISCCART	369972.17	3809826.61	0.00	0.00
DISCCART	369938.64	3809730.22	0.00	0.00
DISCCART	369974.01	3809713.97	0.00	0.00
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DISCCART	369772.85	3809602.41	0.00	0.00
DISCCART	370271.87	3809767.40	0.00	0.00
DISCCART	370314.34	3809567.93	0.00	0.00
DISCCART	370091.74	3810006.93	0.00	0.00
DISCCART	370100.58	3809953.84	0.00	0.00
DISCCART	370075.81	3809933.64	0.00	0.00
DISCCART	370052.79	3809733.98	0.00	0.00
DISCCART	370068.97	3809639.87	0.00	0.00
DISCCART	370010.31	3809538.54	0.00	0.00
DISCCART	370008.27	3809442.68	0.00	0.00
DISCCART	370046.67	3809446.39	0.00	0.00
DISCCART	370123.48	3809453.82	0.00	0.00
DISCCART	370076.31	3809987.26	0.00	0.00
DISCCART	370034.35	3810045.80	0.00	0.00
DISCCART	370065.94	3809965.21	0.00	0.00
DISCCART	370020.77	3810016.63	0.00	0.00
DISCCART	370007.20	3809987.47	0.00	0.00
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DISCCART	369775.14	3809809.42	0.00	0.00
DISCCART	369825.15	3809747.57	0.00	0.00
DISCCART	369868.15	3809708.19	0.00	0.00
DISCCART	369958.11	3809665.88	0.00	0.00
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DISCCART	369659.50	3809797.42	0.00	0.00
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DISCCART	369706.38	3809739.44	0.00	0.00
DISCCART	369729.83	3809710.45	0.00	0.00
DISCCART	369753.27	3809681.46	0.00	0.00

DISCCART	369776.71	3809652.47	0.00	0.00
DISCCART	369855.90	3809606.24	0.00	0.00
DISCCART	369889.64	3809590.37	0.00	0.00
DISCCART	369973.98	3809550.70	0.00	0.00
DISCCART	369638.90	3809830.10	0.00	0.00
DISCCART	369569.98	3809753.11	0.00	0.00
DISCCART	369594.09	3809723.30	0.00	0.00
DISCCART	369618.20	3809693.48	0.00	0.00
DISCCART	369642.32	3809663.66	0.00	0.00
DISCCART	369666.43	3809633.84	0.00	0.00
DISCCART	369690.54	3809604.02	0.00	0.00
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DISCCART	369744.05	3809551.14	0.00	0.00
DISCCART	369778.75	3809534.82	0.00	0.00
DISCCART	369813.45	3809518.49	0.00	0.00
DISCCART	369882.85	3809485.85	0.00	0.00
DISCCART	369917.55	3809469.53	0.00	0.00
DISCCART	369549.04	3809786.21	0.00	0.00
DISCCART	370070.79	3810030.88	0.00	0.00
DISCCART	370176.42	3809804.29	0.00	0.00
DISCCART	370010.76	3810053.84	0.00	0.00
DISCCART	369982.90	3809984.21	0.00	0.00
DISCCART	369976.57	3809793.17	0.00	0.00
DISCCART	370078.65	3809796.01	0.00	0.00
DISCCART	370129.69	3809797.42	0.00	0.00
DISCCART	369941.31	3809700.38	0.00	0.00
DISCCART	370011.88	3809702.34	0.00	0.00
DISCCART	370117.75	3809705.28	0.00	0.00
DISCCART	370153.04	3809706.26	0.00	0.00
DISCCART	370085.81	3809612.58	0.00	0.00
DISCCART	369884.65	3809515.18	0.00	0.00
DISCCART	370078.74	3809520.57	0.00	0.00
DISCCART	370184.60	3809523.52	0.00	0.00
DISCCART	369995.05	3810077.05	0.00	0.00
DISCCART	369949.35	3810063.04	0.00	0.00
DISCCART	369924.35	3810063.04	0.00	0.00
DISCCART	369960.07	3810002.60	0.00	0.00
DISCCART	369824.96	3810061.03	0.00	0.00
DISCCART	369849.52	3809980.95	0.00	0.00
DISCCART	369867.48	3809954.42	0.00	0.00
DISCCART	369820.05	3810095.66	0.00	0.00
DISCCART	369725.21	3810060.23	0.00	0.00
DISCCART	369735.52	3810026.60	0.00	0.00
DISCCART	369745.84	3809992.96	0.00	0.00
DISCCART	369756.15	3809959.33	0.00	0.00
DISCCART	369766.46	3809925.69	0.00	0.00
DISCCART	369867.51	3809831.63	0.00	0.00
DISCCART	369720.05	3810095.66	0.00	0.00
DISCCART	369625.34	3810059.80	0.00	0.00
DISCCART	369635.92	3810025.30	0.00	0.00

DISCCART	369646.50	3809990.81	0.00	0.00
DISCCART	369657.08	3809956.31	0.00	0.00
DISCCART	369667.65	3809921.81	0.00	0.00
DISCCART	369678.23	3809887.31	0.00	0.00
DISCCART	369702.86	3809841.50	0.00	0.00
DISCCART	369730.96	3809818.86	0.00	0.00
DISCCART	369773.11	3809784.90	0.00	0.00
DISCCART	369843.36	3809728.31	0.00	0.00
DISCCART	369620.05	3810095.66	0.00	0.00
DISCCART	369525.42	3810059.53	0.00	0.00
DISCCART	369536.17	3810024.50	0.00	0.00
DISCCART	369546.91	3809989.46	0.00	0.00
DISCCART	369557.65	3809954.42	0.00	0.00
DISCCART	369568.40	3809919.39	0.00	0.00
DISCCART	369579.14	3809884.35	0.00	0.00
DISCCART	369589.89	3809849.31	0.00	0.00
DISCCART	369600.63	3809814.28	0.00	0.00
DISCCART	369620.27	3809785.26	0.00	0.00
DISCCART	369648.81	3809762.27	0.00	0.00
DISCCART	369677.35	3809739.28	0.00	0.00
DISCCART	369705.89	3809716.29	0.00	0.00
DISCCART	369520.05	3810095.66	0.00	0.00
DISCCART	369425.48	3810059.35	0.00	0.00
DISCCART	369436.34	3810023.94	0.00	0.00
DISCCART	369447.19	3809988.54	0.00	0.00
DISCCART	369458.05	3809953.13	0.00	0.00
DISCCART	369468.91	3809917.73	0.00	0.00
DISCCART	369479.76	3809882.32	0.00	0.00
DISCCART	369490.62	3809846.91	0.00	0.00
DISCCART	369501.48	3809811.51	0.00	0.00
DISCCART	369512.34	3809776.10	0.00	0.00
DISCCART	369537.61	3809729.08	0.00	0.00
DISCCART	369566.45	3809705.85	0.00	0.00
DISCCART	369595.29	3809682.62	0.00	0.00
DISCCART	369420.05	3810095.66	0.00	0.00
DISCCART	369901.74	3810040.28	0.00	0.00
DISCCART	369880.48	3810031.82	0.00	0.00
DISCCART	369932.24	3810025.51	0.00	0.00
DISCCART	369910.99	3810017.05	0.00	0.00
DISCCART	369889.73	3810008.59	0.00	0.00
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DISCCART	369776.13	3809755.26	0.00	0.00
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DISCCART	369773.90	3809557.07	0.00	0.00
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DISCCART	370000.06	3809578.70	0.00	0.00
DISCCART	369755.38	3809458.85	0.00	0.00

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DISCCART	369802.35	3809983.40	0.00	0.00
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DISCCART	369752.57	3809872.46	0.00	0.00
DISCCART	369773.70	3809862.98	0.00	0.00
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DISCCART	369620.17	3809848.12	0.00	0.00
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DISCCART	369712.74	3809783.70	0.00	0.00
DISCCART	369733.87	3809774.22	0.00	0.00
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DISCCART	369614.39	3809507.96	0.00	0.00
DISCCART	369635.52	3809498.48	0.00	0.00
DISCCART	369656.65	3809488.99	0.00	0.00
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DISCCART	369354.84	3810226.12	0.00	0.00
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DISCCART	369268.86	3810089.38	0.00	0.00
DISCCART	369270.76	3810046.60	0.00	0.00
DISCCART	369272.66	3810003.82	0.00	0.00

DISCCART	369274.57	3809961.04	0.00	0.00
DISCCART	369276.47	3809918.26	0.00	0.00
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DISCCART	369267.92	3810302.19	0.00	0.00
DISCCART	369835.81	3810124.85	0.00	0.00
DISCCART	369855.27	3810137.12	0.00	0.00
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DISCCART	369841.93	3810158.26	0.00	0.00
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DISCCART	369762.91	3810159.53	0.00	0.00
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DISCCART	369549.19	3810347.35	0.00	0.00
DISCCART	369522.32	3810314.38	0.00	0.00
DISCCART	369495.46	3810281.40	0.00	0.00
DISCCART	369635.80	3810442.06	0.00	0.00
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DISCCART	369534.22	3810479.05	0.00	0.00
DISCCART	369519.83	3810461.38	0.00	0.00
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DISCCART	369419.10	3810337.73	0.00	0.00
DISCCART	369404.71	3810320.06	0.00	0.00
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DISCCART	369375.93	3810284.73	0.00	0.00
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DISCCART	369582.46	3810526.65	0.00	0.00
DISCCART	369601.92	3810538.92	0.00	0.00
DISCCART	369495.45	3810581.51	0.00	0.00
DISCCART	369481.23	3810564.05	0.00	0.00

DISCCART	369467.01	3810546.59	0.00	0.00
DISCCART	369438.56	3810511.68	0.00	0.00
DISCCART	369424.34	3810494.22	0.00	0.00
DISCCART	369410.12	3810476.77	0.00	0.00
DISCCART	369395.90	3810459.31	0.00	0.00
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DISCCART	369324.80	3810372.02	0.00	0.00
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DISCCART	369509.67	3810598.96	0.00	0.00
DISCCART	369529.13	3810611.23	0.00	0.00
DISCCART	369548.59	3810623.50	0.00	0.00
DISCCART	369674.57	3810067.46	0.00	0.00
DISCCART	369577.56	3810043.21	0.00	0.00
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DISCCART	369837.99	3810205.16	0.00	0.00
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DISCCART	369676.32	3810175.79	0.00	0.00
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DISCCART	369577.68	3810126.61	0.00	0.00
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DISCCART	369488.01	3810214.63	0.00	0.00
DISCCART	369485.88	3810182.13	0.00	0.00
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DISCCART	369481.63	3810117.13	0.00	0.00
DISCCART	369479.50	3810084.63	0.00	0.00
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DISCCART	369384.84	3810096.26	0.00	0.00
DISCCART	369381.51	3810045.48	0.00	0.00
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DISCCART	369298.59	3810236.67	0.00	0.00

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DISCCART	369294.24	3810170.19	0.00	0.00
DISCCART	369292.07	3810136.95	0.00	0.00
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DISCCART	369287.72	3810070.47	0.00	0.00
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DISCCART	369879.10	3810188.17	0.00	0.00
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DISCCART	369865.68	3810232.14	0.00	0.00
DISCCART	369921.41	3810332.08	0.00	0.00
DISCCART	369893.89	3810328.08	0.00	0.00
DISCCART	369866.37	3810324.08	0.00	0.00
DISCCART	369838.85	3810320.08	0.00	0.00
DISCCART	369811.34	3810316.08	0.00	0.00
DISCCART	369949.56	3810329.85	0.00	0.00
DISCCART	369948.81	3810427.90	0.00	0.00
DISCCART	369919.68	3810423.66	0.00	0.00
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DISCCART	369977.24	3810523.87	0.00	0.00
DISCCART	369948.52	3810519.69	0.00	0.00
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DISCCART	369891.09	3810511.35	0.00	0.00
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DISCCART	369690.08	3810482.14	0.00	0.00
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DISCCART	369916.61	3810606.90	0.00	0.00
DISCCART	369887.12	3810602.61	0.00	0.00
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DISCCART	369739.70	3810581.19	0.00	0.00
DISCCART	369710.21	3810576.91	0.00	0.00
DISCCART	369680.73	3810572.62	0.00	0.00

DISCCART	369651.24	3810568.34	0.00	0.00
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DISCCART	369916.90	3810698.78	0.00	0.00
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DISCCART	369800.34	3810681.84	0.00	0.00
DISCCART	369771.20	3810677.61	0.00	0.00
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DISCCART	369712.93	3810669.14	0.00	0.00
DISCCART	369683.79	3810664.91	0.00	0.00
DISCCART	369654.65	3810660.68	0.00	0.00
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DISCCART	369596.38	3810652.21	0.00	0.00
DISCCART	370062.40	3810713.60	0.00	0.00
DISCCART	369930.01	3810171.21	0.00	0.00
DISCCART	369915.70	3810246.99	0.00	0.00
DISCCART	369793.01	3810520.75	0.00	0.00
DISCCART	369735.76	3810604.68	0.00	0.00
DISCCART	369678.51	3810688.60	0.00	0.00
DISCCART	369711.22	3810703.26	0.00	0.00
DISCCART	369951.02	3810180.10	0.00	0.00
DISCCART	369974.71	3810185.52	0.00	0.00
DISCCART	370069.48	3810207.18	0.00	0.00
DISCCART	369969.14	3810209.89	0.00	0.00
DISCCART	369992.83	3810215.30	0.00	0.00
DISCCART	369987.26	3810239.68	0.00	0.00
DISCCART	370010.95	3810245.09	0.00	0.00
DISCCART	370034.64	3810250.51	0.00	0.00
DISCCART	370058.34	3810255.92	0.00	0.00
DISCCART	370005.38	3810269.46	0.00	0.00
DISCCART	370029.07	3810274.88	0.00	0.00
DISCCART	370052.76	3810280.30	0.00	0.00
DISCCART	369935.71	3810356.12	0.00	0.00
DISCCART	369959.40	3810361.53	0.00	0.00
DISCCART	369983.10	3810366.95	0.00	0.00
DISCCART	370006.79	3810372.36	0.00	0.00
DISCCART	369871.12	3810441.96	0.00	0.00
DISCCART	369913.43	3810453.60	0.00	0.00
DISCCART	369937.12	3810459.02	0.00	0.00
DISCCART	369960.81	3810464.43	0.00	0.00
DISCCART	369984.50	3810469.85	0.00	0.00
DISCCART	370008.19	3810475.27	0.00	0.00
DISCCART	369848.84	3810539.44	0.00	0.00
DISCCART	369891.14	3810551.09	0.00	0.00
DISCCART	369914.83	3810556.50	0.00	0.00

DISCCART	369938.53	3810561.92	0.00	0.00
DISCCART	369962.22	3810567.33	0.00	0.00
DISCCART	369985.91	3810572.75	0.00	0.00
DISCCART	369826.55	3810636.93	0.00	0.00
DISCCART	369789.33	3810624.47	0.00	0.00
DISCCART	369868.86	3810648.57	0.00	0.00
DISCCART	369892.55	3810653.99	0.00	0.00
DISCCART	369916.24	3810659.40	0.00	0.00
DISCCART	369939.93	3810664.82	0.00	0.00
DISCCART	369963.62	3810670.24	0.00	0.00
DISCCART	369800.55	3810733.17	0.00	0.00
DISCCART	369778.22	3810725.69	0.00	0.00
DISCCART	369755.88	3810718.22	0.00	0.00
DISCCART	369733.55	3810710.74	0.00	0.00
DISCCART	369822.88	3810740.64	0.00	0.00
DISCCART	369846.57	3810746.06	0.00	0.00
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DISCCART	369893.96	3810756.89	0.00	0.00
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DISCCART	369941.34	3810767.72	0.00	0.00
DISCCART	370097.17	3810203.36	0.00	0.00
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DISCCART	370119.30	3810223.91	0.00	0.00
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DISCCART	370136.55	3810373.87	0.00	0.00
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DISCCART	370058.58	3810475.21	0.00	0.00
DISCCART	370148.76	3810572.57	0.00	0.00
DISCCART	370116.19	3810572.61	0.00	0.00
DISCCART	370083.62	3810572.64	0.00	0.00
DISCCART	370051.05	3810572.68	0.00	0.00
DISCCART	370018.48	3810572.72	0.00	0.00
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DISCCART	370171.55	3810670.01	0.00	0.00
DISCCART	370139.56	3810670.04	0.00	0.00
DISCCART	370107.57	3810670.08	0.00	0.00
DISCCART	370075.58	3810670.11	0.00	0.00
DISCCART	370043.60	3810670.15	0.00	0.00
DISCCART	370011.61	3810670.18	0.00	0.00
DISCCART	370204.04	3810666.18	0.00	0.00
DISCCART	370193.25	3810767.45	0.00	0.00
DISCCART	370159.66	3810767.48	0.00	0.00
DISCCART	370126.07	3810767.52	0.00	0.00
DISCCART	370092.49	3810767.56	0.00	0.00
DISCCART	370058.90	3810767.59	0.00	0.00
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DISCCART	369889.95	3810626.19	0.00	0.00

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DISCCART	370144.46	3810239.54	0.00	0.00
DISCCART	370132.20	3810261.33	0.00	0.00
DISCCART	370171.58	3810285.28	0.00	0.00
DISCCART	370172.49	3810386.90	0.00	0.00
DISCCART	370174.25	3810482.36	0.00	0.00
DISCCART	370038.81	3810460.19	0.00	0.00
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DISCCART	370245.40	3810576.61	0.00	0.00
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DISCCART	369961.23	3810637.86	0.00	0.00
DISCCART	369925.59	3810632.02	0.00	0.00
DISCCART	370228.55	3810681.61	0.00	0.00
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DISCCART	370035.24	3810745.15	0.00	0.00
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DISCCART	369893.92	3810722.02	0.00	0.00
DISCCART	370247.23	3810779.85	0.00	0.00
DISCCART	370282.77	3810773.09	0.00	0.00
DISCCART	370197.71	3810206.90	0.00	0.00
DISCCART	370201.05	3810256.79	0.00	0.00
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DISCCART	370196.72	3810382.36	0.00	0.00
DISCCART	370210.76	3810782.32	0.00	0.00
DISCCART	370233.35	3810215.24	0.00	0.00
DISCCART	370261.27	3810183.94	0.00	0.00
DISCCART	370265.97	3810216.23	0.00	0.00
DISCCART	370284.63	3810232.88	0.00	0.00
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DISCCART	370295.24	3810545.64	0.00	0.00
DISCCART	370522.46	3810416.93	0.00	0.00
DISCCART	370551.29	3810523.53	0.00	0.00
DISCCART	370497.65	3810549.75	0.00	0.00
DISCCART	370461.89	3810567.23	0.00	0.00
DISCCART	370426.13	3810584.71	0.00	0.00

DISCCART	370390.37	3810602.19	0.00	0.00
DISCCART	370354.61	3810619.67	0.00	0.00
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DISCCART	370583.13	3810499.14	0.00	0.00
DISCCART	370625.26	3810590.42	0.00	0.00
DISCCART	370588.20	3810608.53	0.00	0.00
DISCCART	370551.14	3810626.65	0.00	0.00
DISCCART	370514.08	3810644.76	0.00	0.00
DISCCART	370477.02	3810662.87	0.00	0.00
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DISCCART	370402.91	3810699.10	0.00	0.00
DISCCART	370365.85	3810717.22	0.00	0.00
DISCCART	370328.79	3810735.33	0.00	0.00
DISCCART	370657.75	3810565.71	0.00	0.00
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DISCCART	370332.76	3810163.31	0.00	0.00
DISCCART	370365.16	3810167.10	0.00	0.00
DISCCART	370420.43	3810281.39	0.00	0.00
DISCCART	370471.57	3810364.41	0.00	0.00
DISCCART	370556.08	3810427.76	0.00	0.00
DISCCART	370487.89	3810467.95	0.00	0.00
DISCCART	370588.36	3810403.33	0.00	0.00
DISCCART	370624.37	3810500.68	0.00	0.00
DISCCART	370589.50	3810521.23	0.00	0.00
DISCCART	370502.32	3810572.61	0.00	0.00
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DISCCART	370692.78	3810573.52	0.00	0.00
DISCCART	370657.37	3810594.39	0.00	0.00
DISCCART	370621.96	3810615.26	0.00	0.00
DISCCART	370586.56	3810636.13	0.00	0.00
DISCCART	370551.15	3810656.99	0.00	0.00
DISCCART	370515.74	3810677.86	0.00	0.00
DISCCART	370725.72	3810548.70	0.00	0.00
DISCCART	370339.70	3810134.90	0.00	0.00
DISCCART	370363.06	3810132.36	0.00	0.00
DISCCART	370389.11	3810154.67	0.00	0.00
DISCCART	370391.81	3810179.53	0.00	0.00
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DISCCART	370417.86	3810201.84	0.00	0.00
DISCCART	370441.21	3810199.30	0.00	0.00

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DISCCART	370462.82	3810398.13	0.00	0.00
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DISCCART	370473.63	3810497.55	0.00	0.00
DISCCART	370484.43	3810596.96	0.00	0.00
DISCCART	370469.75	3810120.80	0.00	0.00
DISCCART	370475.10	3810170.51	0.00	0.00
DISCCART	370477.78	3810195.37	0.00	0.00
DISCCART	370488.48	3810294.79	0.00	0.00
DISCCART	370499.18	3810394.22	0.00	0.00
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DISCCART	370500.67	3810191.77	0.00	0.00
DISCCART	370526.05	3810192.62	0.00	0.00
DISCCART	370499.83	3810216.75	0.00	0.00
DISCCART	370525.21	3810217.60	0.00	0.00
DISCCART	370399.31	3810267.15	0.00	0.00
DISCCART	370377.72	3810256.14	0.00	0.00
DISCCART	370356.13	3810245.13	0.00	0.00
DISCCART	370496.49	3810316.70	0.00	0.00
DISCCART	370521.87	3810317.55	0.00	0.00
DISCCART	370482.34	3810411.14	0.00	0.00
DISCCART	370395.97	3810367.09	0.00	0.00
DISCCART	370374.37	3810356.08	0.00	0.00
DISCCART	370352.78	3810345.07	0.00	0.00
DISCCART	370277.20	3810306.53	0.00	0.00
DISCCART	370400.22	3810470.91	0.00	0.00
DISCCART	370377.82	3810459.49	0.00	0.00
DISCCART	370355.43	3810448.07	0.00	0.00
DISCCART	370299.44	3810419.53	0.00	0.00
DISCCART	370277.05	3810408.11	0.00	0.00
DISCCART	370489.79	3810516.59	0.00	0.00
DISCCART	370397.53	3810571.19	0.00	0.00
DISCCART	370375.30	3810559.86	0.00	0.00
DISCCART	370353.07	3810548.52	0.00	0.00
DISCCART	370308.61	3810525.85	0.00	0.00
DISCCART	370286.38	3810514.52	0.00	0.00
DISCCART	370253.04	3810497.52	0.00	0.00
DISCCART	370499.13	3810616.95	0.00	0.00
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DISCCART	370372.49	3810660.08	0.00	0.00
DISCCART	370350.37	3810648.80	0.00	0.00

DISCCART	370295.07	3810620.60	0.00	0.00
DISCCART	370272.95	3810609.32	0.00	0.00
DISCCART	370162.35	3810552.92	0.00	0.00
DISCCART	370140.23	3810541.64	0.00	0.00
DISCCART	370118.11	3810530.36	0.00	0.00
DISCCART	370095.99	3810519.08	0.00	0.00
DISCCART	370073.87	3810507.80	0.00	0.00
DISCCART	370495.79	3810716.90	0.00	0.00
DISCCART	370547.88	3810133.53	0.00	0.00
DISCCART	370567.34	3810109.84	0.00	0.00
DISCCART	370586.66	3810125.71	0.00	0.00
DISCCART	370548.33	3810188.20	0.00	0.00
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DISCCART	370554.92	3810211.72	0.00	0.00
DISCCART	370671.09	3810253.82	0.00	0.00
DISCCART	370635.03	3810281.46	0.00	0.00
DISCCART	370596.14	3810302.83	0.00	0.00
DISCCART	370566.43	3810308.72	0.00	0.00
DISCCART	370692.83	3810232.76	0.00	0.00
DISCCART	370748.36	3810317.30	0.00	0.00
DISCCART	370724.32	3810335.72	0.00	0.00
DISCCART	370700.28	3810354.15	0.00	0.00
DISCCART	370676.24	3810372.57	0.00	0.00
DISCCART	370637.35	3810393.94	0.00	0.00
DISCCART	370770.11	3810296.24	0.00	0.00
DISCCART	370825.63	3810380.77	0.00	0.00
DISCCART	370801.59	3810399.20	0.00	0.00
DISCCART	370777.55	3810417.62	0.00	0.00
DISCCART	370753.52	3810436.04	0.00	0.00
DISCCART	370729.48	3810454.47	0.00	0.00
DISCCART	370705.44	3810472.89	0.00	0.00
DISCCART	370678.57	3810485.05	0.00	0.00
DISCCART	370530.03	3810514.49	0.00	0.00
DISCCART	370847.38	3810359.71	0.00	0.00
DISCCART	370902.90	3810444.25	0.00	0.00
DISCCART	370878.86	3810462.67	0.00	0.00
DISCCART	370854.83	3810481.09	0.00	0.00
DISCCART	370830.79	3810499.52	0.00	0.00
DISCCART	370806.75	3810517.94	0.00	0.00
DISCCART	370782.71	3810536.37	0.00	0.00
DISCCART	370758.68	3810554.79	0.00	0.00
DISCCART	370719.78	3810576.16	0.00	0.00
DISCCART	370924.65	3810423.19	0.00	0.00
DISCCART	370980.17	3810507.72	0.00	0.00
DISCCART	370956.14	3810526.14	0.00	0.00
DISCCART	370932.10	3810544.57	0.00	0.00
DISCCART	370908.06	3810562.99	0.00	0.00
DISCCART	370884.02	3810581.42	0.00	0.00
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DISCCART	370835.95	3810618.27	0.00	0.00

DISCCART	370811.91	3810636.69	0.00	0.00
DISCCART	370787.87	3810655.12	0.00	0.00
DISCCART	370761.00	3810667.27	0.00	0.00
DISCCART	370731.29	3810673.16	0.00	0.00
DISCCART	370701.58	3810679.05	0.00	0.00
DISCCART	370671.87	3810684.94	0.00	0.00
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DISCCART	370612.46	3810696.71	0.00	0.00
DISCCART	370582.75	3810702.60	0.00	0.00
DISCCART	370538.19	3810711.44	0.00	0.00
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DISCCART	370557.68	3810593.88	0.00	0.00
DISCCART	370620.55	3810108.03	0.00	0.00
DISCCART	370657.78	3810091.96	0.00	0.00
DISCCART	370630.46	3810130.99	0.00	0.00
DISCCART	370667.69	3810114.91	0.00	0.00
DISCCART	370658.98	3810145.90	0.00	0.00
DISCCART	370696.21	3810129.83	0.00	0.00
DISCCART	370631.66	3810184.93	0.00	0.00
DISCCART	370668.89	3810168.85	0.00	0.00
DISCCART	370706.12	3810152.78	0.00	0.00
DISCCART	370671.30	3810276.74	0.00	0.00
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DISCCART	370745.76	3810244.59	0.00	0.00
DISCCART	370729.56	3810360.51	0.00	0.00
DISCCART	370766.79	3810344.43	0.00	0.00
DISCCART	370769.20	3810452.31	0.00	0.00
DISCCART	370806.43	3810436.24	0.00	0.00
DISCCART	370808.84	3810544.12	0.00	0.00
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DISCCART	370904.32	3810611.82	0.00	0.00
DISCCART	370683.34	3810079.43	0.00	0.00
DISCCART	370701.61	3810062.74	0.00	0.00
DISCCART	370719.87	3810046.06	0.00	0.00
DISCCART	370738.14	3810029.37	0.00	0.00
DISCCART	370756.41	3810012.68	0.00	0.00
DISCCART	370774.67	3809996.00	0.00	0.00
DISCCART	370700.20	3810097.89	0.00	0.00
DISCCART	370718.47	3810081.20	0.00	0.00
DISCCART	370736.73	3810064.51	0.00	0.00
DISCCART	370755.00	3810047.83	0.00	0.00
DISCCART	370773.27	3810031.14	0.00	0.00
DISCCART	370791.53	3810014.46	0.00	0.00
DISCCART	370717.06	3810116.34	0.00	0.00
DISCCART	370735.33	3810099.66	0.00	0.00
DISCCART	370753.60	3810082.97	0.00	0.00
DISCCART	370771.86	3810066.29	0.00	0.00

DISCCART	370790.13	3810049.60	0.00	0.00
DISCCART	370808.39	3810032.91	0.00	0.00
DISCCART	370733.93	3810134.80	0.00	0.00
DISCCART	370752.19	3810118.12	0.00	0.00
DISCCART	370770.46	3810101.43	0.00	0.00
DISCCART	370788.72	3810084.74	0.00	0.00
DISCCART	370806.99	3810068.06	0.00	0.00
DISCCART	370825.26	3810051.37	0.00	0.00
DISCCART	370782.83	3810220.62	0.00	0.00
DISCCART	370819.64	3810191.95	0.00	0.00
DISCCART	370837.90	3810175.26	0.00	0.00
DISCCART	370856.17	3810158.58	0.00	0.00
DISCCART	370874.43	3810141.89	0.00	0.00
DISCCART	370892.70	3810125.20	0.00	0.00
DISCCART	370852.13	3810293.25	0.00	0.00
DISCCART	370818.77	3810314.82	0.00	0.00
DISCCART	370887.08	3810265.78	0.00	0.00
DISCCART	370905.35	3810249.09	0.00	0.00
DISCCART	370923.61	3810232.41	0.00	0.00
DISCCART	370941.88	3810215.72	0.00	0.00
DISCCART	370960.15	3810199.04	0.00	0.00
DISCCART	370917.72	3810368.28	0.00	0.00
DISCCART	370880.65	3810392.25	0.00	0.00
DISCCART	370843.58	3810416.22	0.00	0.00
DISCCART	370954.53	3810339.61	0.00	0.00
DISCCART	370972.79	3810322.92	0.00	0.00
DISCCART	370991.06	3810306.24	0.00	0.00
DISCCART	371009.33	3810289.55	0.00	0.00
DISCCART	371027.59	3810272.87	0.00	0.00
DISCCART	370983.85	3810442.97	0.00	0.00
DISCCART	370963.99	3810455.81	0.00	0.00
DISCCART	370944.12	3810468.65	0.00	0.00
DISCCART	370924.26	3810481.49	0.00	0.00
DISCCART	370904.40	3810494.33	0.00	0.00
DISCCART	370884.54	3810507.17	0.00	0.00
DISCCART	371003.71	3810430.13	0.00	0.00
DISCCART	371021.97	3810413.44	0.00	0.00
DISCCART	371040.24	3810396.76	0.00	0.00
DISCCART	371058.50	3810380.07	0.00	0.00
DISCCART	371076.77	3810363.38	0.00	0.00
DISCCART	371095.04	3810346.70	0.00	0.00
DISCCART	371052.62	3810515.94	0.00	0.00
DISCCART	371015.54	3810539.91	0.00	0.00
DISCCART	370978.47	3810563.88	0.00	0.00
DISCCART	370941.40	3810587.85	0.00	0.00
DISCCART	371089.42	3810487.27	0.00	0.00
DISCCART	371107.68	3810470.59	0.00	0.00
DISCCART	371125.95	3810453.90	0.00	0.00
DISCCART	371144.22	3810437.22	0.00	0.00
DISCCART	371162.48	3810420.53	0.00	0.00

DISCCART	370823.63	3810014.70	0.00	0.00
DISCCART	370847.04	3810018.89	0.00	0.00
DISCCART	370870.44	3810023.07	0.00	0.00
DISCCART	370893.85	3810027.26	0.00	0.00
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DISCCART	370940.66	3810035.63	0.00	0.00
DISCCART	370964.07	3810039.81	0.00	0.00
DISCCART	370987.47	3810044.00	0.00	0.00
DISCCART	371010.88	3810048.18	0.00	0.00
DISCCART	370866.04	3810047.68	0.00	0.00
DISCCART	370889.45	3810051.87	0.00	0.00
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DISCCART	370936.26	3810060.24	0.00	0.00
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DISCCART	370955.27	3810089.03	0.00	0.00
DISCCART	370978.67	3810093.21	0.00	0.00
DISCCART	371002.08	3810097.40	0.00	0.00
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DISCCART	370974.27	3810117.82	0.00	0.00
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DISCCART	370746.02	3810178.60	0.00	0.00
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DISCCART	370740.04	3810482.29	0.00	0.00

DISCCART	370763.44	3810486.47	0.00	0.00
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DISCCART	370927.29	3810515.77	0.00	0.00
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DISCCART	370769.25	3810589.10	0.00	0.00
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DISCCART	371095.51	3810086.05	0.00	0.00
DISCCART	371119.96	3810087.78	0.00	0.00
DISCCART	371144.42	3810089.51	0.00	0.00
DISCCART	371044.84	3810107.53	0.00	0.00
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DISCCART	371118.20	3810112.72	0.00	0.00
DISCCART	371142.66	3810114.45	0.00	0.00
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DISCCART	371043.08	3810132.47	0.00	0.00
DISCCART	371067.53	3810134.20	0.00	0.00
DISCCART	371091.99	3810135.93	0.00	0.00
DISCCART	371116.44	3810137.66	0.00	0.00
DISCCART	371140.89	3810139.38	0.00	0.00
DISCCART	370997.98	3810148.13	0.00	0.00
DISCCART	371041.32	3810157.41	0.00	0.00
DISCCART	371065.77	3810159.14	0.00	0.00
DISCCART	371090.22	3810160.87	0.00	0.00
DISCCART	371114.68	3810162.59	0.00	0.00
DISCCART	371139.13	3810164.32	0.00	0.00
DISCCART	370987.16	3810246.37	0.00	0.00
DISCCART	370964.51	3810237.31	0.00	0.00
DISCCART	370843.84	3810128.00	0.00	0.00
DISCCART	371009.81	3810255.43	0.00	0.00
DISCCART	371058.72	3810258.89	0.00	0.00
DISCCART	371083.17	3810260.62	0.00	0.00
DISCCART	371107.63	3810262.34	0.00	0.00
DISCCART	371132.08	3810264.07	0.00	0.00
DISCCART	370981.53	3810346.69	0.00	0.00
DISCCART	370820.51	3810267.98	0.00	0.00
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DISCCART	370950.41	3810436.82	0.00	0.00
DISCCART	370729.65	3810302.74	0.00	0.00
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DISCCART	371020.17	3810456.66	0.00	0.00
DISCCART	371044.62	3810458.39	0.00	0.00
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DISCCART	370692.83	3810421.69	0.00	0.00

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DISCCART	371062.03	3810559.87	0.00	0.00
DISCCART	371086.48	3810561.60	0.00	0.00
DISCCART	371110.94	3810563.33	0.00	0.00
DISCCART	370958.96	3810645.38	0.00	0.00
DISCCART	370936.31	3810636.32	0.00	0.00
DISCCART	370687.13	3810536.66	0.00	0.00
DISCCART	370664.47	3810527.60	0.00	0.00
DISCCART	370589.11	3810436.41	0.00	0.00
DISCCART	370483.70	3810272.14	0.00	0.00
DISCCART	370981.62	3810654.44	0.00	0.00
DISCCART	371006.07	3810656.17	0.00	0.00
DISCCART	371030.53	3810657.89	0.00	0.00
DISCCART	371054.98	3810659.62	0.00	0.00
DISCCART	371079.43	3810661.35	0.00	0.00
DISCCART	371103.89	3810663.08	0.00	0.00
DISCCART	371167.52	3810080.61	0.00	0.00
DISCCART	371165.45	3810108.66	0.00	0.00
DISCCART	371178.88	3810129.75	0.00	0.00
DISCCART	371191.23	3810151.11	0.00	0.00
DISCCART	371165.18	3810157.71	0.00	0.00
DISCCART	371244.97	3810235.44	0.00	0.00
DISCCART	371218.92	3810242.05	0.00	0.00
DISCCART	371192.87	3810248.66	0.00	0.00
DISCCART	371166.82	3810255.26	0.00	0.00
DISCCART	371298.70	3810319.78	0.00	0.00
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DISCCART	371246.60	3810332.99	0.00	0.00
DISCCART	371220.55	3810339.60	0.00	0.00
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DISCCART	371168.45	3810352.81	0.00	0.00
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DISCCART	371325.10	3810411.05	0.00	0.00
DISCCART	371298.09	3810417.90	0.00	0.00
DISCCART	371271.07	3810424.75	0.00	0.00
DISCCART	371244.06	3810431.60	0.00	0.00
DISCCART	371217.04	3810438.45	0.00	0.00
DISCCART	371190.03	3810445.30	0.00	0.00
DISCCART	371163.01	3810452.16	0.00	0.00
DISCCART	371405.92	3810488.51	0.00	0.00
DISCCART	371379.10	3810495.32	0.00	0.00
DISCCART	371352.29	3810502.12	0.00	0.00
DISCCART	371325.47	3810508.92	0.00	0.00
DISCCART	371298.65	3810515.72	0.00	0.00
DISCCART	371271.84	3810522.52	0.00	0.00
DISCCART	371245.02	3810529.32	0.00	0.00
DISCCART	371218.20	3810536.12	0.00	0.00
DISCCART	371191.39	3810542.92	0.00	0.00

DISCCART	371164.57	3810549.72	0.00	0.00
DISCCART	371137.75	3810556.53	0.00	0.00
DISCCART	371459.70	3810572.84	0.00	0.00
DISCCART	371433.01	3810579.61	0.00	0.00
DISCCART	371406.33	3810586.37	0.00	0.00
DISCCART	371379.64	3810593.14	0.00	0.00
DISCCART	371352.96	3810599.91	0.00	0.00
DISCCART	371326.27	3810606.68	0.00	0.00
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DISCCART	371272.90	3810620.21	0.00	0.00
DISCCART	371246.21	3810626.98	0.00	0.00
DISCCART	371219.53	3810633.75	0.00	0.00
DISCCART	371192.84	3810640.52	0.00	0.00
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DISCCART	371139.47	3810654.05	0.00	0.00
DISCCART	371179.09	3810059.53	0.00	0.00
DISCCART	371201.01	3810071.55	0.00	0.00
DISCCART	371189.44	3810092.64	0.00	0.00
DISCCART	371204.09	3810042.27	0.00	0.00
DISCCART	371226.01	3810071.55	0.00	0.00
DISCCART	371211.36	3810104.66	0.00	0.00
DISCCART	371229.09	3810042.27	0.00	0.00
DISCCART	371249.98	3810075.56	0.00	0.00
DISCCART	371230.45	3810119.71	0.00	0.00
DISCCART	371254.09	3810042.27	0.00	0.00
DISCCART	371349.98	3810075.56	0.00	0.00
DISCCART	371341.76	3810107.63	0.00	0.00
DISCCART	371333.55	3810139.69	0.00	0.00
DISCCART	371318.13	3810167.80	0.00	0.00
DISCCART	371295.50	3810191.96	0.00	0.00
DISCCART	371272.87	3810216.12	0.00	0.00
DISCCART	371354.09	3810042.27	0.00	0.00
DISCCART	371449.98	3810075.56	0.00	0.00
DISCCART	371441.76	3810107.63	0.00	0.00
DISCCART	371433.55	3810139.69	0.00	0.00
DISCCART	371425.33	3810171.75	0.00	0.00
DISCCART	371405.80	3810215.90	0.00	0.00
DISCCART	371383.17	3810240.06	0.00	0.00
DISCCART	371360.55	3810264.22	0.00	0.00
DISCCART	371337.92	3810288.38	0.00	0.00
DISCCART	371454.09	3810042.27	0.00	0.00
DISCCART	371549.98	3810075.56	0.00	0.00
DISCCART	371541.76	3810107.63	0.00	0.00
DISCCART	371533.55	3810139.69	0.00	0.00
DISCCART	371525.33	3810171.75	0.00	0.00
DISCCART	371517.11	3810203.82	0.00	0.00
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DISCCART	371448.22	3810312.31	0.00	0.00

DISCCART	371425.60	3810336.47	0.00	0.00
DISCCART	371402.97	3810360.63	0.00	0.00
DISCCART	371380.35	3810384.79	0.00	0.00
DISCCART	371554.09	3810042.27	0.00	0.00
DISCCART	371649.98	3810075.56	0.00	0.00
DISCCART	371641.76	3810107.63	0.00	0.00
DISCCART	371633.55	3810139.69	0.00	0.00
DISCCART	371625.33	3810171.75	0.00	0.00
DISCCART	371617.11	3810203.82	0.00	0.00
DISCCART	371608.90	3810235.88	0.00	0.00
DISCCART	371600.68	3810267.95	0.00	0.00
DISCCART	371581.15	3810312.09	0.00	0.00
DISCCART	371558.52	3810336.25	0.00	0.00
DISCCART	371535.90	3810360.41	0.00	0.00
DISCCART	371513.27	3810384.57	0.00	0.00
DISCCART	371490.65	3810408.73	0.00	0.00
DISCCART	371468.02	3810432.89	0.00	0.00
DISCCART	371445.39	3810457.05	0.00	0.00
DISCCART	371654.09	3810042.27	0.00	0.00
DISCCART	371749.98	3810075.56	0.00	0.00
DISCCART	371741.76	3810107.63	0.00	0.00
DISCCART	371733.55	3810139.69	0.00	0.00
DISCCART	371725.33	3810171.75	0.00	0.00
DISCCART	371717.11	3810203.82	0.00	0.00
DISCCART	371708.90	3810235.88	0.00	0.00
DISCCART	371700.68	3810267.95	0.00	0.00
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DISCCART	371684.24	3810332.07	0.00	0.00
DISCCART	371668.82	3810360.18	0.00	0.00
DISCCART	371646.20	3810384.34	0.00	0.00
DISCCART	371623.57	3810408.50	0.00	0.00
DISCCART	371600.95	3810432.66	0.00	0.00
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DISCCART	371533.07	3810505.14	0.00	0.00
DISCCART	371510.44	3810529.30	0.00	0.00
DISCCART	371487.82	3810553.46	0.00	0.00
DISCCART	371754.09	3810042.27	0.00	0.00
DISCCART	371146.62	3810066.13	0.00	0.00
DISCCART	371094.34	3810233.14	0.00	0.00
DISCCART	371064.47	3810328.57	0.00	0.00
DISCCART	371046.09	3810427.60	0.00	0.00
DISCCART	371004.72	3810519.44	0.00	0.00
DISCCART	370974.84	3810614.87	0.00	0.00
DISCCART	371119.52	3810240.49	0.00	0.00
DISCCART	371073.44	3810435.11	0.00	0.00
DISCCART	371100.77	3810441.58	0.00	0.00
DISCCART	371064.07	3810535.66	0.00	0.00
DISCCART	371017.11	3810626.92	0.00	0.00
DISCCART	371041.03	3810632.97	0.00	0.00

DISCCART	371219.95	3810008.48	0.00	0.00
DISCCART	371220.98	3809985.98	0.00	0.00
DISCCART	371222.00	3809963.48	0.00	0.00
DISCCART	371223.03	3809940.98	0.00	0.00
DISCCART	371224.06	3809918.48	0.00	0.00
DISCCART	371225.08	3809895.98	0.00	0.00
DISCCART	371244.92	3810009.62	0.00	0.00
DISCCART	371245.95	3809987.12	0.00	0.00
DISCCART	371246.98	3809964.62	0.00	0.00
DISCCART	371248.00	3809942.12	0.00	0.00
DISCCART	371249.03	3809919.62	0.00	0.00
DISCCART	371250.06	3809897.12	0.00	0.00
DISCCART	371269.90	3810010.76	0.00	0.00
DISCCART	371270.92	3809988.26	0.00	0.00
DISCCART	371271.95	3809965.76	0.00	0.00
DISCCART	371272.98	3809943.26	0.00	0.00
DISCCART	371274.00	3809920.76	0.00	0.00
DISCCART	371275.03	3809898.26	0.00	0.00
DISCCART	371282.90	3810075.72	0.00	0.00
DISCCART	371263.07	3810113.35	0.00	0.00
DISCCART	371211.52	3810140.91	0.00	0.00
DISCCART	371293.84	3810034.40	0.00	0.00
DISCCART	371294.87	3810011.90	0.00	0.00
DISCCART	371295.90	3809989.40	0.00	0.00
DISCCART	371296.92	3809966.90	0.00	0.00
DISCCART	371297.95	3809944.40	0.00	0.00
DISCCART	371298.98	3809921.90	0.00	0.00
DISCCART	371300.01	3809899.40	0.00	0.00
DISCCART	371382.80	3810080.28	0.00	0.00
DISCCART	371362.96	3810117.91	0.00	0.00
DISCCART	371323.29	3810193.18	0.00	0.00
DISCCART	371393.74	3810038.96	0.00	0.00
DISCCART	371394.77	3810016.46	0.00	0.00
DISCCART	371395.79	3809993.96	0.00	0.00
DISCCART	371396.82	3809971.46	0.00	0.00
DISCCART	371397.85	3809948.96	0.00	0.00
DISCCART	371398.87	3809926.46	0.00	0.00
DISCCART	371399.90	3809903.96	0.00	0.00
DISCCART	371482.69	3810084.84	0.00	0.00
DISCCART	371462.86	3810122.47	0.00	0.00
DISCCART	371423.19	3810197.74	0.00	0.00
DISCCART	371383.52	3810273.01	0.00	0.00
DISCCART	371144.63	3810339.90	0.00	0.00
DISCCART	371493.64	3810043.52	0.00	0.00
DISCCART	371494.66	3810021.02	0.00	0.00
DISCCART	371495.69	3809998.52	0.00	0.00
DISCCART	371496.72	3809976.02	0.00	0.00
DISCCART	371497.74	3809953.52	0.00	0.00
DISCCART	371498.77	3809931.02	0.00	0.00
DISCCART	371499.80	3809908.52	0.00	0.00

DISCCART	371582.59	3810089.40	0.00	0.00
DISCCART	371562.75	3810127.03	0.00	0.00
DISCCART	371443.75	3810352.84	0.00	0.00
DISCCART	371225.67	3810415.36	0.00	0.00
DISCCART	371593.53	3810048.08	0.00	0.00
DISCCART	371594.56	3810025.58	0.00	0.00
DISCCART	371595.59	3810003.08	0.00	0.00
DISCCART	371596.61	3809980.58	0.00	0.00
DISCCART	371597.64	3809958.08	0.00	0.00
DISCCART	371598.67	3809935.58	0.00	0.00
DISCCART	371599.69	3809913.08	0.00	0.00
DISCCART	371681.96	3810094.95	0.00	0.00
DISCCART	371661.08	3810134.56	0.00	0.00
DISCCART	371514.94	3810411.87	0.00	0.00
DISCCART	371504.50	3810431.67	0.00	0.00
DISCCART	371472.15	3810456.08	0.00	0.00
DISCCART	371362.59	3810479.08	0.00	0.00
DISCCART	371296.85	3810492.89	0.00	0.00
DISCCART	371253.03	3810502.09	0.00	0.00
DISCCART	371209.21	3810511.29	0.00	0.00
DISCCART	371165.38	3810520.49	0.00	0.00
DISCCART	371121.56	3810529.69	0.00	0.00
DISCCART	371693.43	3810052.64	0.00	0.00
DISCCART	371694.45	3810030.14	0.00	0.00
DISCCART	371695.48	3810007.64	0.00	0.00
DISCCART	371696.51	3809985.14	0.00	0.00
DISCCART	371697.54	3809962.64	0.00	0.00
DISCCART	371698.56	3809940.14	0.00	0.00
DISCCART	371699.59	3809917.64	0.00	0.00
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DISCCART	371668.12	3810315.32	0.00	0.00
DISCCART	371564.64	3810511.67	0.00	0.00
DISCCART	371532.57	3810535.87	0.00	0.00
DISCCART	371445.68	3810554.11	0.00	0.00
DISCCART	371402.24	3810563.23	0.00	0.00
DISCCART	371358.80	3810572.35	0.00	0.00
DISCCART	371315.36	3810581.48	0.00	0.00
DISCCART	371271.91	3810590.60	0.00	0.00
DISCCART	371228.47	3810599.72	0.00	0.00
DISCCART	371185.03	3810608.84	0.00	0.00
DISCCART	371141.58	3810617.96	0.00	0.00
DISCCART	371098.14	3810627.08	0.00	0.00
DISCCART	371793.32	3810057.20	0.00	0.00
DISCCART	371794.35	3810034.70	0.00	0.00
DISCCART	371795.38	3810012.20	0.00	0.00
DISCCART	371796.40	3809989.70	0.00	0.00
DISCCART	371797.43	3809967.20	0.00	0.00
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DISCCART	371799.49	3809922.20	0.00	0.00

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DISCCART	371267.21	3809866.99	0.00	0.00
DISCCART	371257.78	3809845.06	0.00	0.00
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DISCCART	371279.28	3809832.30	0.00	0.00
DISCCART	371375.20	3809805.13	0.00	0.00
DISCCART	371381.37	3809829.84	0.00	0.00
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DISCCART	371393.73	3809879.25	0.00	0.00
DISCCART	371365.28	3809781.27	0.00	0.00
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DISCCART	371493.38	3809882.86	0.00	0.00
DISCCART	371451.28	3809730.24	0.00	0.00
DISCCART	371547.19	3809703.07	0.00	0.00
DISCCART	371553.37	3809727.78	0.00	0.00
DISCCART	371559.55	3809752.48	0.00	0.00
DISCCART	371565.72	3809777.19	0.00	0.00
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DISCCART	371410.26	3809742.67	0.00	0.00
DISCCART	371476.46	3809936.74	0.00	0.00
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DISCCART	371443.32	3810019.66	0.00	0.00
DISCCART	371504.06	3809801.31	0.00	0.00
DISCCART	371506.82	3809777.81	0.00	0.00
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DISCCART	371532.20	3810057.41	0.00	0.00
DISCCART	371523.61	3810078.91	0.00	0.00
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DISCCART	371606.14	3809789.47	0.00	0.00
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DISCCART	371683.27	3810199.72	0.00	0.00
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DISCCART	371233.69	3809567.51	0.00	0.00
DISCCART	371266.56	3809693.97	0.00	0.00
DISCCART	371263.92	3809651.30	0.00	0.00
DISCCART	371261.28	3809608.63	0.00	0.00
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DISCCART	371312.51	3809626.88	0.00	0.00
DISCCART	371309.87	3809584.21	0.00	0.00
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DISCCART	371412.32	3809620.70	0.00	0.00
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DISCCART	371614.38	3809691.17	0.00	0.00
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DISCCART	371807.01	3809765.83	0.00	0.00
DISCCART	371814.19	3809638.67	0.00	0.00
DISCCART	371811.55	3809596.00	0.00	0.00
DISCCART	371808.91	3809553.33	0.00	0.00
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DISCCART	371200.28	3809503.49	0.00	0.00

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DISCCART	371232.09	3809508.89	0.00	0.00
DISCCART	371273.97	3809532.04	0.00	0.00
DISCCART	371253.84	3809496.56	0.00	0.00
DISCCART	371299.99	3809534.09	0.00	0.00
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DISCCART	371265.51	3809466.48	0.00	0.00
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DISCCART	371497.16	3809513.51	0.00	0.00
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DISCCART	371439.46	3809367.77	0.00	0.00
DISCCART	371562.34	3809390.83	0.00	0.00
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DISCCART	371596.57	3809505.97	0.00	0.00
DISCCART	371546.56	3809353.90	0.00	0.00
DISCCART	371526.43	3809318.42	0.00	0.00
DISCCART	371648.95	3809340.27	0.00	0.00
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DISCCART	371670.35	3809412.24	0.00	0.00
DISCCART	371681.04	3809448.22	0.00	0.00
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DISCCART	371736.08	3809291.44	0.00	0.00
DISCCART	371747.08	3809328.45	0.00	0.00
DISCCART	371758.08	3809365.46	0.00	0.00
DISCCART	371769.09	3809402.46	0.00	0.00
DISCCART	371780.09	3809439.47	0.00	0.00
DISCCART	371791.09	3809476.48	0.00	0.00
DISCCART	371802.09	3809513.49	0.00	0.00
DISCCART	371720.51	3809255.19	0.00	0.00
DISCCART	371700.38	3809219.71	0.00	0.00
DISCCART	371213.90	3809479.62	0.00	0.00
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DISCCART	371468.70	3809592.05	0.00	0.00
DISCCART	371479.88	3809549.49	0.00	0.00
DISCCART	371565.41	3809617.46	0.00	0.00
DISCCART	371576.59	3809574.90	0.00	0.00
DISCCART	371662.13	3809642.86	0.00	0.00
DISCCART	371673.31	3809600.30	0.00	0.00
DISCCART	371758.85	3809668.27	0.00	0.00
DISCCART	371770.03	3809625.71	0.00	0.00
DISCCART	371231.90	3809459.40	0.00	0.00
DISCCART	371348.34	3809595.09	0.00	0.00

DISCCART	371438.82	3809641.46	0.00	0.00
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DISCCART	371264.74	3809432.67	0.00	0.00
DISCCART	371271.50	3809392.92	0.00	0.00
DISCCART	371286.01	3809456.74	0.00	0.00
DISCCART	371292.76	3809416.99	0.00	0.00
DISCCART	371299.52	3809377.24	0.00	0.00
DISCCART	371304.23	3809475.64	0.00	0.00
DISCCART	371314.03	3809441.05	0.00	0.00
DISCCART	371320.79	3809401.30	0.00	0.00
DISCCART	371409.24	3809477.68	0.00	0.00
DISCCART	371416.00	3809437.93	0.00	0.00
DISCCART	371422.75	3809398.18	0.00	0.00
DISCCART	371511.21	3809474.56	0.00	0.00
DISCCART	371517.96	3809434.81	0.00	0.00
DISCCART	371598.70	3809528.85	0.00	0.00
DISCCART	371544.72	3809652.49	0.00	0.00
DISCCART	371613.17	3809471.43	0.00	0.00
DISCCART	371619.93	3809431.68	0.00	0.00
DISCCART	371688.94	3809564.74	0.00	0.00
DISCCART	371708.38	3809508.06	0.00	0.00
DISCCART	371715.14	3809468.31	0.00	0.00
DISCCART	371788.17	3809580.02	0.00	0.00
DISCCART	371813.72	3809485.07	0.00	0.00
DISCCART	371225.14	3809339.67	0.00	0.00
DISCCART	371181.23	3809340.45	0.00	0.00
DISCCART	371137.32	3809341.23	0.00	0.00
DISCCART	371244.09	3809323.38	0.00	0.00
DISCCART	371269.18	3809352.56	0.00	0.00
DISCCART	371202.74	3809315.07	0.00	0.00
DISCCART	371158.83	3809315.85	0.00	0.00
DISCCART	371243.65	3809298.38	0.00	0.00
DISCCART	371288.14	3809336.26	0.00	0.00
DISCCART	371202.29	3809290.07	0.00	0.00
DISCCART	371158.38	3809290.85	0.00	0.00
DISCCART	371243.21	3809273.38	0.00	0.00
DISCCART	371282.01	3809290.78	0.00	0.00
DISCCART	371307.10	3809319.96	0.00	0.00
DISCCART	371318.48	3809360.94	0.00	0.00
DISCCART	371201.85	3809265.08	0.00	0.00
DISCCART	371157.94	3809265.86	0.00	0.00
DISCCART	371241.43	3809173.40	0.00	0.00
DISCCART	371280.23	3809190.80	0.00	0.00
DISCCART	371319.03	3809208.19	0.00	0.00
DISCCART	371357.84	3809225.59	0.00	0.00
DISCCART	371382.93	3809254.77	0.00	0.00
DISCCART	371394.31	3809295.75	0.00	0.00
DISCCART	371405.68	3809336.72	0.00	0.00
DISCCART	371200.07	3809165.09	0.00	0.00

DISCCART	371156.16	3809165.87	0.00	0.00
DISCCART	371239.65	3809073.42	0.00	0.00
DISCCART	371278.46	3809090.81	0.00	0.00
DISCCART	371317.26	3809108.21	0.00	0.00
DISCCART	371356.06	3809125.60	0.00	0.00
DISCCART	371394.86	3809143.00	0.00	0.00
DISCCART	371433.66	3809160.40	0.00	0.00
DISCCART	371458.76	3809189.58	0.00	0.00
DISCCART	371470.13	3809230.55	0.00	0.00
DISCCART	371481.51	3809271.53	0.00	0.00
DISCCART	371492.89	3809312.50	0.00	0.00
DISCCART	371504.27	3809353.47	0.00	0.00
DISCCART	371515.65	3809394.44	0.00	0.00
DISCCART	371198.30	3809065.11	0.00	0.00
DISCCART	371154.39	3809065.89	0.00	0.00
DISCCART	371237.88	3808973.43	0.00	0.00
DISCCART	371276.68	3808990.83	0.00	0.00
DISCCART	371315.48	3809008.22	0.00	0.00
DISCCART	371354.28	3809025.62	0.00	0.00
DISCCART	371393.09	3809043.02	0.00	0.00
DISCCART	371431.89	3809060.41	0.00	0.00
DISCCART	371470.69	3809077.81	0.00	0.00
DISCCART	371509.49	3809095.20	0.00	0.00
DISCCART	371534.58	3809124.39	0.00	0.00
DISCCART	371545.96	3809165.36	0.00	0.00
DISCCART	371557.34	3809206.33	0.00	0.00
DISCCART	371568.72	3809247.31	0.00	0.00
DISCCART	371580.10	3809288.28	0.00	0.00
DISCCART	371591.48	3809329.25	0.00	0.00
DISCCART	371602.86	3809370.22	0.00	0.00
DISCCART	371196.52	3808965.12	0.00	0.00
DISCCART	371152.61	3808965.90	0.00	0.00
DISCCART	371236.10	3808873.45	0.00	0.00
DISCCART	371274.90	3808890.84	0.00	0.00
DISCCART	371313.71	3808908.24	0.00	0.00
DISCCART	371352.51	3808925.64	0.00	0.00
DISCCART	371391.31	3808943.03	0.00	0.00
DISCCART	371430.11	3808960.43	0.00	0.00
DISCCART	371468.92	3808977.82	0.00	0.00
DISCCART	371507.72	3808995.22	0.00	0.00
DISCCART	371546.52	3809012.62	0.00	0.00
DISCCART	371585.32	3809030.01	0.00	0.00
DISCCART	371610.41	3809059.20	0.00	0.00
DISCCART	371621.79	3809100.17	0.00	0.00
DISCCART	371633.17	3809141.14	0.00	0.00
DISCCART	371644.55	3809182.11	0.00	0.00
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DISCCART	371667.31	3809264.06	0.00	0.00
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DISCCART	371690.07	3809346.01	0.00	0.00

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DISCCART	371428.34	3808860.44	0.00	0.00
DISCCART	371467.14	3808877.84	0.00	0.00
DISCCART	371505.94	3808895.24	0.00	0.00
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DISCCART	371583.55	3808930.03	0.00	0.00
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DISCCART	371709.00	3809075.95	0.00	0.00
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DISCCART	371731.76	3809157.90	0.00	0.00
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DISCCART	371087.64	3809167.52	0.00	0.00
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DISCCART	371084.93	3809067.55	0.00	0.00

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DISCCART	371126.90	3808966.38	0.00	0.00
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DISCCART	371037.53	3808968.80	0.00	0.00
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DISCCART	371124.19	3808866.41	0.00	0.00
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DISCCART	371168.94	3809237.18	0.00	0.00
DISCCART	371005.11	3809123.61	0.00	0.00
DISCCART	370967.60	3809119.54	0.00	0.00
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DISCCART	371268.89	3809234.03	0.00	0.00
DISCCART	371282.19	3809266.43	0.00	0.00
DISCCART	371015.91	3809024.20	0.00	0.00
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DISCCART	371062.14	3808935.21	0.00	0.00
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DISCCART	371270.32	3808935.05	0.00	0.00
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DISCCART	371377.19	3808883.96	0.00	0.00
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DISCCART	370927.34	3809227.48	0.00	0.00
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DISCCART	370983.77	3809200.33	0.00	0.00
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DISCCART	371087.13	3809036.94	0.00	0.00
DISCCART	371133.75	3809094.27	0.00	0.00

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DISCCART	371180.36	3809151.60	0.00	0.00
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DISCCART	371133.69	3808827.58	0.00	0.00
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DISCCART	371434.46	3809028.33	0.00	0.00
DISCCART	371457.77	3809057.00	0.00	0.00
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DISCCART	370867.46	3809234.56	0.00	0.00
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DISCCART	370895.89	3809213.95	0.00	0.00
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DISCCART	370918.81	3809169.52	0.00	0.00
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DISCCART	370940.17	3809072.51	0.00	0.00
DISCCART	370896.26	3809061.94	0.00	0.00
DISCCART	370959.07	3808974.69	0.00	0.00
DISCCART	370937.02	3808967.36	0.00	0.00
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DISCCART	371051.48	3808901.29	0.00	0.00
DISCCART	371011.93	3808784.04	0.00	0.00
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DISCCART	371095.94	3808811.96	0.00	0.00
DISCCART	370945.62	3808766.03	0.00	0.00
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DISCCART	371030.48	3808686.10	0.00	0.00
DISCCART	371052.54	3808693.43	0.00	0.00
DISCCART	371074.59	3808700.76	0.00	0.00
DISCCART	371096.64	3808708.09	0.00	0.00
DISCCART	371118.69	3808715.42	0.00	0.00
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DISCCART	370986.38	3808671.45	0.00	0.00
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DISCCART	370937.76	3808663.34	0.00	0.00

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DISCCART	370889.69	3809134.21	0.00	0.00
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DISCCART	370876.73	3809047.77	0.00	0.00
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DISCCART	370907.93	3809087.28	0.00	0.00
DISCCART	370898.21	3809022.45	0.00	0.00
DISCCART	370942.38	3809148.40	0.00	0.00
DISCCART	370935.90	3809105.18	0.00	0.00
DISCCART	370926.17	3809040.35	0.00	0.00
DISCCART	370965.18	3809161.78	0.00	0.00
DISCCART	370950.90	3809036.65	0.00	0.00
DISCCART	371059.08	3809191.38	0.00	0.00
DISCCART	371062.76	3809108.25	0.00	0.00
DISCCART	371151.92	3809028.59	0.00	0.00
DISCCART	371259.17	3809141.21	0.00	0.00
DISCCART	371257.30	3809056.97	0.00	0.00
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DISCCART	371338.65	3809298.98	0.00	0.00
DISCCART	371349.71	3808998.92	0.00	0.00
DISCCART	371456.96	3809111.54	0.00	0.00
DISCCART	371445.42	3809214.07	0.00	0.00
DISCCART	371436.20	3809296.10	0.00	0.00
DISCCART	371431.58	3809337.12	0.00	0.00
DISCCART	371451.85	3809005.69	0.00	0.00
DISCCART	370877.58	3809012.03	0.00	0.00
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DISCCART	370890.34	3808944.56	0.00	0.00
DISCCART	370894.60	3808922.07	0.00	0.00
DISCCART	370898.85	3808899.59	0.00	0.00
DISCCART	370914.91	3808949.21	0.00	0.00
DISCCART	370919.16	3808926.72	0.00	0.00
DISCCART	370923.42	3808904.23	0.00	0.00
DISCCART	370931.93	3808859.26	0.00	0.00
DISCCART	370930.96	3808998.84	0.00	0.00
DISCCART	370943.73	3808931.37	0.00	0.00
DISCCART	370947.98	3808908.88	0.00	0.00
DISCCART	370956.49	3808863.90	0.00	0.00
DISCCART	370955.53	3809003.48	0.00	0.00
DISCCART	370968.29	3808936.02	0.00	0.00
DISCCART	370976.80	3808891.04	0.00	0.00
DISCCART	371173.32	3808928.22	0.00	0.00
DISCCART	371267.32	3808969.30	0.00	0.00
DISCCART	371344.30	3809100.33	0.00	0.00
DISCCART	371459.58	3809028.97	0.00	0.00
DISCCART	370904.45	3808837.47	0.00	0.00

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DISCCART	370880.14	3808795.33	0.00	0.00
DISCCART	370926.11	3808824.98	0.00	0.00
DISCCART	370913.95	3808803.91	0.00	0.00
DISCCART	370901.80	3808782.84	0.00	0.00
DISCCART	370950.67	3808829.62	0.00	0.00
DISCCART	370935.61	3808791.41	0.00	0.00
DISCCART	370973.30	3808822.84	0.00	0.00
DISCCART	370977.18	3808845.70	0.00	0.00
DISCCART	370969.42	3808799.99	0.00	0.00
DISCCART	371056.04	3808750.02	0.00	0.00
DISCCART	371158.18	3808791.46	0.00	0.00
DISCCART	371162.05	3808814.32	0.00	0.00
DISCCART	371142.66	3808700.05	0.00	0.00
DISCCART	371130.50	3808678.98	0.00	0.00
DISCCART	371118.35	3808657.91	0.00	0.00
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DISCCART	371237.04	3808695.79	0.00	0.00
DISCCART	371240.92	3808718.64	0.00	0.00
DISCCART	371244.80	3808741.49	0.00	0.00
DISCCART	371264.19	3808855.76	0.00	0.00
DISCCART	371229.28	3808650.08	0.00	0.00
DISCCART	371217.12	3808629.01	0.00	0.00
DISCCART	371204.97	3808607.94	0.00	0.00
DISCCART	371319.78	3808622.96	0.00	0.00
DISCCART	371323.66	3808645.82	0.00	0.00
DISCCART	371327.54	3808668.67	0.00	0.00
DISCCART	371331.42	3808691.52	0.00	0.00
DISCCART	371335.29	3808714.38	0.00	0.00
DISCCART	371339.17	3808737.23	0.00	0.00
DISCCART	371343.05	3808760.09	0.00	0.00
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DISCCART	371414.16	3808618.70	0.00	0.00
DISCCART	371418.04	3808641.55	0.00	0.00
DISCCART	371421.91	3808664.41	0.00	0.00
DISCCART	371425.79	3808687.26	0.00	0.00
DISCCART	371429.67	3808710.12	0.00	0.00
DISCCART	371433.55	3808732.97	0.00	0.00
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DISCCART	371402.52	3808550.14	0.00	0.00

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   DISCCART    371175.76   3809035.73    0.00    0.00
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   DISCCART    371085.72   3809126.15    0.00    0.00
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   DISCCART    370931.37   3809281.17    0.00    0.00
   DISCCART    370995.39   3808127.73    0.00    0.00
** END OF FENCELINE GRID RECEPTORS
** DISCRETE CARTESIAN PLANT BOUNDARY - PRIMARY RECEPTORS
** PLANT BOUNDARY NAME PLBN1
** DESCRREC "FENCEPRI" "CARTESIAN PLANT BOUNDARY PRIMARY RECEPTORS"
   DISCCART    370822.83   3808712.19  530.88 1482.08
   DISCCART    370847.14   3808710.57  530.47 1482.08
   DISCCART    370858.49   3808807.82  526.87 1482.08
   DISCCART    370882.80   3808849.96  523.96 1482.08
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   DISCCART    370868.21   3809159.53  508.11 1482.08
   DISCCART    370839.04   3809234.09  505.63 1482.08
   DISCCART    370839.04   3809255.16  505.98 1482.08
   DISCCART    370887.66   3809263.27  511.06 1482.08
   DISCCART    370937.91   3809289.20  509.64 1482.08
   DISCCART    370946.01   3809318.37  503.80 1482.08
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   DISCCART    371003.70   3809369.87  500.00 1482.08
   DISCCART    371137.76   3809366.23  499.26 1482.08
   DISCCART    371225.58   3809364.67  528.82 1482.08
   DISCCART    371212.07   3809444.17  516.73 1482.08
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   DISCCART    371195.08   3809860.32  503.23 1482.08
   DISCCART    371186.45   3809871.82  501.15 1482.08
   DISCCART    371200.11   3809894.84  494.90 1482.08
   DISCCART    371192.92   3810052.34  510.68 1482.08
   DISCCART    371165.59   3810045.87  506.89 1482.08
   DISCCART    371154.09   3810042.27  505.22 1482.08
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   DISCCART    370592.02   3810093.12  481.12 1482.08
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   DISCCART    370394.88   3809696.30  490.56 1482.08
   DISCCART    370402.49   3809685.30  491.20 1482.08
   DISCCART    370426.18   3809701.38  490.83 1482.08
   DISCCART    370426.18   3809625.23  499.22 1482.08
   DISCCART    370439.72   3809600.69  501.91 1482.08
   DISCCART    370503.18   3809546.54  499.43 1482.08
   DISCCART    370698.63   3809431.47  500.36 1482.08
   DISCCART    370715.55   3809438.24  500.25 1482.08
   DISCCART    370766.32   3809401.01  501.99 1482.08
   DISCCART    370767.16   3809342.63  503.32 1482.08
   DISCCART    370734.16   3809307.09  501.76 1482.08
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   DISCCART    370795.93   3809270.71  503.57 1482.08
   DISCCART    370795.93   3809163.25  508.59 1482.08
   DISCCART    370797.62   3808929.73  516.45 1482.08
   DISCCART    370806.93   3808880.65  522.07 1482.08
   DISCCART    370809.47   3808845.12  524.47 1482.08
   DISCCART    370813.70   3808830.73  525.37 1482.08
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   DISCCART    370801.01   3808766.43  529.38 1482.08
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   DISCCART    370812.85   3808699.59  532.00 1482.08
   DISCCART    370848.39   3808709.74  530.51 1482.08
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.SFC"
   PROFFILE "..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.PFL"
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
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   RECTABLE 24 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST BELCAROPM10-A.AD\24H1GALL.PLT 31
   PLOTFILE   ANNUAL ALL BELCAROPM10-A.AD\AN00GALL.PLT 32
   SUMMFILE BELCAROPM10-A.SUM
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    6191       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6191       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
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      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1480 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:   1480 Source(s);       1 Source Group(s); and    3033
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1480 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.28946E-04	370831.2	3808733.6	529.6	5.00	4.65	4.65	YES	NO	
L0000002	0	0.28946E-04	370832.9	3808743.5	529.1	5.00	4.65	4.65	YES	NO	
L0000003	0	0.28946E-04	370834.5	3808753.3	528.5	5.00	4.65	4.65	YES	NO	
L0000004	0	0.28946E-04	370836.1	3808763.2	528.0	5.00	4.65	4.65	YES	NO	
L0000005	0	0.28946E-04	370837.8	3808773.1	527.5	5.00	4.65	4.65	YES	NO	
L0000006	0	0.28946E-04	370839.4	3808782.9	526.9	5.00	4.65	4.65	YES	NO	

L0000007	0	0.28946E-04	370841.0	3808792.8	526.4	5.00	4.65	4.65
YES		NO						
L0000008	0	0.28946E-04	370842.7	3808802.7	525.9	5.00	4.65	4.65
YES		NO						
L0000009	0	0.28946E-04	370844.3	3808812.5	525.3	5.00	4.65	4.65
YES		NO						
L0000010	0	0.28946E-04	370845.9	3808822.4	524.8	5.00	4.65	4.65
YES		NO						
L0000011	0	0.28946E-04	370846.9	3808832.3	524.2	5.00	4.65	4.65
YES		NO						
L0000012	0	0.28946E-04	370845.4	3808842.1	523.4	5.00	4.65	4.65
YES		NO						
L0000013	0	0.28946E-04	370843.9	3808852.0	522.5	5.00	4.65	4.65
YES		NO						
L0000014	0	0.28946E-04	370842.4	3808861.9	521.7	5.00	4.65	4.65
YES		NO						
L0000015	0	0.28946E-04	370840.8	3808871.8	520.9	5.00	4.65	4.65
YES		NO						
L0000016	0	0.28946E-04	370839.3	3808881.7	520.0	5.00	4.65	4.65
YES		NO						
L0000017	0	0.28946E-04	370837.8	3808891.6	519.2	5.00	4.65	4.65
YES		NO						
L0000018	0	0.28946E-04	370836.3	3808901.5	518.3	5.00	4.65	4.65
YES		NO						
L0000019	0	0.28946E-04	370834.8	3808911.3	517.5	5.00	4.65	4.65
YES		NO						
L0000020	0	0.28946E-04	370833.3	3808921.2	516.7	5.00	4.65	4.65
YES		NO						
L0000021	0	0.28946E-04	370831.9	3808931.1	515.9	5.00	4.65	4.65
YES		NO						
L0000022	0	0.28946E-04	370831.6	3808941.1	515.6	5.00	4.65	4.65
YES		NO						
L0000023	0	0.28946E-04	370831.4	3808951.1	515.3	5.00	4.65	4.65
YES		NO						
L0000024	0	0.28946E-04	370831.1	3808961.1	514.9	5.00	4.65	4.65
YES		NO						
L0000025	0	0.28946E-04	370830.9	3808971.1	514.6	5.00	4.65	4.65
YES		NO						
L0000026	0	0.28946E-04	370830.6	3808981.1	514.3	5.00	4.65	4.65
YES		NO						
L0000027	0	0.28946E-04	370830.4	3808991.1	514.0	5.00	4.65	4.65
YES		NO						
L0000028	0	0.28946E-04	370830.1	3809001.1	513.7	5.00	4.65	4.65
YES		NO						
L0000029	0	0.28946E-04	370829.8	3809011.1	513.3	5.00	4.65	4.65
YES		NO						
L0000030	0	0.28946E-04	370829.4	3809021.1	513.0	5.00	4.65	4.65
YES		NO						
L0000031	0	0.28946E-04	370829.1	3809031.1	512.6	5.00	4.65	4.65
YES		NO						

```
 L0000032         0   0.28946E-04  370828.7 3809041.1   512.2     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.28946E-04  370828.4 3809051.1   511.9     5.00     4.65
4.65     YES                    NO
 L0000034         0   0.28946E-04  370828.1 3809061.1   511.6     5.00     4.65
4.65     YES                    NO
 L0000035         0   0.28946E-04  370827.7 3809071.1   511.2     5.00     4.65
4.65     YES                    NO
 L0000036         0   0.28946E-04  370827.4 3809081.1   510.9     5.00     4.65
4.65     YES                    NO
 L0000037         0   0.28946E-04  370827.1 3809091.0   510.5     5.00     4.65
4.65     YES                    NO
 L0000038         0   0.28946E-04  370826.7 3809101.0   510.1     5.00     4.65
4.65     YES                    NO
 L0000039         0   0.28946E-04  370826.4 3809111.0   509.8     5.00     4.65
4.65     YES                    NO
 L0000040         0   0.28946E-04  370826.0 3809121.0   509.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.28946E-04  370825.7 3809131.0   509.1     5.00     4.65
4.65     YES                    NO
 L0000042         0   0.28946E-04  370825.4 3809141.0   508.7     5.00     4.65
4.65     YES                    NO
 L0000043         0   0.28946E-04  370825.0 3809151.0   508.4     5.00     4.65
4.65     YES                    NO
 L0000044         0   0.28946E-04  370824.7 3809161.0   508.0     5.00     4.65
4.65     YES                    NO
 L0000045         0   0.28946E-04  370824.4 3809171.0   507.7     5.00     4.65
4.65     YES                    NO
 L0000046         0   0.28946E-04  370824.0 3809181.0   507.3     5.00     4.65
4.65     YES                    NO
```

L0000047	0	0.28946E-04	370823.7	3809191.0	507.0	5.00	4.65	
4.65	YES	NO						
L0000048	0	0.28946E-04	370823.3	3809201.0	506.6	5.00	4.65	
4.65	YES	NO						
L0000049	0	0.28946E-04	370823.0	3809211.0	506.3	5.00	4.65	
4.65	YES	NO						
L0000050	0	0.28946E-04	370822.7	3809221.0	505.9	5.00	4.65	
4.65	YES	NO						
L0000051	0	0.28946E-04	370822.3	3809231.0	505.6	5.00	4.65	
4.65	YES	NO						
L0000052	0	0.28946E-04	370822.0	3809241.0	505.2	5.00	4.65	
4.65	YES	NO						
L0000053	0	0.28946E-04	370821.7	3809251.0	504.9	5.00	4.65	
4.65	YES	NO						
L0000054	0	0.28946E-04	370821.3	3809260.9	504.5	5.00	4.65	
4.65	YES	NO						
L0000055	0	0.28946E-04	370824.8	3809267.8	504.6	5.00	4.65	
4.65	YES	NO						
L0000056	0	0.28946E-04	370834.7	3809269.4	505.2	5.00	4.65	
4.65	YES	NO						
L0000057	0	0.28946E-04	370844.6	3809271.1	505.9	5.00	4.65	
4.65	YES	NO						
L0000058	0	0.28946E-04	370854.4	3809272.7	506.6	5.00	4.65	
4.65	YES	NO						
L0000059	0	0.28946E-04	370864.3	3809274.4	507.3	5.00	4.65	
4.65	YES	NO						
L0000060	0	0.28946E-04	370874.2	3809276.0	507.9	5.00	4.65	
4.65	YES	NO						
L0000061	0	0.28946E-04	370882.9	3809279.6	508.2	5.00	4.65	
4.65	YES	NO						
L0000062	0	0.28946E-04	370889.1	3809287.5	507.4	5.00	4.65	
4.65	YES	NO						
L0000063	0	0.28946E-04	370895.3	3809295.3	506.6	5.00	4.65	
4.65	YES	NO						
L0000064	0	0.28946E-04	370901.4	3809303.2	505.8	5.00	4.65	
4.65	YES	NO						
L0000065	0	0.28946E-04	370907.6	3809311.0	505.1	5.00	4.65	
4.65	YES	NO						
L0000066	0	0.28946E-04	370913.8	3809318.9	504.3	5.00	4.65	
4.65	YES	NO						
L0000067	0	0.28946E-04	370920.0	3809326.7	503.5	5.00	4.65	
4.65	YES	NO						
L0000068	0	0.28946E-04	370926.2	3809334.6	502.7	5.00	4.65	
4.65	YES	NO						
L0000069	0	0.28946E-04	370935.3	3809336.8	502.8	5.00	4.65	
4.65	YES	NO						
L0000070	0	0.28946E-04	370945.3	3809337.4	503.1	5.00	4.65	
4.65	YES	NO						
L0000071	0	0.28946E-04	370955.3	3809338.0	503.5	5.00	4.65	
4.65	YES	NO						

```
 L0000072         0   0.28946E-04  370965.3 3809338.6   503.8     5.00     4.65
4.65     YES                    NO
 L0000073         0   0.28946E-04  370975.3 3809339.2   504.2     5.00     4.65
4.65     YES                    NO
 L0000074         0   0.28946E-04  370985.3 3809339.8   504.5     5.00     4.65
4.65     YES                    NO
 L0000075         0   0.28946E-04  370987.1 3809348.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000076         0   0.28946E-04  370987.5 3809358.4   502.8     5.00     4.65
4.65     YES                    NO
 L0000077         0   0.28946E-04  370987.9 3809368.4   501.9     5.00     4.65
4.65     YES                    NO
 L0000078         0   0.28946E-04  370988.3 3809378.4   501.0     5.00     4.65
4.65     YES                    NO
 L0000079         0   0.28946E-04  370992.2 3809384.7   500.4     5.00     4.65
4.65     YES                    NO
 L0000080         0   0.28946E-04  371002.2 3809384.6   500.5     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000081         0   0.28946E-04  371012.2 3809384.5   500.6     5.00     4.65
4.65     YES                    NO
 L0000082         0   0.28946E-04  371022.2 3809384.4   500.7     5.00     4.65
4.65     YES                    NO
 L0000083         0   0.28946E-04  371032.2 3809384.3   500.8     5.00     4.65
4.65     YES                    NO
 L0000084         0   0.28946E-04  371042.2 3809384.2   500.8     5.00     4.65
4.65     YES                    NO
 L0000085         0   0.28946E-04  371052.2 3809384.1   500.9     5.00     4.65
4.65     YES                    NO
 L0000086         0   0.28946E-04  371062.2 3809384.0   501.0     5.00     4.65
4.65     YES                    NO
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L0000087	0	0.28946E-04	371072.2	3809383.9	501.1	5.00	4.65	
4.65	YES	NO						
L0000088	0	0.28946E-04	371082.2	3809383.8	501.2	5.00	4.65	
4.65	YES	NO						
L0000089	0	0.28946E-04	371092.2	3809383.7	501.2	5.00	4.65	
4.65	YES	NO						
L0000090	0	0.28946E-04	371102.2	3809383.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000091	0	0.28946E-04	371112.2	3809383.5	501.4	5.00	4.65	
4.65	YES	NO						
L0000092	0	0.28946E-04	371122.2	3809383.4	501.5	5.00	4.65	
4.65	YES	NO						
L0000093	0	0.28946E-04	371132.2	3809383.3	501.6	5.00	4.65	
4.65	YES	NO						
L0000094	0	0.28946E-04	371142.2	3809383.2	501.6	5.00	4.65	
4.65	YES	NO						
L0000095	0	0.28946E-04	371152.2	3809383.1	501.7	5.00	4.65	
4.65	YES	NO						
L0000096	0	0.28946E-04	371162.2	3809382.9	501.8	5.00	4.65	
4.65	YES	NO						
L0000097	0	0.28946E-04	371162.6	3809392.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000098	0	0.28946E-04	371162.7	3809402.6	501.7	5.00	4.65	
4.65	YES	NO						
L0000099	0	0.28946E-04	371162.8	3809412.6	501.6	5.00	4.65	
4.65	YES	NO						
L0000100	0	0.28946E-04	371162.8	3809422.6	501.5	5.00	4.65	
4.65	YES	NO						
L0000101	0	0.28946E-04	371162.9	3809432.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000102	0	0.28946E-04	371163.0	3809442.6	501.4	5.00	4.65	
4.65	YES	NO						
L0000103	0	0.28946E-04	371163.1	3809452.6	501.3	5.00	4.65	
4.65	YES	NO						
L0000104	0	0.28946E-04	371163.2	3809462.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000105	0	0.28946E-04	371163.3	3809472.6	501.2	5.00	4.65	
4.65	YES	NO						
L0000106	0	0.28946E-04	371163.4	3809482.6	501.1	5.00	4.65	
4.65	YES	NO						
L0000107	0	0.28946E-04	371163.4	3809492.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000108	0	0.28946E-04	371163.5	3809502.6	501.0	5.00	4.65	
4.65	YES	NO						
L0000109	0	0.28946E-04	371163.6	3809512.6	500.9	5.00	4.65	
4.65	YES	NO						
L0000110	0	0.28946E-04	371163.7	3809522.6	500.8	5.00	4.65	
4.65	YES	NO						
L0000111	0	0.28946E-04	371163.8	3809532.6	500.8	5.00	4.65	
4.65	YES	NO						

```
 L0000112         0   0.28946E-04  371163.9 3809542.6   500.7     5.00     4.65
4.65     YES                    NO
 L0000113         0   0.28946E-04  371163.9 3809552.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000114         0   0.28946E-04  371164.0 3809562.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000115         0   0.28946E-04  371164.1 3809572.6   500.5     5.00     4.65
4.65     YES                    NO
 L0000116         0   0.28946E-04  371164.2 3809582.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000117         0   0.28946E-04  371164.3 3809592.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000118         0   0.28946E-04  371164.4 3809602.6   500.3     5.00     4.65
4.65     YES                    NO
 L0000119         0   0.28946E-04  371164.5 3809612.6   500.2     5.00     4.65
4.65     YES                    NO
 L0000120         0   0.28946E-04  371164.5 3809622.6   500.2     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000121         0   0.28946E-04  371164.6 3809632.6   500.1     5.00     4.65
4.65     YES                    NO
 L0000122         0   0.28946E-04  371164.7 3809642.6   500.0     5.00     4.65
4.65     YES                    NO
 L0000123         0   0.28946E-04  371164.8 3809652.6   499.9     5.00     4.65
4.65     YES                    NO
 L0000124         0   0.28946E-04  371164.9 3809662.6   499.9     5.00     4.65
4.65     YES                    NO
 L0000125         0   0.28946E-04  371165.0 3809672.6   499.8     5.00     4.65
4.65     YES                    NO
 L0000126         0   0.28946E-04  371165.0 3809682.6   499.7     5.00     4.65
4.65     YES                    NO
```

L0000127	0	0.28946E-04	371165.1	3809692.6	499.7	5.00	4.65	
4.65	YES	NO						
L0000128	0	0.28946E-04	371165.2	3809702.6	499.6	5.00	4.65	
4.65	YES	NO						
L0000129	0	0.28946E-04	371165.3	3809712.6	499.5	5.00	4.65	
4.65	YES	NO						
L0000130	0	0.28946E-04	371165.4	3809722.6	499.5	5.00	4.65	
4.65	YES	NO						
L0000131	0	0.28946E-04	371165.5	3809732.6	499.4	5.00	4.65	
4.65	YES	NO						
L0000132	0	0.28946E-04	371165.6	3809742.6	499.3	5.00	4.65	
4.65	YES	NO						
L0000133	0	0.28946E-04	371165.6	3809752.6	499.3	5.00	4.65	
4.65	YES	NO						
L0000134	0	0.28946E-04	371165.7	3809762.6	499.2	5.00	4.65	
4.65	YES	NO						
L0000135	0	0.28946E-04	371165.8	3809772.6	499.1	5.00	4.65	
4.65	YES	NO						
L0000136	0	0.28946E-04	371165.9	3809782.6	499.1	5.00	4.65	
4.65	YES	NO						
L0000137	0	0.28946E-04	371166.0	3809792.6	499.0	5.00	4.65	
4.65	YES	NO						
L0000138	0	0.28946E-04	371166.1	3809802.6	498.9	5.00	4.65	
4.65	YES	NO						
L0000139	0	0.28946E-04	371166.2	3809812.6	498.9	5.00	4.65	
4.65	YES	NO						
L0000140	0	0.28946E-04	371166.2	3809822.6	498.8	5.00	4.65	
4.65	YES	NO						
L0000141	0	0.28946E-04	371166.3	3809832.6	498.7	5.00	4.65	
4.65	YES	NO						
L0000142	0	0.28946E-04	371166.4	3809842.6	498.7	5.00	4.65	
4.65	YES	NO						
L0000143	0	0.28946E-04	371166.5	3809852.6	498.6	5.00	4.65	
4.65	YES	NO						
L0000144	0	0.28946E-04	371166.6	3809862.6	498.5	5.00	4.65	
4.65	YES	NO						
L0000145	0	0.28946E-04	371166.7	3809872.6	498.4	5.00	4.65	
4.65	YES	NO						
L0000146	0	0.28946E-04	371166.7	3809882.6	498.4	5.00	4.65	
4.65	YES	NO						
L0000147	0	0.28946E-04	371166.8	3809892.6	498.3	5.00	4.65	
4.65	YES	NO						
L0000148	0	0.28946E-04	371166.9	3809902.6	498.2	5.00	4.65	
4.65	YES	NO						
L0000149	0	0.28946E-04	371167.0	3809912.6	498.2	5.00	4.65	
4.65	YES	NO						
L0000150	0	0.28946E-04	371167.1	3809922.6	498.1	5.00	4.65	
4.65	YES	NO						
L0000151	0	0.28946E-04	371167.2	3809932.6	498.0	5.00	4.65	
4.65	YES	NO						

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 L0000152         0   0.28946E-04  371167.3 3809942.6   498.0     5.00     4.65
4.65     YES                    NO
 L0000153         0   0.28946E-04  371167.3 3809952.6   497.9     5.00     4.65
4.65     YES                    NO
 L0000154         0   0.28946E-04  371167.4 3809962.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000155         0   0.28946E-04  371167.5 3809972.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000156         0   0.28946E-04  371167.6 3809982.6   497.7     5.00     4.65
4.65     YES                    NO
 L0000157         0   0.28946E-04  371167.7 3809992.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000158         0   0.28946E-04  371167.8 3810002.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000159         0   0.28946E-04  371167.8 3810012.6   497.5     5.00     4.65
4.65     YES                    NO
 L0000160         0   0.28946E-04  371163.2 3810017.1   497.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000161         0   0.28946E-04  371153.4 3810015.5   497.3     5.00     4.65
4.65     YES                    NO
 L0000162         0   0.28946E-04  371143.5 3810013.9   497.2     5.00     4.65
4.65     YES                    NO
 L0000163         0   0.28946E-04  371133.6 3810012.3   497.1     5.00     4.65
4.65     YES                    NO
 L0000164         0   0.28946E-04  371123.8 3810010.7   497.0     5.00     4.65
4.65     YES                    NO
 L0000165         0   0.28946E-04  371113.9 3810009.1   496.9     5.00     4.65
4.65     YES                    NO
 L0000166         0   0.28946E-04  371104.0 3810007.5   496.8     5.00     4.65
4.65     YES                    NO
```

L0000167	0	0.28946E-04	371094.1	3810005.9	496.8	5.00	4.65	
4.65	YES	NO						
L0000168	0	0.28946E-04	371084.3	3810004.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000169	0	0.28946E-04	371074.4	3810002.7	496.6	5.00	4.65	
4.65	YES	NO						
L0000170	0	0.28946E-04	371064.5	3810001.1	496.5	5.00	4.65	
4.65	YES	NO						
L0000171	0	0.28946E-04	371054.7	3809999.5	496.4	5.00	4.65	
4.65	YES	NO						
L0000172	0	0.28946E-04	371044.8	3809997.9	496.3	5.00	4.65	
4.65	YES	NO						
L0000173	0	0.28946E-04	371034.9	3809996.3	496.2	5.00	4.65	
4.65	YES	NO						
L0000174	0	0.28946E-04	371025.0	3809994.7	496.1	5.00	4.65	
4.65	YES	NO						
L0000175	0	0.28946E-04	371015.2	3809993.1	496.0	5.00	4.65	
4.65	YES	NO						
L0000176	0	0.28946E-04	371005.3	3809991.5	495.9	5.00	4.65	
4.65	YES	NO						
L0000177	0	0.28946E-04	370995.4	3809989.9	495.8	5.00	4.65	
4.65	YES	NO						
L0000178	0	0.28946E-04	370985.6	3809988.2	495.7	5.00	4.65	
4.65	YES	NO						
L0000179	0	0.28946E-04	370975.7	3809986.6	495.6	5.00	4.65	
4.65	YES	NO						
L0000180	0	0.28946E-04	370965.8	3809985.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000181	0	0.28946E-04	370956.0	3809983.4	495.4	5.00	4.65	
4.65	YES	NO						
L0000182	0	0.28946E-04	370946.1	3809981.8	495.4	5.00	4.65	
4.65	YES	NO						
L0000183	0	0.28946E-04	370936.2	3809980.2	495.2	5.00	4.65	
4.65	YES	NO						
L0000184	0	0.28946E-04	370926.3	3809978.6	495.2	5.00	4.65	
4.65	YES	NO						
L0000185	0	0.28946E-04	370916.5	3809977.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000186	0	0.28946E-04	370906.6	3809975.4	495.0	5.00	4.65	
4.65	YES	NO						
L0000187	0	0.28946E-04	370896.7	3809973.8	494.9	5.00	4.65	
4.65	YES	NO						
L0000188	0	0.28946E-04	370886.9	3809972.2	494.8	5.00	4.65	
4.65	YES	NO						
L0000189	0	0.28946E-04	370877.0	3809970.6	494.7	5.00	4.65	
4.65	YES	NO						
L0000190	0	0.28946E-04	370867.1	3809969.0	494.6	5.00	4.65	
4.65	YES	NO						
L0000191	0	0.28946E-04	370857.2	3809967.4	494.5	5.00	4.65	
4.65	YES	NO						

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 L0000192         0   0.28946E-04  370847.4 3809965.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000193         0   0.28946E-04  370837.5 3809964.2   494.3     5.00     4.65
4.65     YES                    NO
 L0000194         0   0.28946E-04  370827.6 3809962.6   494.2     5.00     4.65
4.65     YES                    NO
 L0000195         0   0.28946E-04  370817.8 3809961.0   494.1     5.00     4.65
4.65     YES                    NO
 L0000196         0   0.28946E-04  370807.9 3809959.4   494.0     5.00     4.65
4.65     YES                    NO
 L0000197         0   0.28946E-04  370798.0 3809957.8   493.9     5.00     4.65
4.65     YES                    NO
 L0000198         0   0.28946E-04  370788.2 3809956.2   493.9     5.00     4.65
4.65     YES                    NO
 L0000199         0   0.28946E-04  370778.3 3809954.6   493.8     5.00     4.65
4.65     YES                    NO
 L0000200         0   0.28946E-04  370768.4 3809953.0   493.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000201         0   0.28946E-04  370758.5 3809951.4   493.6     5.00     4.65
4.65     YES                    NO
 L0000202         0   0.28946E-04  370748.7 3809949.8   493.5     5.00     4.65
4.65     YES                    NO
 L0000203         0   0.28946E-04  370741.9 3809956.9   492.8     5.00     4.65
4.65     YES                    NO
 L0000204         0   0.28946E-04  370735.3 3809964.4   492.0     5.00     4.65
4.65     YES                    NO
 L0000205         0   0.28946E-04  370728.8 3809971.9   491.3     5.00     4.65
4.65     YES                    NO
 L0000206         0   0.28946E-04  370722.2 3809979.5   490.5     5.00     4.65
4.65     YES                    NO
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L0000207	0	0.28946E-04	370715.6	3809987.0	489.8	5.00	4.65	
4.65	YES	NO						
L0000208	0	0.28946E-04	370709.0	3809994.5	489.0	5.00	4.65	
4.65	YES	NO						
L0000209	0	0.28946E-04	370702.4	3810002.0	488.3	5.00	4.65	
4.65	YES	NO						
L0000210	0	0.28946E-04	370695.8	3810009.6	487.5	5.00	4.65	
4.65	YES	NO						
L0000211	0	0.28946E-04	370689.2	3810017.1	486.8	5.00	4.65	
4.65	YES	NO						
L0000212	0	0.28946E-04	370682.2	3810024.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000213	0	0.28946E-04	370674.5	3810030.5	485.6	5.00	4.65	
4.65	YES	NO						
L0000214	0	0.28946E-04	370666.8	3810036.9	485.0	5.00	4.65	
4.65	YES	NO						
L0000215	0	0.28946E-04	370659.2	3810043.3	484.5	5.00	4.65	
4.65	YES	NO						
L0000216	0	0.28946E-04	370651.5	3810049.7	484.0	5.00	4.65	
4.65	YES	NO						
L0000217	0	0.28946E-04	370643.8	3810056.1	483.4	5.00	4.65	
4.65	YES	NO						
L0000218	0	0.28946E-04	370636.1	3810062.5	482.9	5.00	4.65	
4.65	YES	NO						
L0000219	0	0.28946E-04	370627.5	3810066.3	482.6	5.00	4.65	
4.65	YES	NO						
L0000220	0	0.28946E-04	370617.5	3810066.3	482.7	5.00	4.65	
4.65	YES	NO						
L0000221	0	0.28946E-04	370607.5	3810066.3	482.8	5.00	4.65	
4.65	YES	NO						
L0000222	0	0.28946E-04	370597.5	3810066.3	482.9	5.00	4.65	
4.65	YES	NO						
L0000223	0	0.28946E-04	370587.5	3810066.3	483.0	5.00	4.65	
4.65	YES	NO						
L0000224	0	0.28946E-04	370577.5	3810066.3	483.1	5.00	4.65	
4.65	YES	NO						
L0000225	0	0.28946E-04	370567.5	3810066.3	483.1	5.00	4.65	
4.65	YES	NO						
L0000226	0	0.28946E-04	370557.5	3810066.3	483.2	5.00	4.65	
4.65	YES	NO						
L0000227	0	0.28946E-04	370547.5	3810066.3	483.3	5.00	4.65	
4.65	YES	NO						
L0000228	0	0.28946E-04	370537.5	3810066.3	483.4	5.00	4.65	
4.65	YES	NO						
L0000229	0	0.28946E-04	370527.5	3810066.3	483.4	5.00	4.65	
4.65	YES	NO						
L0000230	0	0.28946E-04	370517.5	3810067.0	483.5	5.00	4.65	
4.65	YES	NO						
L0000231	0	0.28946E-04	370507.6	3810068.2	483.6	5.00	4.65	
4.65	YES	NO						

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 L0000232         0   0.28946E-04  370497.6 3810069.3   483.7     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.28946E-04  370487.7 3810070.5   483.8     5.00     4.65
4.65     YES                    NO
 L0000234         0   0.28946E-04  370477.8 3810071.6   483.9     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.28946E-04  370467.8 3810072.8   484.0     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.28946E-04  370457.9 3810073.9   484.1     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.28946E-04  370448.0 3810075.1   484.2     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.28946E-04  370438.0 3810076.2   484.3     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.28946E-04  370428.1 3810077.4   484.4     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.28946E-04  370418.2 3810078.5   484.5     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000241         0   0.28946E-04  370408.2 3810079.7   484.6     5.00     4.65
4.65     YES                    NO
 L0000242         0   0.28946E-04  370398.3 3810080.8   484.7     5.00     4.65
4.65     YES                    NO
 L0000243         0   0.28946E-04  370388.4 3810082.0   484.8     5.00     4.65
4.65     YES                    NO
 L0000244         0   0.28946E-04  370378.4 3810083.1   484.9     5.00     4.65
4.65     YES                    NO
 L0000245         0   0.28946E-04  370368.5 3810084.3   485.0     5.00     4.65
4.65     YES                    NO
 L0000246         0   0.28946E-04  370358.6 3810085.4   485.1     5.00     4.65
4.65     YES                    NO
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L0000247	0	0.28946E-04	370348.6	3810086.6	485.2	5.00	4.65	
4.65	YES	NO						
L0000248	0	0.28946E-04	370338.7	3810087.7	485.3	5.00	4.65	
4.65	YES	NO						
L0000249	0	0.28946E-04	370328.8	3810088.9	485.4	5.00	4.65	
4.65	YES	NO						
L0000250	0	0.28946E-04	370318.8	3810090.0	485.5	5.00	4.65	
4.65	YES	NO						
L0000251	0	0.28946E-04	370308.9	3810091.2	485.6	5.00	4.65	
4.65	YES	NO						
L0000252	0	0.28946E-04	370299.0	3810092.3	485.7	5.00	4.65	
4.65	YES	NO						
L0000253	0	0.28946E-04	370289.0	3810093.5	485.8	5.00	4.65	
4.65	YES	NO						
L0000254	0	0.28946E-04	370279.1	3810094.6	485.9	5.00	4.65	
4.65	YES	NO						
L0000255	0	0.28946E-04	370269.2	3810095.8	486.0	5.00	4.65	
4.65	YES	NO						
L0000256	0	0.28946E-04	370259.3	3810097.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000257	0	0.28946E-04	370249.7	3810100.1	486.1	5.00	4.65	
4.65	YES	NO						
L0000258	0	0.28946E-04	370240.2	3810103.0	486.2	5.00	4.65	
4.65	YES	NO						
L0000259	0	0.28946E-04	370230.6	3810106.0	486.3	5.00	4.65	
4.65	YES	NO						
L0000260	0	0.28946E-04	370221.0	3810108.9	486.3	5.00	4.65	
4.65	YES	NO						
L0000261	0	0.28946E-04	370211.5	3810111.9	486.4	5.00	4.65	
4.65	YES	NO						
L0000262	0	0.28946E-04	370201.9	3810114.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000263	0	0.28946E-04	370192.4	3810117.8	486.5	5.00	4.65	
4.65	YES	NO						
L0000264	0	0.28946E-04	370182.8	3810120.7	486.6	5.00	4.65	
4.65	YES	NO						
L0000265	0	0.28946E-04	370173.3	3810123.7	486.7	5.00	4.65	
4.65	YES	NO						
L0000266	0	0.28946E-04	370163.7	3810126.6	486.8	5.00	4.65	
4.65	YES	NO						
L0000267	0	0.28946E-04	370154.2	3810129.5	486.8	5.00	4.65	
4.65	YES	NO						
L0000268	0	0.28946E-04	370144.6	3810132.5	486.9	5.00	4.65	
4.65	YES	NO						
L0000269	0	0.28946E-04	370135.1	3810135.4	486.9	5.00	4.65	
4.65	YES	NO						
L0000270	0	0.28946E-04	370125.5	3810138.4	487.0	5.00	4.65	
4.65	YES	NO						
L0000271	0	0.28946E-04	370115.9	3810141.3	487.1	5.00	4.65	
4.65	YES	NO						

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 L0000272         0   0.28946E-04  370106.1 3810143.3   486.7     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.28946E-04  370096.3 3810145.1   486.3     5.00     4.65
4.65     YES                    NO
 L0000274         0   0.28946E-04  370086.5 3810147.0   485.8     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.28946E-04  370076.7 3810148.8   485.4     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.28946E-04  370066.8 3810150.7   484.9     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.28946E-04  370057.0 3810152.5   484.5     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.28946E-04  370047.2 3810154.3   484.1     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.28946E-04  370037.3 3810156.2   483.7     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.28946E-04  370027.6 3810157.2   483.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000281         0   0.28946E-04  370018.4 3810153.3   482.8     5.00     4.65
4.65     YES                    NO
 L0000282         0   0.28946E-04  370009.1 3810149.5   482.4     5.00     4.65
4.65     YES                    NO
 L0000283         0   0.28946E-04  369999.9 3810145.7   482.1     5.00     4.65
4.65     YES                    NO
 L0000284         0   0.28946E-04  369990.7 3810141.8   481.7     5.00     4.65
4.65     YES                    NO
 L0000285         0   0.28946E-04  369981.4 3810138.0   481.3     5.00     4.65
4.65     YES                    NO
 L0000286         0   0.28946E-04  369972.2 3810134.2   480.9     5.00     4.65
4.65     YES                    NO
```

L0000287	0	0.28946E-04	369962.9	3810130.3	480.5	5.00	4.65	
4.65	YES	NO						
L0000288	0	0.28946E-04	369953.7	3810126.5	480.1	5.00	4.65	
4.65	YES	NO						
L0000289	0	0.28946E-04	369944.5	3810122.7	479.7	5.00	4.65	
4.65	YES	NO						
L0000290	0	0.28946E-04	369935.2	3810118.8	479.4	5.00	4.65	
4.65	YES	NO						
L0000291	0	0.28946E-04	369926.0	3810115.0	479.0	5.00	4.65	
4.65	YES	NO						
L0000292	0	0.28946E-04	369916.8	3810111.2	478.6	5.00	4.65	
4.65	YES	NO						
L0000293	0	0.28946E-04	369907.5	3810107.4	478.2	5.00	4.65	
4.65	YES	NO						
L0000294	0	0.28946E-04	369898.3	3810103.5	477.8	5.00	4.65	
4.65	YES	NO						
L0000295	0	0.28946E-04	369889.0	3810099.7	477.4	5.00	4.65	
4.65	YES	NO						
L0000296	0	0.28946E-04	369879.8	3810095.9	477.0	5.00	4.65	
4.65	YES	NO						
L0000297	0	0.28946E-04	369870.6	3810092.0	476.7	5.00	4.65	
4.65	YES	NO						
L0000298	0	0.28946E-04	369861.3	3810088.2	476.3	5.00	4.65	
4.65	YES	NO						
L0000299	0	0.28946E-04	369865.6	3810080.5	476.3	5.00	4.65	
4.65	YES	NO						
L0000300	0	0.28946E-04	369872.7	3810076.5	476.4	5.00	4.65	
4.65	YES	NO						
L0000301	0	0.28946E-04	369882.0	3810080.1	476.6	5.00	4.65	
4.65	YES	NO						
L0000302	0	0.28946E-04	369891.4	3810083.7	476.8	5.00	4.65	
4.65	YES	NO						
L0000303	0	0.28946E-04	369900.7	3810087.3	477.0	5.00	4.65	
4.65	YES	NO						
L0000304	0	0.28946E-04	369910.1	3810090.8	477.2	5.00	4.65	
4.65	YES	NO						
L0000305	0	0.28946E-04	369919.4	3810094.4	477.4	5.00	4.65	
4.65	YES	NO						
L0000306	0	0.28946E-04	369928.7	3810098.0	477.6	5.00	4.65	
4.65	YES	NO						
L0000307	0	0.28946E-04	369938.1	3810101.6	477.9	5.00	4.65	
4.65	YES	NO						
L0000308	0	0.28946E-04	369947.4	3810105.1	478.1	5.00	4.65	
4.65	YES	NO						
L0000309	0	0.28946E-04	369956.7	3810108.7	478.3	5.00	4.65	
4.65	YES	NO						
L0000310	0	0.28946E-04	369966.1	3810112.3	478.5	5.00	4.65	
4.65	YES	NO						
L0000311	0	0.28946E-04	369975.4	3810115.9	478.7	5.00	4.65	
4.65	YES	NO						

```
 L0000312         0   0.28946E-04  369984.8 3810119.4   478.9     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.28946E-04  369994.1 3810123.0   479.1     5.00     4.65
4.65     YES                    NO
 L0000314         0   0.28946E-04  370003.4 3810126.6   479.3     5.00     4.65
4.65     YES                    NO
 L0000315         0   0.28946E-04  370012.8 3810130.2   479.5     5.00     4.65
4.65     YES                    NO
 L0000316         0   0.28946E-04  370022.1 3810133.7   479.7     5.00     4.65
4.65     YES                    NO
 L0000317         0   0.28946E-04  370031.5 3810137.3   479.9     5.00     4.65
4.65     YES                    NO
 L0000318         0   0.28946E-04  370040.9 3810139.0   480.4     5.00     4.65
4.65     YES                    NO
 L0000319         0   0.28946E-04  370050.6 3810136.5   481.4     5.00     4.65
4.65     YES                    NO
 L0000320         0   0.28946E-04  370060.2 3810134.0   482.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000321         0   0.28946E-04  370069.9 3810131.4   483.4     5.00     4.65
4.65     YES                    NO
 L0000322         0   0.28946E-04  370079.6 3810128.9   484.4     5.00     4.65
4.65     YES                    NO
 L0000323         0   0.28946E-04  370089.3 3810126.4   485.4     5.00     4.65
4.65     YES                    NO
 L0000324         0   0.28946E-04  370098.9 3810123.8   486.4     5.00     4.65
4.65     YES                    NO
 L0000325         0   0.28946E-04  370108.6 3810121.3   487.4     5.00     4.65
4.65     YES                    NO
 L0000326         0   0.28946E-04  370118.3 3810118.8   488.4     5.00     4.65
4.65     YES                    NO
```

L0000327	0	0.28946E-04	370128.0	3810116.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000328	0	0.28946E-04	370137.6	3810113.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000329	0	0.28946E-04	370147.3	3810111.2	491.4	5.00	4.65	
4.65	YES	NO						
L0000330	0	0.28946E-04	370157.0	3810108.6	492.5	5.00	4.65	
4.65	YES	NO						
L0000331	0	0.28946E-04	370166.6	3810106.1	493.5	5.00	4.65	
4.65	YES	NO						
L0000332	0	0.28946E-04	370176.3	3810103.5	494.5	5.00	4.65	
4.65	YES	NO						
L0000333	0	0.28946E-04	370186.0	3810101.0	495.5	5.00	4.65	
4.65	YES	NO						
L0000334	0	0.28946E-04	370195.7	3810098.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000335	0	0.28946E-04	370205.3	3810095.9	497.5	5.00	4.65	
4.65	YES	NO						
L0000336	0	0.28946E-04	370215.0	3810093.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000337	0	0.28946E-04	370224.7	3810090.8	498.9	5.00	4.65	
4.65	YES	NO						
L0000338	0	0.28946E-04	370234.3	3810088.1	496.6	5.00	4.65	
4.65	YES	NO						
L0000339	0	0.28946E-04	370243.9	3810085.3	494.4	5.00	4.65	
4.65	YES	NO						
L0000340	0	0.28946E-04	370253.5	3810082.6	492.2	5.00	4.65	
4.65	YES	NO						
L0000341	0	0.28946E-04	370263.1	3810079.8	489.9	5.00	4.65	
4.65	YES	NO						
L0000342	0	0.28946E-04	370272.8	3810077.1	487.7	5.00	4.65	
4.65	YES	NO						
L0000343	0	0.28946E-04	370282.4	3810074.3	485.4	5.00	4.65	
4.65	YES	NO						
L0000344	0	0.28946E-04	370292.0	3810071.6	483.2	5.00	4.65	
4.65	YES	NO						
L0000345	0	0.28946E-04	370301.7	3810069.4	481.8	5.00	4.65	
4.65	YES	NO						
L0000346	0	0.28946E-04	370311.6	3810068.0	481.9	5.00	4.65	
4.65	YES	NO						
L0000347	0	0.28946E-04	370321.5	3810066.6	482.0	5.00	4.65	
4.65	YES	NO						
L0000348	0	0.28946E-04	370331.4	3810065.2	482.1	5.00	4.65	
4.65	YES	NO						
L0000349	0	0.28946E-04	370341.3	3810063.8	482.2	5.00	4.65	
4.65	YES	NO						
L0000350	0	0.28946E-04	370351.2	3810062.4	482.2	5.00	4.65	
4.65	YES	NO						
L0000351	0	0.28946E-04	370361.1	3810061.0	482.3	5.00	4.65	
4.65	YES	NO						

 L0000352   0   0.28946E-04 370371.0 3810059.6   482.4   5.00   4.65
4.65   YES   NO
 L0000353   0   0.28946E-04 370380.9 3810058.2   482.5   5.00   4.65
4.65   YES   NO
 L0000354   0   0.28946E-04 370390.8 3810056.8   482.6   5.00   4.65
4.65   YES   NO
 L0000355   0   0.28946E-04 370400.7 3810055.4   482.6   5.00   4.65
4.65   YES   NO
 L0000356   0   0.28946E-04 370410.6 3810054.0   482.7   5.00   4.65
4.65   YES   NO
 L0000357   0   0.28946E-04 370420.5 3810052.6   482.8   5.00   4.65
4.65   YES   NO
 L0000358   0   0.28946E-04 370430.5 3810051.7   482.9   5.00   4.65
4.65   YES   NO
 L0000359   0   0.28946E-04 370440.5 3810051.4   483.0   5.00   4.65
4.65   YES   NO
 L0000360   0   0.28946E-04 370450.5 3810051.0   483.1   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0000361   0   0.28946E-04 370460.5 3810050.6   483.2   5.00   4.65
4.65   YES   NO
 L0000362   0   0.28946E-04 370470.4 3810050.2   483.2   5.00   4.65
4.65   YES   NO
 L0000363   0   0.28946E-04 370480.4 3810049.8   483.3   5.00   4.65
4.65   YES   NO
 L0000364   0   0.28946E-04 370490.4 3810049.4   483.4   5.00   4.65
4.65   YES   NO
 L0000365   0   0.28946E-04 370500.4 3810049.0   483.5   5.00   4.65
4.65   YES   NO
 L0000366   0   0.28946E-04 370510.4 3810048.7   483.6   5.00   4.65
4.65   YES   NO

L0000367	0	0.28946E-04	370520.4	3810048.3	483.7	5.00	4.65	
4.65	YES	NO						
L0000368	0	0.28946E-04	370530.4	3810047.9	483.8	5.00	4.65	
4.65	YES	NO						
L0000369	0	0.28946E-04	370540.4	3810047.5	483.9	5.00	4.65	
4.65	YES	NO						
L0000370	0	0.28946E-04	370550.4	3810047.1	484.0	5.00	4.65	
4.65	YES	NO						
L0000371	0	0.28946E-04	370560.4	3810046.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000372	0	0.28946E-04	370564.7	3810041.5	484.3	5.00	4.65	
4.65	YES	NO						
L0000373	0	0.28946E-04	370563.6	3810031.5	484.5	5.00	4.65	
4.65	YES	NO						
L0000374	0	0.28946E-04	370562.5	3810021.6	484.8	5.00	4.65	
4.65	YES	NO						
L0000375	0	0.28946E-04	370561.4	3810011.7	485.1	5.00	4.65	
4.65	YES	NO						
L0000376	0	0.28946E-04	370560.3	3810001.7	485.4	5.00	4.65	
4.65	YES	NO						
L0000377	0	0.28946E-04	370566.2	3809997.3	486.1	5.00	4.65	
4.65	YES	NO						
L0000378	0	0.28946E-04	370576.1	3809996.0	487.2	5.00	4.65	
4.65	YES	NO						
L0000379	0	0.28946E-04	370586.0	3809994.6	488.2	5.00	4.65	
4.65	YES	NO						
L0000380	0	0.28946E-04	370588.2	3810003.7	487.4	5.00	4.65	
4.65	YES	NO						
L0000381	0	0.28946E-04	370589.8	3810013.5	486.5	5.00	4.65	
4.65	YES	NO						
L0000382	0	0.28946E-04	370591.4	3810023.4	485.6	5.00	4.65	
4.65	YES	NO						
L0000383	0	0.28946E-04	370593.0	3810033.3	484.6	5.00	4.65	
4.65	YES	NO						
L0000384	0	0.28946E-04	370597.8	3810039.0	484.0	5.00	4.65	
4.65	YES	NO						
L0000385	0	0.28946E-04	370607.7	3810037.8	484.0	5.00	4.65	
4.65	YES	NO						
L0000386	0	0.28946E-04	370617.7	3810036.7	484.1	5.00	4.65	
4.65	YES	NO						
L0000387	0	0.28946E-04	370626.1	3810034.4	484.4	5.00	4.65	
4.65	YES	NO						
L0000388	0	0.28946E-04	370624.7	3810024.5	486.7	5.00	4.65	
4.65	YES	NO						
L0000389	0	0.28946E-04	370623.4	3810014.6	489.0	5.00	4.65	
4.65	YES	NO						
L0000390	0	0.28946E-04	370622.0	3810004.7	491.3	5.00	4.65	
4.65	YES	NO						
L0000391	0	0.28946E-04	370622.4	3809996.3	493.4	5.00	4.65	
4.65	YES	NO						

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 L0000392         0   0.28946E-04  370632.4 3809995.9   494.3     5.00     4.65
4.65     YES                    NO
 L0000393         0   0.28946E-04  370642.4 3809995.4   495.2     5.00     4.65
4.65     YES                    NO
 L0000394         0   0.28946E-04  370652.4 3809995.0   496.1     5.00     4.65
4.65     YES                    NO
 L0000395         0   0.28946E-04  370662.4 3809994.6   497.0     5.00     4.65
4.65     YES                    NO
 L0000396         0   0.28946E-04  370671.2 3809990.2   498.2     5.00     4.65
4.65     YES                    NO
 L0000397         0   0.28946E-04  370679.7 3809985.0   499.5     5.00     4.65
4.65     YES                    NO
 L0000398         0   0.28946E-04  370681.8 3809976.2   499.1     5.00     4.65
4.65     YES                    NO
 L0000399         0   0.28946E-04  370681.8 3809966.2   498.1     5.00     4.65
4.65     YES                    NO
 L0000400         0   0.28946E-04  370681.8 3809956.2   497.1     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000401         0   0.28946E-04  370681.8 3809946.2   496.1     5.00     4.65
4.65     YES                    NO
 L0000402         0   0.28946E-04  370681.8 3809936.2   495.1     5.00     4.65
4.65     YES                    NO
 L0000403         0   0.28946E-04  370674.6 3809932.7   494.5     5.00     4.65
4.65     YES                    NO
 L0000404         0   0.28946E-04  370664.7 3809931.4   494.1     5.00     4.65
4.65     YES                    NO
 L0000405         0   0.28946E-04  370654.7 3809930.2   493.6     5.00     4.65
4.65     YES                    NO
 L0000406         0   0.28946E-04  370644.8 3809929.0   493.2     5.00     4.65
4.65     YES                    NO
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L0000407	0	0.28946E-04	370634.9	3809927.8	492.7	5.00	4.65	
4.65	YES	NO						
L0000408	0	0.28946E-04	370625.0	3809926.5	492.2	5.00	4.65	
4.65	YES	NO						
L0000409	0	0.28946E-04	370615.0	3809925.3	491.8	5.00	4.65	
4.65	YES	NO						
L0000410	0	0.28946E-04	370605.1	3809924.1	491.3	5.00	4.65	
4.65	YES	NO						
L0000411	0	0.28946E-04	370595.2	3809922.8	490.8	5.00	4.65	
4.65	YES	NO						
L0000412	0	0.28946E-04	370585.3	3809921.6	490.4	5.00	4.65	
4.65	YES	NO						
L0000413	0	0.28946E-04	370575.3	3809920.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000414	0	0.28946E-04	370565.4	3809919.2	489.4	5.00	4.65	
4.65	YES	NO						
L0000415	0	0.28946E-04	370555.5	3809917.9	489.0	5.00	4.65	
4.65	YES	NO						
L0000416	0	0.28946E-04	370545.6	3809916.7	488.5	5.00	4.65	
4.65	YES	NO						
L0000417	0	0.28946E-04	370535.6	3809915.5	488.1	5.00	4.65	
4.65	YES	NO						
L0000418	0	0.28946E-04	370525.7	3809914.2	487.6	5.00	4.65	
4.65	YES	NO						
L0000419	0	0.28946E-04	370515.8	3809913.0	487.1	5.00	4.65	
4.65	YES	NO						
L0000420	0	0.28946E-04	370507.6	3809910.0	486.8	5.00	4.65	
4.65	YES	NO						
L0000421	0	0.28946E-04	370506.3	3809900.1	487.0	5.00	4.65	
4.65	YES	NO						
L0000422	0	0.28946E-04	370505.1	3809890.2	487.2	5.00	4.65	
4.65	YES	NO						
L0000423	0	0.28946E-04	370503.8	3809880.3	487.4	5.00	4.65	
4.65	YES	NO						
L0000424	0	0.28946E-04	370502.5	3809870.4	487.5	5.00	4.65	
4.65	YES	NO						
L0000425	0	0.28946E-04	370501.2	3809860.4	487.7	5.00	4.65	
4.65	YES	NO						
L0000426	0	0.28946E-04	370495.5	3809853.5	487.8	5.00	4.65	
4.65	YES	NO						
L0000427	0	0.28946E-04	370486.9	3809848.5	487.9	5.00	4.65	
4.65	YES	NO						
L0000428	0	0.28946E-04	370478.2	3809843.5	488.0	5.00	4.65	
4.65	YES	NO						
L0000429	0	0.28946E-04	370469.5	3809838.5	488.0	5.00	4.65	
4.65	YES	NO						
L0000430	0	0.28946E-04	370460.9	3809833.5	488.1	5.00	4.65	
4.65	YES	NO						
L0000431	0	0.28946E-04	370452.2	3809828.5	488.2	5.00	4.65	
4.65	YES	NO						

```
 L0000432         0   0.28946E-04  370443.5 3809823.6   488.2     5.00     4.65
4.65     YES                    NO
 L0000433         0   0.28946E-04  370434.8 3809818.6   488.3     5.00     4.65
4.65     YES                    NO
 L0000434         0   0.28946E-04  370429.4 3809812.0   488.4     5.00     4.65
4.65     YES                    NO
 L0000435         0   0.28946E-04  370430.9 3809802.1   488.8     5.00     4.65
4.65     YES                    NO
 L0000436         0   0.28946E-04  370432.5 3809792.2   489.1     5.00     4.65
4.65     YES                    NO
 L0000437         0   0.28946E-04  370434.0 3809782.4   489.5     5.00     4.65
4.65     YES                    NO
 L0000438         0   0.28946E-04  370435.5 3809772.5   489.8     5.00     4.65
4.65     YES                    NO
 L0000439         0   0.28946E-04  370437.0 3809762.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000440         0   0.28946E-04  370438.5 3809752.7   490.5     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000441         0   0.28946E-04  370440.0 3809742.8   490.9     5.00     4.65
4.65     YES                    NO
 L0000442         0   0.28946E-04  370441.5 3809732.9   491.2     5.00     4.65
4.65     YES                    NO
 L0000443         0   0.28946E-04  370443.0 3809723.0   491.5     5.00     4.65
4.65     YES                    NO
 L0000444         0   0.28946E-04  370444.5 3809713.2   491.9     5.00     4.65
4.65     YES                    NO
 L0000445         0   0.28946E-04  370446.0 3809703.3   492.2     5.00     4.65
4.65     YES                    NO
 L0000446         0   0.28946E-04  370447.5 3809693.4   492.6     5.00     4.65
4.65     YES                    NO
```

L0000447	0	0.28946E-04	370449.0	3809683.5	492.9	5.00	4.65	
4.65	YES	NO						
L0000448	0	0.28946E-04	370450.5	3809673.6	493.2	5.00	4.65	
4.65	YES	NO						
L0000449	0	0.28946E-04	370452.0	3809663.7	493.6	5.00	4.65	
4.65	YES	NO						
L0000450	0	0.28946E-04	370453.5	3809653.8	493.9	5.00	4.65	
4.65	YES	NO						
L0000451	0	0.28946E-04	370455.0	3809644.0	494.3	5.00	4.65	
4.65	YES	NO						
L0000452	0	0.28946E-04	370456.6	3809634.1	494.6	5.00	4.65	
4.65	YES	NO						
L0000453	0	0.28946E-04	370459.9	3809625.4	494.9	5.00	4.65	
4.65	YES	NO						
L0000454	0	0.28946E-04	370468.2	3809619.8	495.1	5.00	4.65	
4.65	YES	NO						
L0000455	0	0.28946E-04	370476.5	3809614.3	495.2	5.00	4.65	
4.65	YES	NO						
L0000456	0	0.28946E-04	370484.9	3809608.7	495.4	5.00	4.65	
4.65	YES	NO						
L0000457	0	0.28946E-04	370493.2	3809603.2	495.6	5.00	4.65	
4.65	YES	NO						
L0000458	0	0.28946E-04	370501.5	3809597.6	495.7	5.00	4.65	
4.65	YES	NO						
L0000459	0	0.28946E-04	370509.8	3809592.1	495.9	5.00	4.65	
4.65	YES	NO						
L0000460	0	0.28946E-04	370518.2	3809586.5	496.1	5.00	4.65	
4.65	YES	NO						
L0000461	0	0.28946E-04	370526.5	3809581.0	496.2	5.00	4.65	
4.65	YES	NO						
L0000462	0	0.28946E-04	370534.8	3809575.4	496.4	5.00	4.65	
4.65	YES	NO						
L0000463	0	0.28946E-04	370543.1	3809569.9	496.6	5.00	4.65	
4.65	YES	NO						
L0000464	0	0.28946E-04	370551.4	3809564.3	496.7	5.00	4.65	
4.65	YES	NO						
L0000465	0	0.28946E-04	370559.8	3809558.8	496.9	5.00	4.65	
4.65	YES	NO						
L0000466	0	0.28946E-04	370568.1	3809553.3	497.1	5.00	4.65	
4.65	YES	NO						
L0000467	0	0.28946E-04	370576.4	3809547.7	497.2	5.00	4.65	
4.65	YES	NO						
L0000468	0	0.28946E-04	370584.7	3809542.2	497.4	5.00	4.65	
4.65	YES	NO						
L0000469	0	0.28946E-04	370593.0	3809536.6	497.6	5.00	4.65	
4.65	YES	NO						
L0000470	0	0.28946E-04	370601.4	3809531.1	497.7	5.00	4.65	
4.65	YES	NO						
L0000471	0	0.28946E-04	370609.7	3809525.5	497.9	5.00	4.65	
4.65	YES	NO						

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 L0000472         0   0.28946E-04  370618.0 3809520.0   498.1     5.00     4.65
4.65     YES                     NO
 L0000473         0   0.28946E-04  370626.3 3809514.4   498.2     5.00     4.65
4.65     YES                     NO
 L0000474         0   0.28946E-04  370634.6 3809508.9   498.4     5.00     4.65
4.65     YES                     NO
 L0000475         0   0.28946E-04  370643.0 3809503.3   498.5     5.00     4.65
4.65     YES                     NO
 L0000476         0   0.28946E-04  370651.3 3809497.8   498.7     5.00     4.65
4.65     YES                     NO
 L0000477         0   0.28946E-04  370659.6 3809492.2   498.9     5.00     4.65
4.65     YES                     NO
 L0000478         0   0.28946E-04  370667.9 3809486.7   499.0     5.00     4.65
4.65     YES                     NO
 L0000479         0   0.28946E-04  370676.3 3809481.2   499.3     5.00     4.65
4.65     YES                     NO
 L0000480         0   0.28946E-04  370684.6 3809475.7   499.5     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000481         0   0.28946E-04  370692.9 3809470.1   499.7     5.00     4.65
4.65     YES                     NO
 L0000482         0   0.28946E-04  370701.3 3809464.6   499.9     5.00     4.65
4.65     YES                     NO
 L0000483         0   0.28946E-04  370709.6 3809459.1   500.2     5.00     4.65
4.65     YES                     NO
 L0000484         0   0.28946E-04  370718.0 3809453.6   500.4     5.00     4.65
4.65     YES                     NO
 L0000485         0   0.28946E-04  370726.3 3809448.1   500.6     5.00     4.65
4.65     YES                     NO
 L0000486         0   0.28946E-04  370734.6 3809442.5   500.8     5.00     4.65
4.65     YES                     NO
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L0000487	0	0.28946E-04	370743.0	3809437.0	501.1	5.00	4.65	
4.65	YES	NO						
L0000488	0	0.28946E-04	370751.3	3809431.5	501.3	5.00	4.65	
4.65	YES	NO						
L0000489	0	0.28946E-04	370759.7	3809426.0	501.5	5.00	4.65	
4.65	YES	NO						
L0000490	0	0.28946E-04	370768.0	3809420.5	501.7	5.00	4.65	
4.65	YES	NO						
L0000491	0	0.28946E-04	370776.3	3809414.9	501.9	5.00	4.65	
4.65	YES	NO						
L0000492	0	0.28946E-04	370784.7	3809409.4	502.2	5.00	4.65	
4.65	YES	NO						
L0000493	0	0.28946E-04	370789.4	3809402.0	502.4	5.00	4.65	
4.65	YES	NO						
L0000494	0	0.28946E-04	370789.2	3809392.0	502.5	5.00	4.65	
4.65	YES	NO						
L0000495	0	0.28946E-04	370789.0	3809382.0	502.6	5.00	4.65	
4.65	YES	NO						
L0000496	0	0.28946E-04	370788.8	3809372.0	502.8	5.00	4.65	
4.65	YES	NO						
L0000497	0	0.28946E-04	370788.6	3809362.0	502.9	5.00	4.65	
4.65	YES	NO						
L0000498	0	0.28946E-04	370788.4	3809352.0	503.1	5.00	4.65	
4.65	YES	NO						
L0000499	0	0.28946E-04	370788.2	3809342.0	503.2	5.00	4.65	
4.65	YES	NO						
L0000500	0	0.28946E-04	370788.0	3809332.0	503.4	5.00	4.65	
4.65	YES	NO						
L0000501	0	0.28946E-04	370787.8	3809322.0	503.5	5.00	4.65	
4.65	YES	NO						
L0000502	0	0.28946E-04	370783.6	3809314.5	503.4	5.00	4.65	
4.65	YES	NO						
L0000503	0	0.28946E-04	370774.8	3809309.8	502.9	5.00	4.65	
4.65	YES	NO						
L0000504	0	0.28946E-04	370765.9	3809305.1	502.5	5.00	4.65	
4.65	YES	NO						
L0000505	0	0.28946E-04	370757.1	3809300.5	502.1	5.00	4.65	
4.65	YES	NO						
L0000506	0	0.28946E-04	370758.5	3809295.1	502.1	5.00	4.65	
4.65	YES	NO						
L0000507	0	0.28946E-04	370766.8	3809289.7	502.3	5.00	4.65	
4.65	YES	NO						
L0000508	0	0.28946E-04	370776.8	3809290.2	502.6	5.00	4.65	
4.65	YES	NO						
L0000509	0	0.28946E-04	370786.7	3809290.7	502.8	5.00	4.65	
4.65	YES	NO						
L0000510	0	0.28946E-04	370796.7	3809291.1	503.1	5.00	4.65	
4.65	YES	NO						
L0000511	0	0.28946E-04	370806.7	3809291.7	503.4	5.00	4.65	
4.65	YES	NO						

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 L0000512         0   0.28946E-04  370816.7 3809292.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000513         0   0.28946E-04  370826.7 3809293.2   504.3     5.00     4.65
4.65     YES                    NO
 L0000514         0   0.28946E-04  370836.6 3809293.9   504.7     5.00     4.65
4.65     YES                    NO
 L0000515         0   0.28946E-04  370846.6 3809294.6   505.2     5.00     4.65
4.65     YES                    NO
 L0000516         0   0.28946E-04  370856.3 3809296.5   505.4     5.00     4.65
4.65     YES                    NO
 L0000517         0   0.28946E-04  370865.8 3809299.8   505.3     5.00     4.65
4.65     YES                    NO
 L0000518         0   0.28946E-04  370875.2 3809303.2   505.3     5.00     4.65
4.65     YES                    NO
 L0000519         0   0.28946E-04  370883.8 3809307.6   505.1     5.00     4.65
4.65     YES                    NO
 L0000520         0   0.28946E-04  370889.0 3809316.1   504.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000521         0   0.28946E-04  370894.2 3809324.6   504.1     5.00     4.65
4.65     YES                    NO
 L0000522         0   0.28946E-04  370899.4 3809333.2   503.6     5.00     4.65
4.65     YES                    NO
 L0000523         0   0.28946E-04  370904.6 3809341.7   503.1     5.00     4.65
4.65     YES                    NO
 L0000524         0   0.28946E-04  370909.8 3809350.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000525         0   0.28946E-04  370915.2 3809358.7   502.6     5.00     4.65
4.65     YES                    NO
 L0000526         0   0.28946E-04  370920.7 3809366.8   502.4     5.00     4.65
4.65     YES                    NO
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L0000527	0	0.28946E-04	370930.7	3809367.3	502.1	5.00	4.65	
4.65	YES		NO					
L0000528	0	0.28946E-04	370940.7	3809367.9	501.8	5.00	4.65	
4.65	YES		NO					
L0000529	0	0.28946E-04	370950.7	3809368.4	501.6	5.00	4.65	
4.65	YES		NO					
L0000530	0	0.28946E-04	370955.0	3809374.8	501.4	5.00	4.65	
4.65	YES		NO					
L0000531	0	0.28946E-04	370955.8	3809384.8	501.2	5.00	4.65	
4.65	YES		NO					
L0000532	0	0.28946E-04	370956.6	3809394.7	501.1	5.00	4.65	
4.65	YES		NO					
L0000533	0	0.28946E-04	370957.4	3809404.7	500.9	5.00	4.65	
4.65	YES		NO					
L0000534	0	0.28946E-04	370959.3	3809413.4	500.8	5.00	4.65	
4.65	YES		NO					
L0000535	0	0.28946E-04	370969.3	3809413.4	500.7	5.00	4.65	
4.65	YES		NO					
L0000536	0	0.28946E-04	370979.3	3809413.4	500.7	5.00	4.65	
4.65	YES		NO					
L0000537	0	0.28946E-04	370989.3	3809413.4	500.6	5.00	4.65	
4.65	YES		NO					
L0000538	0	0.28946E-04	370999.3	3809413.4	500.6	5.00	4.65	
4.65	YES		NO					
L0000539	0	0.28946E-04	371009.3	3809413.4	500.5	5.00	4.65	
4.65	YES		NO					
L0000540	0	0.28946E-04	371019.3	3809413.4	500.5	5.00	4.65	
4.65	YES		NO					
L0000541	0	0.28946E-04	371029.3	3809413.4	500.4	5.00	4.65	
4.65	YES		NO					
L0000542	0	0.28946E-04	371039.3	3809413.4	500.4	5.00	4.65	
4.65	YES		NO					
L0000543	0	0.28946E-04	371049.3	3809413.4	500.3	5.00	4.65	
4.65	YES		NO					
L0000544	0	0.28946E-04	371059.3	3809413.4	500.3	5.00	4.65	
4.65	YES		NO					
L0000545	0	0.28946E-04	371069.3	3809413.4	500.2	5.00	4.65	
4.65	YES		NO					
L0000546	0	0.28946E-04	371079.3	3809413.4	500.2	5.00	4.65	
4.65	YES		NO					
L0000547	0	0.28946E-04	371089.3	3809413.4	500.1	5.00	4.65	
4.65	YES		NO					
L0000548	0	0.28946E-04	371099.3	3809413.4	500.1	5.00	4.65	
4.65	YES		NO					
L0000549	0	0.28946E-04	371109.3	3809413.4	500.0	5.00	4.65	
4.65	YES		NO					
L0000550	0	0.28946E-04	371119.3	3809413.4	500.0	5.00	4.65	
4.65	YES		NO					
L0000551	0	0.28946E-04	371129.3	3809413.4	499.9	5.00	4.65	
4.65	YES		NO					

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 L0000552         0   0.28946E-04  371130.4 3809422.5   499.8     5.00     4.65
4.65     YES                    NO
 L0000553         0   0.28946E-04  371130.5 3809432.5   499.8     5.00     4.65
4.65     YES                    NO
 L0000554         0   0.28946E-04  371130.7 3809442.5   499.7     5.00     4.65
4.65     YES                    NO
 L0000555         0   0.28946E-04  371130.8 3809452.5   499.6     5.00     4.65
4.65     YES                    NO
 L0000556         0   0.28946E-04  371131.0 3809462.5   499.5     5.00     4.65
4.65     YES                    NO
 L0000557         0   0.28946E-04  371131.1 3809472.5   499.4     5.00     4.65
4.65     YES                    NO
 L0000558         0   0.28946E-04  371131.3 3809482.5   499.3     5.00     4.65
4.65     YES                    NO
 L0000559         0   0.28946E-04  371131.5 3809492.5   499.2     5.00     4.65
4.65     YES                    NO
 L0000560         0   0.28946E-04  371131.6 3809502.5   499.1     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000561         0   0.28946E-04  371131.8 3809512.5   499.0     5.00     4.65
4.65     YES                    NO
 L0000562         0   0.28946E-04  371131.9 3809522.5   498.9     5.00     4.65
4.65     YES                    NO
 L0000563         0   0.28946E-04  371132.1 3809532.5   498.8     5.00     4.65
4.65     YES                    NO
 L0000564         0   0.28946E-04  371132.2 3809542.5   498.7     5.00     4.65
4.65     YES                    NO
 L0000565         0   0.28946E-04  371132.4 3809552.5   498.6     5.00     4.65
4.65     YES                    NO
 L0000566         0   0.28946E-04  371132.5 3809562.5   498.5     5.00     4.65
4.65     YES                    NO
```

L0000567	0	0.28946E-04	371132.7	3809572.5	498.4	5.00	4.65	
4.65	YES	NO						
L0000568	0	0.28946E-04	371132.9	3809582.5	498.3	5.00	4.65	
4.65	YES	NO						
L0000569	0	0.28946E-04	371133.0	3809592.5	498.2	5.00	4.65	
4.65	YES	NO						
L0000570	0	0.28946E-04	371133.2	3809602.5	498.1	5.00	4.65	
4.65	YES	NO						
L0000571	0	0.28946E-04	371133.3	3809612.5	498.0	5.00	4.65	
4.65	YES	NO						
L0000572	0	0.28946E-04	371133.5	3809622.5	497.9	5.00	4.65	
4.65	YES	NO						
L0000573	0	0.28946E-04	371133.6	3809632.5	497.8	5.00	4.65	
4.65	YES	NO						
L0000574	0	0.28946E-04	371133.8	3809642.5	497.7	5.00	4.65	
4.65	YES	NO						
L0000575	0	0.28946E-04	371134.0	3809652.5	497.6	5.00	4.65	
4.65	YES	NO						
L0000576	0	0.28946E-04	371134.1	3809662.5	497.5	5.00	4.65	
4.65	YES	NO						
L0000577	0	0.28946E-04	371134.3	3809672.5	497.4	5.00	4.65	
4.65	YES	NO						
L0000578	0	0.28946E-04	371134.4	3809682.5	497.3	5.00	4.65	
4.65	YES	NO						
L0000579	0	0.28946E-04	371134.6	3809692.5	497.2	5.00	4.65	
4.65	YES	NO						
L0000580	0	0.28946E-04	371134.7	3809702.5	497.1	5.00	4.65	
4.65	YES	NO						
L0000581	0	0.28946E-04	371134.9	3809712.5	497.0	5.00	4.65	
4.65	YES	NO						
L0000582	0	0.28946E-04	371135.0	3809722.5	496.9	5.00	4.65	
4.65	YES	NO						
L0000583	0	0.28946E-04	371135.2	3809732.5	496.9	5.00	4.65	
4.65	YES	NO						
L0000584	0	0.28946E-04	371135.4	3809742.5	496.8	5.00	4.65	
4.65	YES	NO						
L0000585	0	0.28946E-04	371135.5	3809752.5	496.7	5.00	4.65	
4.65	YES	NO						
L0000586	0	0.28946E-04	371135.7	3809762.5	496.6	5.00	4.65	
4.65	YES	NO						
L0000587	0	0.28946E-04	371135.8	3809772.5	496.5	5.00	4.65	
4.65	YES	NO						
L0000588	0	0.28946E-04	371136.0	3809782.5	496.4	5.00	4.65	
4.65	YES	NO						
L0000589	0	0.28946E-04	371136.1	3809792.5	496.3	5.00	4.65	
4.65	YES	NO						
L0000590	0	0.28946E-04	371136.3	3809802.5	496.2	5.00	4.65	
4.65	YES	NO						
L0000591	0	0.28946E-04	371136.4	3809812.5	496.1	5.00	4.65	
4.65	YES	NO						

```
 L0000592         0   0.28946E-04  371136.6 3809822.5   496.0     5.00     4.65
4.65     YES                     NO
 L0000593         0   0.28946E-04  371136.8 3809832.5   495.9     5.00     4.65
4.65     YES                     NO
 L0000594         0   0.28946E-04  371136.9 3809842.5   495.8     5.00     4.65
4.65     YES                     NO
 L0000595         0   0.28946E-04  371137.1 3809852.5   495.7     5.00     4.65
4.65     YES                     NO
 L0000596         0   0.28946E-04  371137.2 3809862.5   495.6     5.00     4.65
4.65     YES                     NO
 L0000597         0   0.28946E-04  371137.4 3809872.5   495.5     5.00     4.65
4.65     YES                     NO
 L0000598         0   0.28946E-04  371137.5 3809882.4   495.4     5.00     4.65
4.65     YES                     NO
 L0000599         0   0.28946E-04  371137.7 3809892.4   495.3     5.00     4.65
4.65     YES                     NO
 L0000600         0   0.28946E-04  371137.8 3809902.4   495.2     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000601         0   0.28946E-04  371138.0 3809912.4   495.1     5.00     4.65
4.65     YES                     NO
 L0000602         0   0.28946E-04  371138.2 3809922.4   495.0     5.00     4.65
4.65     YES                     NO
 L0000603         0   0.28946E-04  371138.3 3809932.4   494.9     5.00     4.65
4.65     YES                     NO
 L0000604         0   0.28946E-04  371138.5 3809942.4   494.8     5.00     4.65
4.65     YES                     NO
 L0000605         0   0.28946E-04  371138.6 3809952.4   494.7     5.00     4.65
4.65     YES                     NO
 L0000606         0   0.28946E-04  371138.8 3809962.4   494.6     5.00     4.65
4.65     YES                     NO
```

L0000607	0	0.28946E-04	371138.9	3809972.4	494.5	5.00	4.65	
4.65	YES		NO					
L0000608	0	0.28946E-04	371139.1	3809982.4	494.4	5.00	4.65	
4.65	YES		NO					
L0000609	0	0.28946E-04	371136.0	3809988.6	494.4	5.00	4.65	
4.65	YES		NO					
L0000610	0	0.28946E-04	371126.1	3809986.9	494.5	5.00	4.65	
4.65	YES		NO					
L0000611	0	0.28946E-04	371116.3	3809985.1	494.6	5.00	4.65	
4.65	YES		NO					
L0000612	0	0.28946E-04	371106.4	3809983.4	494.8	5.00	4.65	
4.65	YES		NO					
L0000613	0	0.28946E-04	371096.6	3809981.7	494.9	5.00	4.65	
4.65	YES		NO					
L0000614	0	0.28946E-04	371086.7	3809980.0	495.0	5.00	4.65	
4.65	YES		NO					
L0000615	0	0.28946E-04	371076.9	3809978.2	495.1	5.00	4.65	
4.65	YES		NO					
L0000616	0	0.28946E-04	371067.0	3809976.5	495.2	5.00	4.65	
4.65	YES		NO					
L0000617	0	0.28946E-04	371057.2	3809974.8	495.3	5.00	4.65	
4.65	YES		NO					
L0000618	0	0.28946E-04	371047.3	3809973.1	495.4	5.00	4.65	
4.65	YES		NO					
L0000619	0	0.28946E-04	371037.5	3809971.3	495.6	5.00	4.65	
4.65	YES		NO					
L0000620	0	0.28946E-04	371027.6	3809969.6	495.7	5.00	4.65	
4.65	YES		NO					
L0000621	0	0.28946E-04	371017.8	3809967.9	495.8	5.00	4.65	
4.65	YES		NO					
L0000622	0	0.28946E-04	371007.9	3809966.2	495.9	5.00	4.65	
4.65	YES		NO					
L0000623	0	0.28946E-04	370998.1	3809964.4	496.0	5.00	4.65	
4.65	YES		NO					
L0000624	0	0.28946E-04	370988.2	3809962.7	496.1	5.00	4.65	
4.65	YES		NO					
L0000625	0	0.28946E-04	370978.4	3809961.0	496.3	5.00	4.65	
4.65	YES		NO					
L0000626	0	0.28946E-04	370968.5	3809959.3	496.4	5.00	4.65	
4.65	YES		NO					
L0000627	0	0.28946E-04	370958.7	3809957.5	496.5	5.00	4.65	
4.65	YES		NO					
L0000628	0	0.28946E-04	370948.8	3809955.8	496.6	5.00	4.65	
4.65	YES		NO					
L0000629	0	0.28946E-04	370939.0	3809954.1	496.7	5.00	4.65	
4.65	YES		NO					
L0000630	0	0.28946E-04	370929.1	3809952.4	496.8	5.00	4.65	
4.65	YES		NO					
L0000631	0	0.28946E-04	370919.3	3809950.6	496.9	5.00	4.65	
4.65	YES		NO					

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 L0000632         0   0.28946E-04  370909.4 3809948.9   497.1     5.00     4.65
4.65     YES                    NO
 L0000633         0   0.28946E-04  370899.6 3809947.2   497.2     5.00     4.65
4.65     YES                    NO
 L0000634         0   0.28946E-04  370889.7 3809945.5   497.3     5.00     4.65
4.65     YES                    NO
 L0000635         0   0.28946E-04  370879.9 3809943.7   497.4     5.00     4.65
4.65     YES                    NO
 L0000636         0   0.28946E-04  370870.0 3809942.0   497.5     5.00     4.65
4.65     YES                    NO
 L0000637         0   0.28946E-04  370860.2 3809940.3   497.7     5.00     4.65
4.65     YES                    NO
 L0000638         0   0.28946E-04  370850.3 3809938.6   497.8     5.00     4.65
4.65     YES                    NO
 L0000639         0   0.28946E-04  370840.5 3809936.8   497.9     5.00     4.65
4.65     YES                    NO
 L0000640         0   0.28946E-04  370830.6 3809935.1   498.0     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000641         0   0.28946E-04  370820.8 3809933.4   498.1     5.00     4.65
4.65     YES                    NO
 L0000642         0   0.28946E-04  370810.9 3809931.7   498.2     5.00     4.65
4.65     YES                    NO
 L0000643         0   0.28946E-04  370801.1 3809929.9   498.3     5.00     4.65
4.65     YES                    NO
 L0000644         0   0.28946E-04  370791.2 3809928.2   498.5     5.00     4.65
4.65     YES                    NO
 L0000645         0   0.28946E-04  370781.4 3809926.5   498.6     5.00     4.65
4.65     YES                    NO
 L0000646         0   0.28946E-04  370771.5 3809924.8   498.7     5.00     4.65
4.65     YES                    NO
```

L0000647	0	0.28946E-04	370761.7	3809923.0	498.8	5.00	4.65	
4.65	YES	NO						
L0000648	0	0.28946E-04	370751.8	3809921.3	498.9	5.00	4.65	
4.65	YES	NO						
L0000649	0	0.28946E-04	370741.9	3809919.9	498.5	5.00	4.65	
4.65	YES	NO						
L0000650	0	0.28946E-04	370732.0	3809918.6	498.0	5.00	4.65	
4.65	YES	NO						
L0000651	0	0.28946E-04	370722.1	3809917.3	497.5	5.00	4.65	
4.65	YES	NO						
L0000652	0	0.28946E-04	370712.2	3809915.9	496.9	5.00	4.65	
4.65	YES	NO						
L0000653	0	0.28946E-04	370702.3	3809914.6	496.4	5.00	4.65	
4.65	YES	NO						
L0000654	0	0.28946E-04	370692.4	3809913.3	495.9	5.00	4.65	
4.65	YES	NO						
L0000655	0	0.28946E-04	370682.4	3809911.9	495.4	5.00	4.65	
4.65	YES	NO						
L0000656	0	0.28946E-04	370672.5	3809910.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000657	0	0.28946E-04	370662.6	3809909.3	494.3	5.00	4.65	
4.65	YES	NO						
L0000658	0	0.28946E-04	370652.7	3809907.9	493.8	5.00	4.65	
4.65	YES	NO						
L0000659	0	0.28946E-04	370642.8	3809906.6	493.3	5.00	4.65	
4.65	YES	NO						
L0000660	0	0.28946E-04	370632.9	3809905.3	492.8	5.00	4.65	
4.65	YES	NO						
L0000661	0	0.28946E-04	370623.0	3809903.9	492.3	5.00	4.65	
4.65	YES	NO						
L0000662	0	0.28946E-04	370613.1	3809902.6	491.7	5.00	4.65	
4.65	YES	NO						
L0000663	0	0.28946E-04	370603.2	3809901.3	491.2	5.00	4.65	
4.65	YES	NO						
L0000664	0	0.28946E-04	370593.3	3809899.9	490.7	5.00	4.65	
4.65	YES	NO						
L0000665	0	0.28946E-04	370583.3	3809898.6	490.2	5.00	4.65	
4.65	YES	NO						
L0000666	0	0.28946E-04	370573.4	3809897.3	489.7	5.00	4.65	
4.65	YES	NO						
L0000667	0	0.28946E-04	370563.5	3809895.9	489.1	5.00	4.65	
4.65	YES	NO						
L0000668	0	0.28946E-04	370553.6	3809894.6	488.6	5.00	4.65	
4.65	YES	NO						
L0000669	0	0.28946E-04	370543.7	3809893.3	488.1	5.00	4.65	
4.65	YES	NO						
L0000670	0	0.28946E-04	370536.5	3809889.5	487.8	5.00	4.65	
4.65	YES	NO						
L0000671	0	0.28946E-04	370536.1	3809879.5	488.1	5.00	4.65	
4.65	YES	NO						

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 L0000672         0   0.28946E-04  370535.7 3809869.5   488.4     5.00     4.65
4.65     YES                    NO
 L0000673         0   0.28946E-04  370535.3 3809859.5   488.7     5.00     4.65
4.65     YES                    NO
 L0000674         0   0.28946E-04  370534.9 3809849.5   489.0     5.00     4.65
4.65     YES                    NO
 L0000675         0   0.28946E-04  370528.2 3809843.0   489.1     5.00     4.65
4.65     YES                    NO
 L0000676         0   0.28946E-04  370520.0 3809837.4   489.2     5.00     4.65
4.65     YES                    NO
 L0000677         0   0.28946E-04  370511.7 3809831.7   489.2     5.00     4.65
4.65     YES                    NO
 L0000678         0   0.28946E-04  370503.5 3809826.1   489.3     5.00     4.65
4.65     YES                    NO
 L0000679         0   0.28946E-04  370495.2 3809820.4   489.3     5.00     4.65
4.65     YES                    NO
 L0000680         0   0.28946E-04  370486.9 3809814.8   489.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000681         0   0.28946E-04  370478.7 3809809.2   489.4     5.00     4.65
4.65     YES                    NO
 L0000682         0   0.28946E-04  370470.4 3809803.5   489.4     5.00     4.65
4.65     YES                    NO
 L0000683         0   0.28946E-04  370462.2 3809797.9   489.5     5.00     4.65
4.65     YES                    NO
 L0000684         0   0.28946E-04  370462.3 3809788.4   489.7     5.00     4.65
4.65     YES                    NO
 L0000685         0   0.28946E-04  370463.6 3809778.5   490.0     5.00     4.65
4.65     YES                    NO
 L0000686         0   0.28946E-04  370464.8 3809768.6   490.2     5.00     4.65
4.65     YES                    NO
```

L0000687	0	0.28946E-04	370466.1	3809758.7	490.4	5.00	4.65	
4.65	YES	NO						
L0000688	0	0.28946E-04	370467.3	3809748.7	490.7	5.00	4.65	
4.65	YES	NO						
L0000689	0	0.28946E-04	370468.5	3809738.8	490.9	5.00	4.65	
4.65	YES	NO						
L0000690	0	0.28946E-04	370469.8	3809728.9	491.2	5.00	4.65	
4.65	YES	NO						
L0000691	0	0.28946E-04	370471.0	3809719.0	491.4	5.00	4.65	
4.65	YES	NO						
L0000692	0	0.28946E-04	370472.3	3809709.1	491.7	5.00	4.65	
4.65	YES	NO						
L0000693	0	0.28946E-04	370473.5	3809699.1	491.9	5.00	4.65	
4.65	YES	NO						
L0000694	0	0.28946E-04	370474.7	3809689.2	492.2	5.00	4.65	
4.65	YES	NO						
L0000695	0	0.28946E-04	370476.0	3809679.3	492.4	5.00	4.65	
4.65	YES	NO						
L0000696	0	0.28946E-04	370477.2	3809669.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000697	0	0.28946E-04	370478.5	3809659.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000698	0	0.28946E-04	370482.7	3809651.4	493.1	5.00	4.65	
4.65	YES	NO						
L0000699	0	0.28946E-04	370491.0	3809645.8	493.3	5.00	4.65	
4.65	YES	NO						
L0000700	0	0.28946E-04	370499.3	3809640.2	493.6	5.00	4.65	
4.65	YES	NO						
L0000701	0	0.28946E-04	370507.6	3809634.6	493.8	5.00	4.65	
4.65	YES	NO						
L0000702	0	0.28946E-04	370515.9	3809629.0	494.0	5.00	4.65	
4.65	YES	NO						
L0000703	0	0.28946E-04	370524.2	3809623.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000704	0	0.28946E-04	370532.5	3809617.8	494.4	5.00	4.65	
4.65	YES	NO						
L0000705	0	0.28946E-04	370540.7	3809612.2	494.7	5.00	4.65	
4.65	YES	NO						
L0000706	0	0.28946E-04	370549.0	3809606.6	494.9	5.00	4.65	
4.65	YES	NO						
L0000707	0	0.28946E-04	370557.3	3809601.0	495.1	5.00	4.65	
4.65	YES	NO						
L0000708	0	0.28946E-04	370565.6	3809595.4	495.3	5.00	4.65	
4.65	YES	NO						
L0000709	0	0.28946E-04	370573.9	3809589.8	495.5	5.00	4.65	
4.65	YES	NO						
L0000710	0	0.28946E-04	370582.2	3809584.2	495.8	5.00	4.65	
4.65	YES	NO						
L0000711	0	0.28946E-04	370590.5	3809578.6	496.0	5.00	4.65	
4.65	YES	NO						

```
 L0000712         0   0.28946E-04  370598.7 3809573.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000713         0   0.28946E-04  370607.0 3809567.4   496.4     5.00     4.65
4.65     YES                    NO
 L0000714         0   0.28946E-04  370615.3 3809561.8   496.6     5.00     4.65
4.65     YES                    NO
 L0000715         0   0.28946E-04  370623.6 3809556.2   496.9     5.00     4.65
4.65     YES                    NO
 L0000716         0   0.28946E-04  370631.9 3809550.6   497.1     5.00     4.65
4.65     YES                    NO
 L0000717         0   0.28946E-04  370640.2 3809545.0   497.3     5.00     4.65
4.65     YES                    NO
 L0000718         0   0.28946E-04  370648.5 3809539.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000719         0   0.28946E-04  370656.8 3809533.8   497.7     5.00     4.65
4.65     YES                    NO
 L0000720         0   0.28946E-04  370665.0 3809528.2   498.0     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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- - - - - - - - - - - - - - - - - - - - - - -

 L0000721         0   0.28946E-04  370673.3 3809522.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000722         0   0.28946E-04  370681.6 3809517.1   498.4     5.00     4.65
4.65     YES                    NO
 L0000723         0   0.28946E-04  370689.9 3809511.5   498.6     5.00     4.65
4.65     YES                    NO
 L0000724         0   0.28946E-04  370698.2 3809505.9   498.8     5.00     4.65
4.65     YES                    NO
 L0000725         0   0.28946E-04  370706.5 3809500.3   499.1     5.00     4.65
4.65     YES                    NO
 L0000726         0   0.28946E-04  370714.8 3809494.7   499.3     5.00     4.65
4.65     YES                    NO
```

L0000727	0	0.28946E-04	370723.1	3809489.1	499.5	5.00	4.65	
4.65	YES	NO						
L0000728	0	0.28946E-04	370731.3	3809483.5	499.7	5.00	4.65	
4.65	YES	NO						
L0000729	0	0.28946E-04	370739.6	3809477.9	499.9	5.00	4.65	
4.65	YES	NO						
L0000730	0	0.28946E-04	370747.9	3809472.3	500.2	5.00	4.65	
4.65	YES	NO						
L0000731	0	0.28946E-04	370756.2	3809466.7	500.4	5.00	4.65	
4.65	YES	NO						
L0000732	0	0.28946E-04	370764.9	3809461.8	500.7	5.00	4.65	
4.65	YES	NO						
L0000733	0	0.28946E-04	370773.6	3809456.8	501.0	5.00	4.65	
4.65	YES	NO						
L0000734	0	0.28946E-04	370782.3	3809451.9	501.4	5.00	4.65	
4.65	YES	NO						
L0000735	0	0.28946E-04	370791.0	3809446.9	501.7	5.00	4.65	
4.65	YES	NO						
L0000736	0	0.28946E-04	370799.7	3809441.9	502.0	5.00	4.65	
4.65	YES	NO						
L0000737	0	0.28946E-04	370805.7	3809435.4	502.3	5.00	4.65	
4.65	YES	NO						
L0000738	0	0.28946E-04	370805.9	3809425.4	502.5	5.00	4.65	
4.65	YES	NO						
L0000739	0	0.28946E-04	370806.0	3809415.4	502.7	5.00	4.65	
4.65	YES	NO						
L0000740	0	0.28946E-04	370806.2	3809405.4	502.9	5.00	4.65	
4.65	YES	NO						
L0000741	0	0.28946E-04	370806.4	3809395.4	503.1	5.00	4.65	
4.65	YES	NO						
L0000742	0	0.28946E-04	370806.6	3809385.4	503.3	5.00	4.65	
4.65	YES	NO						
L0000743	0	0.28946E-04	370806.8	3809375.4	503.5	5.00	4.65	
4.65	YES	NO						
L0000744	0	0.28946E-04	370807.0	3809365.4	503.7	5.00	4.65	
4.65	YES	NO						
L0000745	0	0.28946E-04	370807.2	3809355.4	503.9	5.00	4.65	
4.65	YES	NO						
L0000746	0	0.28946E-04	370807.4	3809345.4	504.1	5.00	4.65	
4.65	YES	NO						
L0000747	0	0.28946E-04	370811.1	3809336.1	504.2	5.00	4.65	
4.65	YES	NO						
L0000748	0	0.28946E-04	370814.8	3809326.8	504.3	5.00	4.65	
4.65	YES	NO						
L0000749	0	0.28946E-04	370819.0	3809318.5	504.4	5.00	4.65	
4.65	YES	NO						
L0000750	0	0.28946E-04	370828.9	3809320.0	504.5	5.00	4.65	
4.65	YES	NO						
L0000751	0	0.28946E-04	370838.8	3809321.5	504.6	5.00	4.65	
4.65	YES	NO						

```
 L0000752         0   0.28946E-04  370848.7 3809323.0   504.7     5.00     4.65
4.65     YES                     NO
 L0000753         0   0.28946E-04  370856.3 3809327.8   504.7     5.00     4.65
4.65     YES                     NO
 L0000754         0   0.28946E-04  370861.3 3809336.4   504.5     5.00     4.65
4.65     YES                     NO
 L0000755         0   0.28946E-04  370866.3 3809345.1   504.2     5.00     4.65
4.65     YES                     NO
 L0000756         0   0.28946E-04  370871.3 3809353.8   504.0     5.00     4.65
4.65     YES                     NO
 L0000757         0   0.28946E-04  370876.3 3809362.4   503.8     5.00     4.65
4.65     YES                     NO
 L0000758         0   0.28946E-04  370881.3 3809371.1   503.6     5.00     4.65
4.65     YES                     NO
 L0000759         0   0.28946E-04  370886.2 3809379.8   503.4     5.00     4.65
4.65     YES                     NO
 L0000760         0   0.28946E-04  370891.2 3809388.5   503.1     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000761         0   0.28946E-04  370896.3 3809397.1   502.9     5.00     4.65
4.65     YES                     NO
 L0000762         0   0.28946E-04  370901.9 3809405.4   502.6     5.00     4.65
4.65     YES                     NO
 L0000763         0   0.28946E-04  370907.4 3809413.7   502.2     5.00     4.65
4.65     YES                     NO
 L0000764         0   0.28946E-04  370913.0 3809422.0   501.9     5.00     4.65
4.65     YES                     NO
 L0000765         0   0.28946E-04  370918.5 3809430.3   501.5     5.00     4.65
4.65     YES                     NO
 L0000766         0   0.28946E-04  370924.0 3809438.7   501.2     5.00     4.65
4.65     YES                     NO
```

L0000767	0	0.28946E-04	370931.2	3809444.1	500.9	5.00	4.65	
4.65	YES		NO					
L0000768	0	0.28946E-04	370941.2	3809444.5	500.7	5.00	4.65	
4.65	YES		NO					
L0000769	0	0.28946E-04	370951.2	3809445.0	500.5	5.00	4.65	
4.65	YES		NO					
L0000770	0	0.28946E-04	370961.2	3809445.4	500.3	5.00	4.65	
4.65	YES		NO					
L0000771	0	0.28946E-04	370971.2	3809445.8	500.1	5.00	4.65	
4.65	YES		NO					
L0000772	0	0.28946E-04	370981.2	3809446.3	499.9	5.00	4.65	
4.65	YES		NO					
L0000773	0	0.28946E-04	370991.2	3809446.7	499.7	5.00	4.65	
4.65	YES		NO					
L0000774	0	0.28946E-04	371001.2	3809447.2	499.4	5.00	4.65	
4.65	YES		NO					
L0000775	0	0.28946E-04	371011.2	3809447.6	499.2	5.00	4.65	
4.65	YES		NO					
L0000776	0	0.28946E-04	371021.1	3809448.0	499.0	5.00	4.65	
4.65	YES		NO					
L0000777	0	0.28946E-04	371031.1	3809448.5	498.8	5.00	4.65	
4.65	YES		NO					
L0000778	0	0.28946E-04	371041.1	3809448.9	498.6	5.00	4.65	
4.65	YES		NO					
L0000779	0	0.28946E-04	371051.1	3809449.4	498.4	5.00	4.65	
4.65	YES		NO					
L0000780	0	0.28946E-04	371061.1	3809449.8	498.2	5.00	4.65	
4.65	YES		NO					
L0000781	0	0.28946E-04	371071.1	3809450.2	498.0	5.00	4.65	
4.65	YES		NO					
L0000782	0	0.28946E-04	371081.1	3809450.7	497.8	5.00	4.65	
4.65	YES		NO					
L0000783	0	0.28946E-04	371090.8	3809451.4	497.6	5.00	4.65	
4.65	YES		NO					
L0000784	0	0.28946E-04	371090.9	3809461.4	497.5	5.00	4.65	
4.65	YES		NO					
L0000785	0	0.28946E-04	371091.1	3809471.4	497.3	5.00	4.65	
4.65	YES		NO					
L0000786	0	0.28946E-04	371091.2	3809481.4	497.2	5.00	4.65	
4.65	YES		NO					
L0000787	0	0.28946E-04	371091.3	3809491.4	497.1	5.00	4.65	
4.65	YES		NO					
L0000788	0	0.28946E-04	371091.5	3809501.4	497.0	5.00	4.65	
4.65	YES		NO					
L0000789	0	0.28946E-04	371091.6	3809511.4	496.8	5.00	4.65	
4.65	YES		NO					
L0000790	0	0.28946E-04	371091.8	3809521.4	496.7	5.00	4.65	
4.65	YES		NO					
L0000791	0	0.28946E-04	371091.9	3809531.4	496.6	5.00	4.65	
4.65	YES		NO					

```
 L0000792         0   0.28946E-04  371092.0 3809541.4   496.5     5.00     4.65
4.65     YES                     NO
 L0000793         0   0.28946E-04  371092.2 3809551.4   496.3     5.00     4.65
4.65     YES                     NO
 L0000794         0   0.28946E-04  371092.3 3809561.4   496.2     5.00     4.65
4.65     YES                     NO
 L0000795         0   0.28946E-04  371092.5 3809571.4   496.1     5.00     4.65
4.65     YES                     NO
 L0000796         0   0.28946E-04  371092.6 3809581.4   495.9     5.00     4.65
4.65     YES                     NO
 L0000797         0   0.28946E-04  371092.8 3809591.4   495.8     5.00     4.65
4.65     YES                     NO
 L0000798         0   0.28946E-04  371092.9 3809601.4   495.7     5.00     4.65
4.65     YES                     NO
 L0000799         0   0.28946E-04  371093.0 3809611.4   495.6     5.00     4.65
4.65     YES                     NO
 L0000800         0   0.28946E-04  371093.2 3809621.4   495.4     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0000801         0   0.28946E-04  371093.3 3809631.4   495.3     5.00     4.65
4.65     YES                     NO
 L0000802         0   0.28946E-04  371093.5 3809641.4   495.2     5.00     4.65
4.65     YES                     NO
 L0000803         0   0.28946E-04  371093.6 3809651.4   495.1     5.00     4.65
4.65     YES                     NO
 L0000804         0   0.28946E-04  371093.7 3809661.4   494.9     5.00     4.65
4.65     YES                     NO
 L0000805         0   0.28946E-04  371093.9 3809671.4   494.8     5.00     4.65
4.65     YES                     NO
 L0000806         0   0.28946E-04  371094.0 3809681.4   494.7     5.00     4.65
4.65     YES                     NO
```

L0000807	0	0.28946E-04	371094.2	3809691.4	494.6	5.00	4.65	
4.65	YES	NO						
L0000808	0	0.28946E-04	371094.3	3809701.4	494.4	5.00	4.65	
4.65	YES	NO						
L0000809	0	0.28946E-04	371094.4	3809711.4	494.3	5.00	4.65	
4.65	YES	NO						
L0000810	0	0.28946E-04	371094.6	3809721.4	494.2	5.00	4.65	
4.65	YES	NO						
L0000811	0	0.28946E-04	371094.7	3809731.4	494.1	5.00	4.65	
4.65	YES	NO						
L0000812	0	0.28946E-04	371094.9	3809741.4	493.9	5.00	4.65	
4.65	YES	NO						
L0000813	0	0.28946E-04	371095.0	3809751.4	493.8	5.00	4.65	
4.65	YES	NO						
L0000814	0	0.28946E-04	371095.2	3809761.4	493.7	5.00	4.65	
4.65	YES	NO						
L0000815	0	0.28946E-04	371095.3	3809771.4	493.5	5.00	4.65	
4.65	YES	NO						
L0000816	0	0.28946E-04	371095.4	3809781.4	493.4	5.00	4.65	
4.65	YES	NO						
L0000817	0	0.28946E-04	371095.6	3809791.4	493.3	5.00	4.65	
4.65	YES	NO						
L0000818	0	0.28946E-04	371095.7	3809801.4	493.2	5.00	4.65	
4.65	YES	NO						
L0000819	0	0.28946E-04	371095.9	3809811.4	493.0	5.00	4.65	
4.65	YES	NO						
L0000820	0	0.28946E-04	371096.0	3809821.4	492.9	5.00	4.65	
4.65	YES	NO						
L0000821	0	0.28946E-04	371096.1	3809831.4	492.8	5.00	4.65	
4.65	YES	NO						
L0000822	0	0.28946E-04	371096.3	3809841.4	492.7	5.00	4.65	
4.65	YES	NO						
L0000823	0	0.28946E-04	371096.4	3809851.4	492.5	5.00	4.65	
4.65	YES	NO						
L0000824	0	0.28946E-04	371096.6	3809861.4	492.4	5.00	4.65	
4.65	YES	NO						
L0000825	0	0.28946E-04	371096.7	3809871.4	492.3	5.00	4.65	
4.65	YES	NO						
L0000826	0	0.28946E-04	371096.9	3809881.4	492.2	5.00	4.65	
4.65	YES	NO						
L0000827	0	0.28946E-04	371097.0	3809891.4	492.0	5.00	4.65	
4.65	YES	NO						
L0000828	0	0.28946E-04	371097.1	3809901.4	491.9	5.00	4.65	
4.65	YES	NO						
L0000829	0	0.28946E-04	371097.3	3809911.4	491.8	5.00	4.65	
4.65	YES	NO						
L0000830	0	0.28946E-04	371097.4	3809921.4	491.6	5.00	4.65	
4.65	YES	NO						
L0000831	0	0.28946E-04	371097.6	3809931.4	491.5	5.00	4.65	
4.65	YES	NO						

```
 L0000832         0   0.28946E-04  371097.7 3809941.4   491.4     5.00     4.65
4.65     YES                    NO
 L0000833         0   0.28946E-04  371097.8 3809951.4   491.3     5.00     4.65
4.65     YES                    NO
 L0000834         0   0.28946E-04  371095.3 3809958.2   491.2     5.00     4.65
4.65     YES                    NO
 L0000835         0   0.28946E-04  371085.4 3809956.5   491.1     5.00     4.65
4.65     YES                    NO
 L0000836         0   0.28946E-04  371075.6 3809954.8   491.1     5.00     4.65
4.65     YES                    NO
 L0000837         0   0.28946E-04  371065.7 3809953.1   491.0     5.00     4.65
4.65     YES                    NO
 L0000838         0   0.28946E-04  371055.9 3809951.4   491.0     5.00     4.65
4.65     YES                    NO
 L0000839         0   0.28946E-04  371046.0 3809949.7   490.9     5.00     4.65
4.65     YES                    NO
 L0000840         0   0.28946E-04  371036.2 3809947.9   490.9     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000841         0   0.28946E-04  371026.3 3809946.2   490.8     5.00     4.65
4.65     YES                    NO
 L0000842         0   0.28946E-04  371016.5 3809944.5   490.8     5.00     4.65
4.65     YES                    NO
 L0000843         0   0.28946E-04  371006.6 3809942.8   490.7     5.00     4.65
4.65     YES                    NO
 L0000844         0   0.28946E-04  370996.8 3809941.1   490.7     5.00     4.65
4.65     YES                    NO
 L0000845         0   0.28946E-04  370986.9 3809939.4   490.6     5.00     4.65
4.65     YES                    NO
 L0000846         0   0.28946E-04  370977.1 3809937.7   490.6     5.00     4.65
4.65     YES                    NO
```

L0000847	0	0.28946E-04	370967.2	3809936.0	490.5	5.00	4.65	
4.65	YES	NO						
L0000848	0	0.28946E-04	370957.4	3809934.3	490.5	5.00	4.65	
4.65	YES	NO						
L0000849	0	0.28946E-04	370947.5	3809932.6	490.4	5.00	4.65	
4.65	YES	NO						
L0000850	0	0.28946E-04	370937.7	3809930.8	490.4	5.00	4.65	
4.65	YES	NO						
L0000851	0	0.28946E-04	370927.8	3809929.1	490.3	5.00	4.65	
4.65	YES	NO						
L0000852	0	0.28946E-04	370918.0	3809927.4	490.3	5.00	4.65	
4.65	YES	NO						
L0000853	0	0.28946E-04	370908.1	3809925.7	490.2	5.00	4.65	
4.65	YES	NO						
L0000854	0	0.28946E-04	370898.2	3809924.0	490.2	5.00	4.65	
4.65	YES	NO						
L0000855	0	0.28946E-04	370888.4	3809922.3	490.1	5.00	4.65	
4.65	YES	NO						
L0000856	0	0.28946E-04	370878.5	3809920.6	490.1	5.00	4.65	
4.65	YES	NO						
L0000857	0	0.28946E-04	370868.7	3809918.9	490.1	5.00	4.65	
4.65	YES	NO						
L0000858	0	0.28946E-04	370858.8	3809917.2	490.0	5.00	4.65	
4.65	YES	NO						
L0000859	0	0.28946E-04	370849.0	3809915.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000860	0	0.28946E-04	370839.1	3809913.7	489.9	5.00	4.65	
4.65	YES	NO						
L0000861	0	0.28946E-04	370829.3	3809912.0	489.9	5.00	4.65	
4.65	YES	NO						
L0000862	0	0.28946E-04	370819.4	3809910.3	489.8	5.00	4.65	
4.65	YES	NO						
L0000863	0	0.28946E-04	370809.6	3809908.6	489.8	5.00	4.65	
4.65	YES	NO						
L0000864	0	0.28946E-04	370799.7	3809906.9	489.7	5.00	4.65	
4.65	YES	NO						
L0000865	0	0.28946E-04	370789.9	3809905.2	489.7	5.00	4.65	
4.65	YES	NO						
L0000866	0	0.28946E-04	370780.0	3809903.5	489.6	5.00	4.65	
4.65	YES	NO						
L0000867	0	0.28946E-04	370770.2	3809901.8	489.6	5.00	4.65	
4.65	YES	NO						
L0000868	0	0.28946E-04	370760.3	3809900.1	489.5	5.00	4.65	
4.65	YES	NO						
L0000869	0	0.28946E-04	370750.5	3809898.3	489.5	5.00	4.65	
4.65	YES	NO						
L0000870	0	0.28946E-04	370740.6	3809896.6	489.4	5.00	4.65	
4.65	YES	NO						
L0000871	0	0.28946E-04	370730.8	3809894.9	489.4	5.00	4.65	
4.65	YES	NO						

 L0000872   0   0.28946E-04 370720.9 3809893.2   489.3   5.00   4.65
4.65   YES   NO
 L0000873   0   0.28946E-04 370711.0 3809891.5   489.3   5.00   4.65
4.65   YES   NO
 L0000874   0   0.28946E-04 370701.2 3809889.8   489.2   5.00   4.65
4.65   YES   NO
 L0000875   0   0.28946E-04 370691.3 3809888.1   489.2   5.00   4.65
4.65   YES   NO
 L0000876   0   0.28946E-04 370681.5 3809886.4   489.1   5.00   4.65
4.65   YES   NO
 L0000877   0   0.28946E-04 370671.6 3809884.7   489.1   5.00   4.65
4.65   YES   NO
 L0000878   0   0.28946E-04 370661.8 3809882.9   489.0   5.00   4.65
4.65   YES   NO
 L0000879   0   0.28946E-04 370651.9 3809881.2   489.0   5.00   4.65
4.65   YES   NO
 L0000880   0   0.28946E-04 370642.1 3809879.5   488.9   5.00   4.65
4.65   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

 L0000881   0   0.28946E-04 370632.2 3809877.8   488.9   5.00   4.65
4.65   YES   NO
 L0000882   0   0.28946E-04 370622.4 3809876.1   488.8   5.00   4.65
4.65   YES   NO
 L0000883   0   0.28946E-04 370612.5 3809874.4   488.8   5.00   4.65
4.65   YES   NO
 L0000884   0   0.28946E-04 370602.7 3809872.7   488.7   5.00   4.65
4.65   YES   NO
 L0000885   0   0.28946E-04 370592.8 3809871.0   488.7   5.00   4.65
4.65   YES   NO
 L0000886   0   0.28946E-04 370583.0 3809869.3   488.7   5.00   4.65
4.65   YES   NO

L0000887	0	0.28946E-04	370580.0	3809860.7	488.9	5.00	4.65	
4.65	YES	NO						
L0000888	0	0.28946E-04	370578.4	3809850.8	489.1	5.00	4.65	
4.65	YES	NO						
L0000889	0	0.28946E-04	370576.7	3809841.0	489.3	5.00	4.65	
4.65	YES	NO						
L0000890	0	0.28946E-04	370575.1	3809831.1	489.6	5.00	4.65	
4.65	YES	NO						
L0000891	0	0.28946E-04	370570.0	3809823.8	489.7	5.00	4.65	
4.65	YES	NO						
L0000892	0	0.28946E-04	370561.0	3809819.3	489.8	5.00	4.65	
4.65	YES	NO						
L0000893	0	0.28946E-04	370552.1	3809814.9	489.8	5.00	4.65	
4.65	YES	NO						
L0000894	0	0.28946E-04	370543.1	3809810.4	489.8	5.00	4.65	
4.65	YES	NO						
L0000895	0	0.28946E-04	370534.2	3809805.9	489.8	5.00	4.65	
4.65	YES	NO						
L0000896	0	0.28946E-04	370525.2	3809801.4	489.9	5.00	4.65	
4.65	YES	NO						
L0000897	0	0.28946E-04	370516.3	3809797.0	489.9	5.00	4.65	
4.65	YES	NO						
L0000898	0	0.28946E-04	370507.3	3809792.5	489.9	5.00	4.65	
4.65	YES	NO						
L0000899	0	0.28946E-04	370506.2	3809783.3	490.1	5.00	4.65	
4.65	YES	NO						
L0000900	0	0.28946E-04	370506.4	3809773.3	490.4	5.00	4.65	
4.65	YES	NO						
L0000901	0	0.28946E-04	370506.6	3809763.3	490.6	5.00	4.65	
4.65	YES	NO						
L0000902	0	0.28946E-04	370506.7	3809753.3	490.8	5.00	4.65	
4.65	YES	NO						
L0000903	0	0.28946E-04	370506.9	3809743.3	491.0	5.00	4.65	
4.65	YES	NO						
L0000904	0	0.28946E-04	370507.1	3809733.3	491.2	5.00	4.65	
4.65	YES	NO						
L0000905	0	0.28946E-04	370507.3	3809723.3	491.5	5.00	4.65	
4.65	YES	NO						
L0000906	0	0.28946E-04	370507.4	3809713.3	491.7	5.00	4.65	
4.65	YES	NO						
L0000907	0	0.28946E-04	370507.6	3809703.3	491.9	5.00	4.65	
4.65	YES	NO						
L0000908	0	0.28946E-04	370507.8	3809693.3	492.2	5.00	4.65	
4.65	YES	NO						
L0000909	0	0.28946E-04	370510.3	3809684.0	492.3	5.00	4.65	
4.65	YES	NO						
L0000910	0	0.28946E-04	370515.7	3809675.6	492.5	5.00	4.65	
4.65	YES	NO						
L0000911	0	0.28946E-04	370521.4	3809667.5	492.6	5.00	4.65	
4.65	YES	NO						

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 L0000912         0   0.28946E-04  370529.9 3809662.2   492.9     5.00     4.65
4.65     YES                    NO
 L0000913         0   0.28946E-04  370538.4 3809657.0   493.1     5.00     4.65
4.65     YES                    NO
 L0000914         0   0.28946E-04  370546.9 3809651.7   493.4     5.00     4.65
4.65     YES                    NO
 L0000915         0   0.28946E-04  370555.4 3809646.4   493.6     5.00     4.65
4.65     YES                    NO
 L0000916         0   0.28946E-04  370563.9 3809641.2   493.9     5.00     4.65
4.65     YES                    NO
 L0000917         0   0.28946E-04  370572.4 3809635.9   494.1     5.00     4.65
4.65     YES                    NO
 L0000918         0   0.28946E-04  370580.9 3809630.6   494.4     5.00     4.65
4.65     YES                    NO
 L0000919         0   0.28946E-04  370589.4 3809625.3   494.6     5.00     4.65
4.65     YES                    NO
 L0000920         0   0.28946E-04  370597.9 3809620.1   494.8     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000921         0   0.28946E-04  370606.4 3809614.8   495.1     5.00     4.65
4.65     YES                    NO
 L0000922         0   0.28946E-04  370614.9 3809609.5   495.3     5.00     4.65
4.65     YES                    NO
 L0000923         0   0.28946E-04  370623.4 3809604.3   495.6     5.00     4.65
4.65     YES                    NO
 L0000924         0   0.28946E-04  370631.9 3809599.0   495.8     5.00     4.65
4.65     YES                    NO
 L0000925         0   0.28946E-04  370640.4 3809593.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000926         0   0.28946E-04  370648.9 3809588.4   496.3     5.00     4.65
4.65     YES                    NO
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L0000927	0	0.28946E-04	370657.4	3809583.2	496.5	5.00	4.65	
4.65	YES		NO					
L0000928	0	0.28946E-04	370665.9	3809577.9	496.8	5.00	4.65	
4.65	YES		NO					
L0000929	0	0.28946E-04	370674.4	3809572.6	497.0	5.00	4.65	
4.65	YES		NO					
L0000930	0	0.28946E-04	370682.9	3809567.4	497.3	5.00	4.65	
4.65	YES		NO					
L0000931	0	0.28946E-04	370691.4	3809562.1	497.5	5.00	4.65	
4.65	YES		NO					
L0000932	0	0.28946E-04	370699.9	3809556.8	497.8	5.00	4.65	
4.65	YES		NO					
L0000933	0	0.28946E-04	370708.4	3809551.5	498.0	5.00	4.65	
4.65	YES		NO					
L0000934	0	0.28946E-04	370716.9	3809546.3	498.2	5.00	4.65	
4.65	YES		NO					
L0000935	0	0.28946E-04	370725.4	3809541.0	498.5	5.00	4.65	
4.65	YES		NO					
L0000936	0	0.28946E-04	370733.9	3809535.7	498.7	5.00	4.65	
4.65	YES		NO					
L0000937	0	0.28946E-04	370742.4	3809530.5	499.0	5.00	4.65	
4.65	YES		NO					
L0000938	0	0.28946E-04	370750.9	3809525.2	499.2	5.00	4.65	
4.65	YES		NO					
L0000939	0	0.28946E-04	370759.4	3809519.9	499.5	5.00	4.65	
4.65	YES		NO					
L0000940	0	0.28946E-04	370767.9	3809514.6	499.7	5.00	4.65	
4.65	YES		NO					
L0000941	0	0.28946E-04	370776.4	3809509.4	500.0	5.00	4.65	
4.65	YES		NO					
L0000942	0	0.28946E-04	370784.9	3809504.1	500.2	5.00	4.65	
4.65	YES		NO					
L0000943	0	0.28946E-04	370793.3	3809498.8	500.4	5.00	4.65	
4.65	YES		NO					
L0000944	0	0.28946E-04	370801.8	3809493.6	500.7	5.00	4.65	
4.65	YES		NO					
L0000945	0	0.28946E-04	370809.1	3809486.8	500.9	5.00	4.65	
4.65	YES		NO					
L0000946	0	0.28946E-04	370816.0	3809479.5	501.0	5.00	4.65	
4.65	YES		NO					
L0000947	0	0.28946E-04	370822.9	3809472.3	501.1	5.00	4.65	
4.65	YES		NO					
L0000948	0	0.28946E-04	370829.8	3809465.1	501.2	5.00	4.65	
4.65	YES		NO					
L0000949	0	0.28946E-04	370836.7	3809457.8	501.4	5.00	4.65	
4.65	YES		NO					
L0000950	0	0.28946E-04	370841.2	3809449.8	501.5	5.00	4.65	
4.65	YES		NO					
L0000951	0	0.28946E-04	370840.5	3809439.8	501.8	5.00	4.65	
4.65	YES		NO					

```
 L0000952         0   0.28946E-04  370839.7 3809429.8   502.1     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.28946E-04  370838.9 3809419.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000954         0   0.28946E-04  370838.2 3809409.9   502.6     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.28946E-04  370837.4 3809399.9   502.9     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.28946E-04  370836.6 3809389.9   503.2     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.28946E-04  370839.1 3809383.1   503.4     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.28946E-04  370849.1 3809383.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.28946E-04  370859.0 3809384.5   503.3     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.28946E-04  370864.6 3809390.6   503.1     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000961         0   0.28946E-04  370867.2 3809400.2   502.8     5.00     4.65
4.65     YES                    NO
 L0000962         0   0.28946E-04  370869.9 3809409.8   502.6     5.00     4.65
4.65     YES                    NO
 L0000963         0   0.28946E-04  370872.5 3809419.5   502.3     5.00     4.65
4.65     YES                    NO
 L0000964         0   0.28946E-04  370875.2 3809429.1   502.0     5.00     4.65
4.65     YES                    NO
 L0000965         0   0.28946E-04  370877.8 3809438.8   501.8     5.00     4.65
4.65     YES                    NO
 L0000966         0   0.28946E-04  370880.5 3809448.4   501.5     5.00     4.65
4.65     YES                    NO
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L0000967	0	0.28946E-04	370884.0	3809457.4	501.2	5.00	4.65	
4.65	YES	NO						
L0000968	0	0.28946E-04	370892.2	3809463.2	500.9	5.00	4.65	
4.65	YES	NO						
L0000969	0	0.28946E-04	370900.3	3809469.1	500.5	5.00	4.65	
4.65	YES	NO						
L0000970	0	0.28946E-04	370908.5	3809474.9	500.1	5.00	4.65	
4.65	YES	NO						
L0000971	0	0.28946E-04	370916.6	3809480.7	499.8	5.00	4.65	
4.65	YES	NO						
L0000972	0	0.28946E-04	370925.7	3809483.4	499.5	5.00	4.65	
4.65	YES	NO						
L0000973	0	0.28946E-04	370935.7	3809483.4	499.3	5.00	4.65	
4.65	YES	NO						
L0000974	0	0.28946E-04	370945.7	3809483.4	499.2	5.00	4.65	
4.65	YES	NO						
L0000975	0	0.28946E-04	370955.7	3809483.4	499.0	5.00	4.65	
4.65	YES	NO						
L0000976	0	0.28946E-04	370965.7	3809483.4	498.8	5.00	4.65	
4.65	YES	NO						
L0000977	0	0.28946E-04	370975.7	3809483.4	498.7	5.00	4.65	
4.65	YES	NO						
L0000978	0	0.28946E-04	370985.7	3809483.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000979	0	0.28946E-04	370995.7	3809483.4	498.4	5.00	4.65	
4.65	YES	NO						
L0000980	0	0.28946E-04	371005.7	3809483.4	498.2	5.00	4.65	
4.65	YES	NO						
L0000981	0	0.28946E-04	371015.7	3809483.4	498.0	5.00	4.65	
4.65	YES	NO						
L0000982	0	0.28946E-04	371025.7	3809483.4	497.9	5.00	4.65	
4.65	YES	NO						
L0000983	0	0.28946E-04	371035.7	3809483.4	497.7	5.00	4.65	
4.65	YES	NO						
L0000984	0	0.28946E-04	371045.7	3809483.4	497.5	5.00	4.65	
4.65	YES	NO						
L0000985	0	0.28946E-04	371055.7	3809483.4	497.4	5.00	4.65	
4.65	YES	NO						
L0000986	0	0.28946E-04	371062.0	3809487.0	497.2	5.00	4.65	
4.65	YES	NO						
L0000987	0	0.28946E-04	371061.6	3809497.0	497.0	5.00	4.65	
4.65	YES	NO						
L0000988	0	0.28946E-04	371061.3	3809507.0	496.9	5.00	4.65	
4.65	YES	NO						
L0000989	0	0.28946E-04	371061.0	3809517.0	496.7	5.00	4.65	
4.65	YES	NO						
L0000990	0	0.28946E-04	371060.7	3809527.0	496.5	5.00	4.65	
4.65	YES	NO						
L0000991	0	0.28946E-04	371060.3	3809537.0	496.4	5.00	4.65	
4.65	YES	NO						

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 L0000992         0   0.28946E-04  371060.0 3809547.0   496.2     5.00     4.65
4.65     YES                     NO
 L0000993         0   0.28946E-04  371059.7 3809557.0   496.0     5.00     4.65
4.65     YES                     NO
 L0000994         0   0.28946E-04  371059.4 3809567.0   495.9     5.00     4.65
4.65     YES                     NO
 L0000995         0   0.28946E-04  371059.1 3809577.0   495.7     5.00     4.65
4.65     YES                     NO
 L0000996         0   0.28946E-04  371058.7 3809587.0   495.5     5.00     4.65
4.65     YES                     NO
 L0000997         0   0.28946E-04  371058.4 3809597.0   495.3     5.00     4.65
4.65     YES                     NO
 L0000998         0   0.28946E-04  371058.1 3809607.0   495.2     5.00     4.65
4.65     YES                     NO
 L0000999         0   0.28946E-04  371057.8 3809617.0   495.0     5.00     4.65
4.65     YES                     NO
 L0001000         0   0.28946E-04  371057.5 3809627.0   494.8     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001001         0   0.28946E-04  371057.1 3809637.0   494.7     5.00     4.65
4.65     YES                     NO
 L0001002         0   0.28946E-04  371056.8 3809647.0   494.5     5.00     4.65
4.65     YES                     NO
 L0001003         0   0.28946E-04  371056.5 3809656.9   494.3     5.00     4.65
4.65     YES                     NO
 L0001004         0   0.28946E-04  371056.2 3809666.9   494.2     5.00     4.65
4.65     YES                     NO
 L0001005         0   0.28946E-04  371055.9 3809676.9   494.0     5.00     4.65
4.65     YES                     NO
 L0001006         0   0.28946E-04  371055.5 3809686.9   493.8     5.00     4.65
4.65     YES                     NO
```

L0001007	0	0.28946E-04	371055.2	3809696.9	493.7	5.00	4.65	4.65
YES		NO						
L0001008	0	0.28946E-04	371054.9	3809706.9	493.5	5.00	4.65	4.65
YES		NO						
L0001009	0	0.28946E-04	371054.6	3809716.9	493.3	5.00	4.65	4.65
YES		NO						
L0001010	0	0.28946E-04	371054.2	3809726.9	493.1	5.00	4.65	4.65
YES		NO						
L0001011	0	0.28946E-04	371053.9	3809736.9	493.0	5.00	4.65	4.65
YES		NO						
L0001012	0	0.28946E-04	371053.6	3809746.9	492.8	5.00	4.65	4.65
YES		NO						
L0001013	0	0.28946E-04	371053.3	3809756.9	492.6	5.00	4.65	4.65
YES		NO						
L0001014	0	0.28946E-04	371053.0	3809766.9	492.5	5.00	4.65	4.65
YES		NO						
L0001015	0	0.28946E-04	371052.6	3809776.9	492.3	5.00	4.65	4.65
YES		NO						
L0001016	0	0.28946E-04	371052.3	3809786.9	492.1	5.00	4.65	4.65
YES		NO						
L0001017	0	0.28946E-04	371052.0	3809796.9	492.0	5.00	4.65	4.65
YES		NO						
L0001018	0	0.28946E-04	371051.7	3809806.9	491.8	5.00	4.65	4.65
YES		NO						
L0001019	0	0.28946E-04	371051.4	3809816.9	491.6	5.00	4.65	4.65
YES		NO						
L0001020	0	0.28946E-04	371051.0	3809826.9	491.4	5.00	4.65	4.65
YES		NO						
L0001021	0	0.28946E-04	371050.7	3809836.9	491.3	5.00	4.65	4.65
YES		NO						
L0001022	0	0.28946E-04	371050.4	3809846.8	491.1	5.00	4.65	4.65
YES		NO						
L0001023	0	0.28946E-04	371050.1	3809856.8	490.9	5.00	4.65	4.65
YES		NO						
L0001024	0	0.28946E-04	371049.8	3809866.8	490.8	5.00	4.65	4.65
YES		NO						
L0001025	0	0.28946E-04	371049.4	3809876.8	490.6	5.00	4.65	4.65
YES		NO						
L0001026	0	0.28946E-04	371049.1	3809886.8	490.4	5.00	4.65	4.65
YES		NO						
L0001027	0	0.28946E-04	371048.8	3809896.8	490.3	5.00	4.65	4.65
YES		NO						
L0001028	0	0.28946E-04	371048.5	3809906.8	490.1	5.00	4.65	4.65
YES		NO						
L0001029	0	0.28946E-04	371048.1	3809916.8	489.9	5.00	4.65	4.65
YES		NO						
L0001030	0	0.28946E-04	371047.8	3809926.8	489.8	5.00	4.65	4.65
YES		NO						
L0001031	0	0.28946E-04	371041.0	3809928.7	489.7	5.00	4.65	4.65
YES		NO						

```
 L0001032         0   0.28946E-04  371031.2 3809926.8   489.7     5.00     4.65
4.65     YES                    NO
 L0001033         0   0.28946E-04  371021.4 3809924.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001034         0   0.28946E-04  371011.5 3809923.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001035         0   0.28946E-04  371001.7 3809921.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001036         0   0.28946E-04  370991.9 3809919.3   489.7     5.00     4.65
4.65     YES                    NO
 L0001037         0   0.28946E-04  370982.1 3809917.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001038         0   0.28946E-04  370972.3 3809915.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001039         0   0.28946E-04  370962.4 3809913.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001040         0   0.28946E-04  370952.6 3809911.8   489.7     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001041         0   0.28946E-04  370942.8 3809909.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001042         0   0.28946E-04  370933.0 3809908.0   489.7     5.00     4.65
4.65     YES                    NO
 L0001043         0   0.28946E-04  370923.2 3809906.1   489.7     5.00     4.65
4.65     YES                    NO
 L0001044         0   0.28946E-04  370913.3 3809904.2   489.7     5.00     4.65
4.65     YES                    NO
 L0001045         0   0.28946E-04  370903.5 3809902.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001046         0   0.28946E-04  370893.7 3809900.5   489.7     5.00     4.65
4.65     YES                    NO
```

L0001047	0	0.28946E-04	370883.9	3809898.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001048	0	0.28946E-04	370874.0	3809896.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001049	0	0.28946E-04	370864.2	3809894.8	489.7	5.00	4.65	
4.65	YES	NO						
L0001050	0	0.28946E-04	370854.4	3809893.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001051	0	0.28946E-04	370844.6	3809891.1	489.7	5.00	4.65	
4.65	YES	NO						
L0001052	0	0.28946E-04	370834.8	3809889.2	489.7	5.00	4.65	
4.65	YES	NO						
L0001053	0	0.28946E-04	370824.9	3809887.3	489.7	5.00	4.65	
4.65	YES	NO						
L0001054	0	0.28946E-04	370815.1	3809885.4	489.7	5.00	4.65	
4.65	YES	NO						
L0001055	0	0.28946E-04	370805.3	3809883.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001056	0	0.28946E-04	370795.5	3809881.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001057	0	0.28946E-04	370785.7	3809879.8	489.7	5.00	4.65	
4.65	YES	NO						
L0001058	0	0.28946E-04	370775.8	3809877.9	489.7	5.00	4.65	
4.65	YES	NO						
L0001059	0	0.28946E-04	370766.0	3809876.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001060	0	0.28946E-04	370756.2	3809874.1	489.7	5.00	4.65	
4.65	YES	NO						
L0001061	0	0.28946E-04	370746.4	3809872.3	489.7	5.00	4.65	
4.65	YES	NO						
L0001062	0	0.28946E-04	370736.5	3809870.4	489.7	5.00	4.65	
4.65	YES	NO						
L0001063	0	0.28946E-04	370726.7	3809868.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001064	0	0.28946E-04	370716.9	3809866.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001065	0	0.28946E-04	370707.1	3809864.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001066	0	0.28946E-04	370697.3	3809862.9	489.7	5.00	4.65	
4.65	YES	NO						
L0001067	0	0.28946E-04	370687.4	3809861.0	489.7	5.00	4.65	
4.65	YES	NO						
L0001068	0	0.28946E-04	370677.6	3809859.1	489.8	5.00	4.65	
4.65	YES	NO						
L0001069	0	0.28946E-04	370667.8	3809857.2	489.8	5.00	4.65	
4.65	YES	NO						
L0001070	0	0.28946E-04	370658.0	3809855.3	489.8	5.00	4.65	
4.65	YES	NO						
L0001071	0	0.28946E-04	370648.2	3809853.5	489.8	5.00	4.65	
4.65	YES	NO						

```
 L0001072         0   0.28946E-04  370638.3 3809851.6   489.8     5.00     4.65
4.65     YES                     NO
 L0001073         0   0.28946E-04  370628.5 3809849.7   489.8     5.00     4.65
4.65     YES                     NO
 L0001074         0   0.28946E-04  370623.8 3809842.0   489.9     5.00     4.65
4.65     YES                     NO
 L0001075         0   0.28946E-04  370620.6 3809832.5   490.0     5.00     4.65
4.65     YES                     NO
 L0001076         0   0.28946E-04  370617.5 3809823.0   490.1     5.00     4.65
4.65     YES                     NO
 L0001077         0   0.28946E-04  370614.3 3809813.5   490.3     5.00     4.65
4.65     YES                     NO
 L0001078         0   0.28946E-04  370611.2 3809804.0   490.4     5.00     4.65
4.65     YES                     NO
 L0001079         0   0.28946E-04  370604.2 3809797.7   490.5     5.00     4.65
4.65     YES                     NO
 L0001080         0   0.28946E-04  370595.4 3809793.0   490.6     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001081         0   0.28946E-04  370586.6 3809788.3   490.7     5.00     4.65
4.65     YES                     NO
 L0001082         0   0.28946E-04  370577.7 3809783.6   490.7     5.00     4.65
4.65     YES                     NO
 L0001083         0   0.28946E-04  370568.9 3809779.0   490.8     5.00     4.65
4.65     YES                     NO
 L0001084         0   0.28946E-04  370560.1 3809774.3   490.9     5.00     4.65
4.65     YES                     NO
 L0001085         0   0.28946E-04  370552.6 3809768.7   491.0     5.00     4.65
4.65     YES                     NO
 L0001086         0   0.28946E-04  370552.1 3809758.7   491.1     5.00     4.65
4.65     YES                     NO
```

L0001087	0	0.28946E-04	370551.5	3809748.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001088	0	0.28946E-04	370551.0	3809738.7	491.3	5.00	4.65	
4.65	YES	NO						
L0001089	0	0.28946E-04	370550.4	3809728.8	491.4	5.00	4.65	
4.65	YES	NO						
L0001090	0	0.28946E-04	370549.8	3809718.8	491.5	5.00	4.65	
4.65	YES	NO						
L0001091	0	0.28946E-04	370549.3	3809708.8	491.6	5.00	4.65	
4.65	YES	NO						
L0001092	0	0.28946E-04	370555.0	3809702.1	491.8	5.00	4.65	
4.65	YES	NO						
L0001093	0	0.28946E-04	370563.5	3809696.7	492.0	5.00	4.65	
4.65	YES	NO						
L0001094	0	0.28946E-04	370572.0	3809691.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001095	0	0.28946E-04	370580.5	3809686.1	492.5	5.00	4.65	
4.65	YES	NO						
L0001096	0	0.28946E-04	370588.9	3809680.8	492.7	5.00	4.65	
4.65	YES	NO						
L0001097	0	0.28946E-04	370597.4	3809675.5	493.0	5.00	4.65	
4.65	YES	NO						
L0001098	0	0.28946E-04	370605.9	3809670.2	493.2	5.00	4.65	
4.65	YES	NO						
L0001099	0	0.28946E-04	370614.3	3809664.8	493.4	5.00	4.65	
4.65	YES	NO						
L0001100	0	0.28946E-04	370622.8	3809659.5	493.7	5.00	4.65	
4.65	YES	NO						
L0001101	0	0.28946E-04	370631.3	3809654.2	493.9	5.00	4.65	
4.65	YES	NO						
L0001102	0	0.28946E-04	370639.7	3809648.9	494.2	5.00	4.65	
4.65	YES	NO						
L0001103	0	0.28946E-04	370648.2	3809643.6	494.4	5.00	4.65	
4.65	YES	NO						
L0001104	0	0.28946E-04	370656.7	3809638.2	494.6	5.00	4.65	
4.65	YES	NO						
L0001105	0	0.28946E-04	370665.1	3809632.9	494.9	5.00	4.65	
4.65	YES	NO						
L0001106	0	0.28946E-04	370673.6	3809627.6	495.1	5.00	4.65	
4.65	YES	NO						
L0001107	0	0.28946E-04	370682.1	3809622.3	495.3	5.00	4.65	
4.65	YES	NO						
L0001108	0	0.28946E-04	370690.5	3809617.0	495.6	5.00	4.65	
4.65	YES	NO						
L0001109	0	0.28946E-04	370699.0	3809611.6	495.8	5.00	4.65	
4.65	YES	NO						
L0001110	0	0.28946E-04	370707.5	3809606.3	496.1	5.00	4.65	
4.65	YES	NO						
L0001111	0	0.28946E-04	370715.9	3809601.0	496.3	5.00	4.65	
4.65	YES	NO						

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 L0001112         0   0.28946E-04  370724.4 3809595.7   496.5     5.00     4.65
4.65     YES                    NO
 L0001113         0   0.28946E-04  370732.9 3809590.4   496.8     5.00     4.65
4.65     YES                    NO
 L0001114         0   0.28946E-04  370741.3 3809585.1   497.0     5.00     4.65
4.65     YES                    NO
 L0001115         0   0.28946E-04  370749.8 3809579.7   497.2     5.00     4.65
4.65     YES                    NO
 L0001116         0   0.28946E-04  370758.3 3809574.4   497.5     5.00     4.65
4.65     YES                    NO
 L0001117         0   0.28946E-04  370766.8 3809569.1   497.7     5.00     4.65
4.65     YES                    NO
 L0001118         0   0.28946E-04  370775.2 3809563.8   497.9     5.00     4.65
4.65     YES                    NO
 L0001119         0   0.28946E-04  370783.7 3809558.5   498.2     5.00     4.65
4.65     YES                    NO
 L0001120         0   0.28946E-04  370792.2 3809553.1   498.4     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001121         0   0.28946E-04  370800.6 3809547.8   498.7     5.00     4.65
4.65     YES                    NO
 L0001122         0   0.28946E-04  370809.1 3809542.5   498.9     5.00     4.65
4.65     YES                    NO
 L0001123         0   0.28946E-04  370817.6 3809537.2   499.1     5.00     4.65
4.65     YES                    NO
 L0001124         0   0.28946E-04  370826.0 3809531.9   499.4     5.00     4.65
4.65     YES                    NO
 L0001125         0   0.28946E-04  370834.5 3809526.5   499.6     5.00     4.65
4.65     YES                    NO
 L0001126         0   0.28946E-04  370843.0 3809521.2   499.8     5.00     4.65
4.65     YES                    NO
```

L0001127	0	0.28946E-04	370852.9	3809521.0	499.7	5.00	4.65	
4.65	YES	NO						
L0001128	0	0.28946E-04	370862.9	3809520.9	499.6	5.00	4.65	
4.65	YES	NO						
L0001129	0	0.28946E-04	370872.9	3809520.8	499.4	5.00	4.65	
4.65	YES	NO						
L0001130	0	0.28946E-04	370882.9	3809520.7	499.3	5.00	4.65	
4.65	YES	NO						
L0001131	0	0.28946E-04	370892.9	3809520.6	499.1	5.00	4.65	
4.65	YES	NO						
L0001132	0	0.28946E-04	370902.9	3809520.5	499.0	5.00	4.65	
4.65	YES	NO						
L0001133	0	0.28946E-04	370912.9	3809520.4	498.8	5.00	4.65	
4.65	YES	NO						
L0001134	0	0.28946E-04	370922.9	3809520.3	498.7	5.00	4.65	
4.65	YES	NO						
L0001135	0	0.28946E-04	370932.9	3809520.2	498.5	5.00	4.65	
4.65	YES	NO						
L0001136	0	0.28946E-04	370942.9	3809520.1	498.4	5.00	4.65	
4.65	YES	NO						
L0001137	0	0.28946E-04	370952.9	3809520.0	498.2	5.00	4.65	
4.65	YES	NO						
L0001138	0	0.28946E-04	370962.9	3809519.9	498.1	5.00	4.65	
4.65	YES	NO						
L0001139	0	0.28946E-04	370972.9	3809519.8	497.9	5.00	4.65	
4.65	YES	NO						
L0001140	0	0.28946E-04	370982.9	3809519.7	497.8	5.00	4.65	
4.65	YES	NO						
L0001141	0	0.28946E-04	370992.9	3809519.6	497.6	5.00	4.65	
4.65	YES	NO						
L0001142	0	0.28946E-04	371002.9	3809519.5	497.5	5.00	4.65	
4.65	YES	NO						
L0001143	0	0.28946E-04	371012.9	3809519.4	497.3	5.00	4.65	
4.65	YES	NO						
L0001144	0	0.28946E-04	371022.6	3809519.5	497.2	5.00	4.65	
4.65	YES	NO						
L0001145	0	0.28946E-04	371022.2	3809529.5	497.0	5.00	4.65	
4.65	YES	NO						
L0001146	0	0.28946E-04	371021.8	3809539.5	496.8	5.00	4.65	
4.65	YES	NO						
L0001147	0	0.28946E-04	371021.4	3809549.5	496.6	5.00	4.65	
4.65	YES	NO						
L0001148	0	0.28946E-04	371021.0	3809559.5	496.4	5.00	4.65	
4.65	YES	NO						
L0001149	0	0.28946E-04	371020.7	3809569.5	496.2	5.00	4.65	
4.65	YES	NO						
L0001150	0	0.28946E-04	371020.3	3809579.5	496.0	5.00	4.65	
4.65	YES	NO						
L0001151	0	0.28946E-04	371019.9	3809589.5	495.8	5.00	4.65	
4.65	YES	NO						

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 L0001152         0   0.28946E-04  371019.5 3809599.5   495.6     5.00     4.65
4.65     YES                    NO
 L0001153         0   0.28946E-04  371019.1 3809609.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001154         0   0.28946E-04  371018.7 3809619.5   495.1     5.00     4.65
4.65     YES                    NO
 L0001155         0   0.28946E-04  371018.3 3809629.5   494.9     5.00     4.65
4.65     YES                    NO
 L0001156         0   0.28946E-04  371017.9 3809639.5   494.7     5.00     4.65
4.65     YES                    NO
 L0001157         0   0.28946E-04  371017.5 3809649.4   494.5     5.00     4.65
4.65     YES                    NO
 L0001158         0   0.28946E-04  371017.1 3809659.4   494.3     5.00     4.65
4.65     YES                    NO
 L0001159         0   0.28946E-04  371016.8 3809669.4   494.1     5.00     4.65
4.65     YES                    NO
 L0001160         0   0.28946E-04  371016.4 3809679.4   493.9     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001161         0   0.28946E-04  371016.0 3809689.4   493.7     5.00     4.65
4.65     YES                    NO
 L0001162         0   0.28946E-04  371015.6 3809699.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001163         0   0.28946E-04  371015.2 3809709.4   493.3     5.00     4.65
4.65     YES                    NO
 L0001164         0   0.28946E-04  371014.8 3809719.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001165         0   0.28946E-04  371014.4 3809729.4   492.9     5.00     4.65
4.65     YES                    NO
 L0001166         0   0.28946E-04  371014.0 3809739.4   492.7     5.00     4.65
4.65     YES                    NO
```

L0001167	0	0.28946E-04	371013.6	3809749.4	492.5	5.00	4.65	
4.65	YES	NO						
L0001168	0	0.28946E-04	371013.2	3809759.4	492.3	5.00	4.65	
4.65	YES	NO						
L0001169	0	0.28946E-04	371012.9	3809769.4	492.1	5.00	4.65	
4.65	YES	NO						
L0001170	0	0.28946E-04	371012.5	3809779.3	491.9	5.00	4.65	
4.65	YES	NO						
L0001171	0	0.28946E-04	371012.1	3809789.3	491.7	5.00	4.65	
4.65	YES	NO						
L0001172	0	0.28946E-04	371011.7	3809799.3	491.5	5.00	4.65	
4.65	YES	NO						
L0001173	0	0.28946E-04	371011.3	3809809.3	491.2	5.00	4.65	
4.65	YES	NO						
L0001174	0	0.28946E-04	371010.9	3809819.3	491.1	5.00	4.65	
4.65	YES	NO						
L0001175	0	0.28946E-04	371010.5	3809829.3	490.8	5.00	4.65	
4.65	YES	NO						
L0001176	0	0.28946E-04	371010.1	3809839.3	490.6	5.00	4.65	
4.65	YES	NO						
L0001177	0	0.28946E-04	371009.7	3809849.3	490.4	5.00	4.65	
4.65	YES	NO						
L0001178	0	0.28946E-04	371009.3	3809859.3	490.2	5.00	4.65	
4.65	YES	NO						
L0001179	0	0.28946E-04	371009.0	3809869.3	490.0	5.00	4.65	
4.65	YES	NO						
L0001180	0	0.28946E-04	371008.6	3809879.3	489.8	5.00	4.65	
4.65	YES	NO						
L0001181	0	0.28946E-04	371006.0	3809886.5	489.7	5.00	4.65	
4.65	YES	NO						
L0001182	0	0.28946E-04	370996.2	3809884.6	489.7	5.00	4.65	
4.65	YES	NO						
L0001183	0	0.28946E-04	370986.3	3809882.7	489.7	5.00	4.65	
4.65	YES	NO						
L0001184	0	0.28946E-04	370976.5	3809880.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001185	0	0.28946E-04	370966.7	3809878.8	489.8	5.00	4.65	
4.65	YES	NO						
L0001186	0	0.28946E-04	370956.9	3809876.9	489.8	5.00	4.65	
4.65	YES	NO						
L0001187	0	0.28946E-04	370947.1	3809875.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001188	0	0.28946E-04	370937.3	3809873.1	489.9	5.00	4.65	
4.65	YES	NO						
L0001189	0	0.28946E-04	370927.4	3809871.2	489.9	5.00	4.65	
4.65	YES	NO						
L0001190	0	0.28946E-04	370917.6	3809869.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001191	0	0.28946E-04	370907.8	3809867.4	489.9	5.00	4.65	
4.65	YES	NO						

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 L0001192         0   0.28946E-04  370898.0 3809865.5   490.0     5.00     4.65
4.65     YES                     NO
 L0001193         0   0.28946E-04  370888.2 3809863.6   490.0     5.00     4.65
4.65     YES                     NO
 L0001194         0   0.28946E-04  370878.4 3809861.7   490.0     5.00     4.65
4.65     YES                     NO
 L0001195         0   0.28946E-04  370868.5 3809859.8   490.1     5.00     4.65
4.65     YES                     NO
 L0001196         0   0.28946E-04  370858.7 3809857.9   490.1     5.00     4.65
4.65     YES                     NO
 L0001197         0   0.28946E-04  370848.9 3809855.9   490.1     5.00     4.65
4.65     YES                     NO
 L0001198         0   0.28946E-04  370839.1 3809854.0   490.1     5.00     4.65
4.65     YES                     NO
 L0001199         0   0.28946E-04  370829.3 3809852.1   490.2     5.00     4.65
4.65     YES                     NO
 L0001200         0   0.28946E-04  370819.5 3809850.2   490.2     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001201         0   0.28946E-04  370809.6 3809848.3   490.2     5.00     4.65
4.65     YES                     NO
 L0001202         0   0.28946E-04  370799.8 3809846.4   490.2     5.00     4.65
4.65     YES                     NO
 L0001203         0   0.28946E-04  370790.0 3809844.5   490.3     5.00     4.65
4.65     YES                     NO
 L0001204         0   0.28946E-04  370780.2 3809842.6   490.3     5.00     4.65
4.65     YES                     NO
 L0001205         0   0.28946E-04  370770.4 3809840.7   490.3     5.00     4.65
4.65     YES                     NO
 L0001206         0   0.28946E-04  370760.6 3809838.8   490.4     5.00     4.65
4.65     YES                     NO
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L0001207	0	0.28946E-04	370750.8	3809836.9	490.4	5.00	4.65	
4.65	YES	NO						
L0001208	0	0.28946E-04	370740.9	3809834.9	490.4	5.00	4.65	
4.65	YES	NO						
L0001209	0	0.28946E-04	370731.1	3809833.0	490.4	5.00	4.65	
4.65	YES	NO						
L0001210	0	0.28946E-04	370721.3	3809831.1	490.5	5.00	4.65	
4.65	YES	NO						
L0001211	0	0.28946E-04	370711.5	3809829.2	490.5	5.00	4.65	
4.65	YES	NO						
L0001212	0	0.28946E-04	370701.7	3809827.3	490.5	5.00	4.65	
4.65	YES	NO						
L0001213	0	0.28946E-04	370691.9	3809825.4	490.6	5.00	4.65	
4.65	YES	NO						
L0001214	0	0.28946E-04	370682.9	3809821.8	490.6	5.00	4.65	
4.65	YES	NO						
L0001215	0	0.28946E-04	370675.5	3809815.0	490.7	5.00	4.65	
4.65	YES	NO						
L0001216	0	0.28946E-04	370668.2	3809808.2	490.8	5.00	4.65	
4.65	YES	NO						
L0001217	0	0.28946E-04	370660.8	3809801.5	490.9	5.00	4.65	
4.65	YES	NO						
L0001218	0	0.28946E-04	370653.5	3809794.7	491.0	5.00	4.65	
4.65	YES	NO						
L0001219	0	0.28946E-04	370646.2	3809787.9	491.1	5.00	4.65	
4.65	YES	NO						
L0001220	0	0.28946E-04	370638.8	3809781.1	491.2	5.00	4.65	
4.65	YES	NO						
L0001221	0	0.28946E-04	370631.5	3809774.3	491.3	5.00	4.65	
4.65	YES	NO						
L0001222	0	0.28946E-04	370624.1	3809767.5	491.4	5.00	4.65	
4.65	YES	NO						
L0001223	0	0.28946E-04	370616.8	3809760.8	491.5	5.00	4.65	
4.65	YES	NO						
L0001224	0	0.28946E-04	370609.9	3809753.5	491.7	5.00	4.65	
4.65	YES	NO						
L0001225	0	0.28946E-04	370603.1	3809746.1	491.9	5.00	4.65	
4.65	YES	NO						
L0001226	0	0.28946E-04	370596.4	3809738.8	492.1	5.00	4.65	
4.65	YES	NO						
L0001227	0	0.28946E-04	370595.8	3809729.0	492.3	5.00	4.65	
4.65	YES	NO						
L0001228	0	0.28946E-04	370595.8	3809719.0	492.5	5.00	4.65	
4.65	YES	NO						
L0001229	0	0.28946E-04	370603.7	3809713.4	492.7	5.00	4.65	
4.65	YES	NO						
L0001230	0	0.28946E-04	370612.2	3809708.1	492.9	5.00	4.65	
4.65	YES	NO						
L0001231	0	0.28946E-04	370620.7	3809702.9	493.1	5.00	4.65	
4.65	YES	NO						

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 L0001232         0   0.28946E-04  370629.2 3809697.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.28946E-04  370637.7 3809692.3   493.4     5.00     4.65
4.65     YES                    NO
 L0001234         0   0.28946E-04  370646.2 3809687.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.28946E-04  370654.6 3809681.7   493.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.28946E-04  370663.1 3809676.5   494.0     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.28946E-04  370671.6 3809671.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.28946E-04  370680.1 3809665.9   494.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.28946E-04  370688.6 3809660.6   494.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.28946E-04  370697.1 3809655.3   494.8     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001241         0   0.28946E-04  370705.6 3809650.1   495.0     5.00     4.65
4.65     YES                    NO
 L0001242         0   0.28946E-04  370714.1 3809644.8   495.2     5.00     4.65
4.65     YES                    NO
 L0001243         0   0.28946E-04  370722.6 3809639.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001244         0   0.28946E-04  370731.1 3809634.2   495.6     5.00     4.65
4.65     YES                    NO
 L0001245         0   0.28946E-04  370739.6 3809629.0   495.8     5.00     4.65
4.65     YES                    NO
 L0001246         0   0.28946E-04  370748.1 3809623.7   496.0     5.00     4.65
4.65     YES                    NO
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L0001247	0	0.28946E-04	370756.6	3809618.4	496.2	5.00	4.65	
4.65	YES	NO						
L0001248	0	0.28946E-04	370765.1	3809613.1	496.4	5.00	4.65	
4.65	YES	NO						
L0001249	0	0.28946E-04	370773.6	3809607.8	496.6	5.00	4.65	
4.65	YES	NO						
L0001250	0	0.28946E-04	370782.1	3809602.6	496.7	5.00	4.65	
4.65	YES	NO						
L0001251	0	0.28946E-04	370790.5	3809597.3	496.9	5.00	4.65	
4.65	YES	NO						
L0001252	0	0.28946E-04	370799.0	3809592.0	497.1	5.00	4.65	
4.65	YES	NO						
L0001253	0	0.28946E-04	370807.5	3809586.7	497.3	5.00	4.65	
4.65	YES	NO						
L0001254	0	0.28946E-04	370816.0	3809581.5	497.5	5.00	4.65	
4.65	YES	NO						
L0001255	0	0.28946E-04	370824.5	3809576.2	497.7	5.00	4.65	
4.65	YES	NO						
L0001256	0	0.28946E-04	370833.0	3809570.9	497.9	5.00	4.65	
4.65	YES	NO						
L0001257	0	0.28946E-04	370841.5	3809565.6	498.1	5.00	4.65	
4.65	YES	NO						
L0001258	0	0.28946E-04	370850.6	3809562.3	498.2	5.00	4.65	
4.65	YES	NO						
L0001259	0	0.28946E-04	370860.6	3809562.3	498.0	5.00	4.65	
4.65	YES	NO						
L0001260	0	0.28946E-04	370870.6	3809562.3	497.9	5.00	4.65	
4.65	YES	NO						
L0001261	0	0.28946E-04	370880.6	3809562.3	497.7	5.00	4.65	
4.65	YES	NO						
L0001262	0	0.28946E-04	370890.6	3809562.3	497.6	5.00	4.65	
4.65	YES	NO						
L0001263	0	0.28946E-04	370900.6	3809562.3	497.4	5.00	4.65	
4.65	YES	NO						
L0001264	0	0.28946E-04	370910.6	3809562.3	497.3	5.00	4.65	
4.65	YES	NO						
L0001265	0	0.28946E-04	370920.6	3809562.3	497.1	5.00	4.65	
4.65	YES	NO						
L0001266	0	0.28946E-04	370930.6	3809562.3	497.0	5.00	4.65	
4.65	YES	NO						
L0001267	0	0.28946E-04	370940.6	3809562.3	496.8	5.00	4.65	
4.65	YES	NO						
L0001268	0	0.28946E-04	370950.6	3809562.3	496.7	5.00	4.65	
4.65	YES	NO						
L0001269	0	0.28946E-04	370960.6	3809562.3	496.5	5.00	4.65	
4.65	YES	NO						
L0001270	0	0.28946E-04	370968.8	3809564.0	496.4	5.00	4.65	
4.65	YES	NO						
L0001271	0	0.28946E-04	370968.7	3809574.0	496.2	5.00	4.65	
4.65	YES	NO						

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 L0001272         0   0.28946E-04  370968.7 3809584.0   495.9     5.00     4.65
4.65     YES                     NO
 L0001273         0   0.28946E-04  370968.6 3809594.0   495.7     5.00     4.65
4.65     YES                     NO
 L0001274         0   0.28946E-04  370968.5 3809604.0   495.4     5.00     4.65
4.65     YES                     NO
 L0001275         0   0.28946E-04  370968.5 3809614.0   495.2     5.00     4.65
4.65     YES                     NO
 L0001276         0   0.28946E-04  370968.4 3809624.0   495.0     5.00     4.65
4.65     YES                     NO
 L0001277         0   0.28946E-04  370968.4 3809634.0   494.7     5.00     4.65
4.65     YES                     NO
 L0001278         0   0.28946E-04  370968.3 3809644.0   494.5     5.00     4.65
4.65     YES                     NO
 L0001279         0   0.28946E-04  370968.2 3809654.0   494.3     5.00     4.65
4.65     YES                     NO
 L0001280         0   0.28946E-04  370968.2 3809664.0   494.0     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001281         0   0.28946E-04  370968.1 3809674.0   493.8     5.00     4.65
4.65     YES                     NO
 L0001282         0   0.28946E-04  370968.0 3809684.0   493.6     5.00     4.65
4.65     YES                     NO
 L0001283         0   0.28946E-04  370968.0 3809694.0   493.3     5.00     4.65
4.65     YES                     NO
 L0001284         0   0.28946E-04  370967.9 3809704.0   493.1     5.00     4.65
4.65     YES                     NO
 L0001285         0   0.28946E-04  370967.9 3809714.0   492.9     5.00     4.65
4.65     YES                     NO
 L0001286         0   0.28946E-04  370967.8 3809724.0   492.6     5.00     4.65
4.65     YES                     NO
```

L0001287	0	0.28946E-04	370967.7	3809734.0	492.4	5.00	4.65	
4.65	YES	NO						
L0001288	0	0.28946E-04	370967.7	3809744.0	492.2	5.00	4.65	
4.65	YES	NO						
L0001289	0	0.28946E-04	370967.6	3809754.0	491.9	5.00	4.65	
4.65	YES	NO						
L0001290	0	0.28946E-04	370967.5	3809764.0	491.7	5.00	4.65	
4.65	YES	NO						
L0001291	0	0.28946E-04	370967.5	3809774.0	491.5	5.00	4.65	
4.65	YES	NO						
L0001292	0	0.28946E-04	370967.4	3809784.0	491.2	5.00	4.65	
4.65	YES	NO						
L0001293	0	0.28946E-04	370967.4	3809794.0	491.0	5.00	4.65	
4.65	YES	NO						
L0001294	0	0.28946E-04	370967.3	3809804.0	490.8	5.00	4.65	
4.65	YES	NO						
L0001295	0	0.28946E-04	370967.2	3809814.0	490.5	5.00	4.65	
4.65	YES	NO						
L0001296	0	0.28946E-04	370967.2	3809824.0	490.3	5.00	4.65	
4.65	YES	NO						
L0001297	0	0.28946E-04	370967.1	3809834.0	490.1	5.00	4.65	
4.65	YES	NO						
L0001298	0	0.28946E-04	370967.0	3809844.0	489.8	5.00	4.65	
4.65	YES	NO						
L0001299	0	0.28946E-04	370960.6	3809846.2	489.8	5.00	4.65	
4.65	YES	NO						
L0001300	0	0.28946E-04	370950.8	3809844.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001301	0	0.28946E-04	370940.9	3809842.3	489.9	5.00	4.65	
4.65	YES	NO						
L0001302	0	0.28946E-04	370931.1	3809840.4	490.0	5.00	4.65	
4.65	YES	NO						
L0001303	0	0.28946E-04	370921.3	3809838.5	490.1	5.00	4.65	
4.65	YES	NO						
L0001304	0	0.28946E-04	370911.5	3809836.5	490.2	5.00	4.65	
4.65	YES	NO						
L0001305	0	0.28946E-04	370901.7	3809834.6	490.2	5.00	4.65	
4.65	YES	NO						
L0001306	0	0.28946E-04	370891.9	3809832.7	490.3	5.00	4.65	
4.65	YES	NO						
L0001307	0	0.28946E-04	370882.1	3809830.7	490.4	5.00	4.65	
4.65	YES	NO						
L0001308	0	0.28946E-04	370872.3	3809828.8	490.4	5.00	4.65	
4.65	YES	NO						
L0001309	0	0.28946E-04	370862.5	3809826.9	490.5	5.00	4.65	
4.65	YES	NO						
L0001310	0	0.28946E-04	370852.6	3809824.9	490.6	5.00	4.65	
4.65	YES	NO						
L0001311	0	0.28946E-04	370842.8	3809823.0	490.7	5.00	4.65	
4.65	YES	NO						

```
 L0001312         0   0.28946E-04  370833.0 3809821.1   490.7     5.00     4.65
4.65     YES                    NO
 L0001313         0   0.28946E-04  370823.2 3809819.1   490.8     5.00     4.65
4.65     YES                    NO
 L0001314         0   0.28946E-04  370813.4 3809817.2   490.9     5.00     4.65
4.65     YES                    NO
 L0001315         0   0.28946E-04  370803.6 3809815.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001316         0   0.28946E-04  370793.8 3809813.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001317         0   0.28946E-04  370784.0 3809811.4   491.1     5.00     4.65
4.65     YES                    NO
 L0001318         0   0.28946E-04  370774.1 3809809.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001319         0   0.28946E-04  370764.3 3809807.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001320         0   0.28946E-04  370754.5 3809805.6   491.3     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001321         0   0.28946E-04  370744.7 3809803.7   491.4     5.00     4.65
4.65     YES                    NO
 L0001322         0   0.28946E-04  370734.9 3809801.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001323         0   0.28946E-04  370726.3 3809797.4   491.6     5.00     4.65
4.65     YES                    NO
 L0001324         0   0.28946E-04  370718.8 3809790.8   491.7     5.00     4.65
4.65     YES                    NO
 L0001325         0   0.28946E-04  370711.2 3809784.2   491.9     5.00     4.65
4.65     YES                    NO
 L0001326         0   0.28946E-04  370703.7 3809777.7   492.0     5.00     4.65
4.65     YES                    NO
```

L0001327	0	0.28946E-04	370696.1	3809771.1	492.1	5.00	4.65	
4.65	YES	NO						
L0001328	0	0.28946E-04	370688.6	3809764.5	492.3	5.00	4.65	
4.65	YES	NO						
L0001329	0	0.28946E-04	370681.1	3809757.9	492.4	5.00	4.65	
4.65	YES	NO						
L0001330	0	0.28946E-04	370673.5	3809751.4	492.6	5.00	4.65	
4.65	YES	NO						
L0001331	0	0.28946E-04	370666.0	3809744.8	492.7	5.00	4.65	
4.65	YES	NO						
L0001332	0	0.28946E-04	370662.3	3809738.4	492.9	5.00	4.65	
4.65	YES	NO						
L0001333	0	0.28946E-04	370670.4	3809732.5	493.1	5.00	4.65	
4.65	YES	NO						
L0001334	0	0.28946E-04	370678.5	3809726.6	493.4	5.00	4.65	
4.65	YES	NO						
L0001335	0	0.28946E-04	370686.6	3809720.7	493.6	5.00	4.65	
4.65	YES	NO						
L0001336	0	0.28946E-04	370694.6	3809714.8	493.8	5.00	4.65	
4.65	YES	NO						
L0001337	0	0.28946E-04	370702.7	3809708.9	494.1	5.00	4.65	
4.65	YES	NO						
L0001338	0	0.28946E-04	370710.8	3809703.0	494.3	5.00	4.65	
4.65	YES	NO						
L0001339	0	0.28946E-04	370718.9	3809697.1	494.5	5.00	4.65	
4.65	YES	NO						
L0001340	0	0.28946E-04	370727.0	3809691.2	494.8	5.00	4.65	
4.65	YES	NO						
L0001341	0	0.28946E-04	370735.0	3809685.3	495.0	5.00	4.65	
4.65	YES	NO						
L0001342	0	0.28946E-04	370743.1	3809679.4	495.3	5.00	4.65	
4.65	YES	NO						
L0001343	0	0.28946E-04	370751.2	3809673.6	495.5	5.00	4.65	
4.65	YES	NO						
L0001344	0	0.28946E-04	370759.3	3809667.7	495.7	5.00	4.65	
4.65	YES	NO						
L0001345	0	0.28946E-04	370767.3	3809661.8	496.0	5.00	4.65	
4.65	YES	NO						
L0001346	0	0.28946E-04	370775.4	3809655.9	496.2	5.00	4.65	
4.65	YES	NO						
L0001347	0	0.28946E-04	370783.5	3809650.0	496.4	5.00	4.65	
4.65	YES	NO						
L0001348	0	0.28946E-04	370791.6	3809644.1	496.7	5.00	4.65	
4.65	YES	NO						
L0001349	0	0.28946E-04	370800.2	3809639.0	496.8	5.00	4.65	
4.65	YES	NO						
L0001350	0	0.28946E-04	370808.9	3809634.1	496.8	5.00	4.65	
4.65	YES	NO						
L0001351	0	0.28946E-04	370817.6	3809629.1	496.9	5.00	4.65	
4.65	YES	NO						

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 L0001352         0   0.28946E-04  370826.3 3809624.2   496.9     5.00     4.65
4.65     YES                     NO
 L0001353         0   0.28946E-04  370835.0 3809619.3   497.0     5.00     4.65
4.65     YES                     NO
 L0001354         0   0.28946E-04  370843.7 3809614.3   497.0     5.00     4.65
4.65     YES                     NO
 L0001355         0   0.28946E-04  370852.4 3809609.4   497.1     5.00     4.65
4.65     YES                     NO
 L0001356         0   0.28946E-04  370861.1 3809604.5   497.1     5.00     4.65
4.65     YES                     NO
 L0001357         0   0.28946E-04  370869.8 3809599.6   497.2     5.00     4.65
4.65     YES                     NO
 L0001358         0   0.28946E-04  370878.5 3809594.6   497.2     5.00     4.65
4.65     YES                     NO
 L0001359         0   0.28946E-04  370887.2 3809589.7   497.3     5.00     4.65
4.65     YES                     NO
 L0001360         0   0.28946E-04  370897.1 3809589.2   497.2     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0001361         0   0.28946E-04  370907.1 3809589.2   497.2     5.00     4.65
4.65     YES                     NO
 L0001362         0   0.28946E-04  370917.1 3809589.2   497.1     5.00     4.65
4.65     YES                     NO
 L0001363         0   0.28946E-04  370927.1 3809589.2   497.0     5.00     4.65
4.65     YES                     NO
 L0001364         0   0.28946E-04  370936.5 3809589.7   496.9     5.00     4.65
4.65     YES                     NO
 L0001365         0   0.28946E-04  370936.4 3809599.7   496.6     5.00     4.65
4.65     YES                     NO
 L0001366         0   0.28946E-04  370936.2 3809609.7   496.3     5.00     4.65
4.65     YES                     NO
```

L0001367	0	0.28946E-04	370936.0	3809619.7	496.1	5.00	4.65	
4.65	YES	NO						
L0001368	0	0.28946E-04	370935.9	3809629.7	495.8	5.00	4.65	
4.65	YES	NO						
L0001369	0	0.28946E-04	370935.7	3809639.7	495.5	5.00	4.65	
4.65	YES	NO						
L0001370	0	0.28946E-04	370935.6	3809649.7	495.2	5.00	4.65	
4.65	YES	NO						
L0001371	0	0.28946E-04	370935.4	3809659.7	494.9	5.00	4.65	
4.65	YES	NO						
L0001372	0	0.28946E-04	370935.2	3809669.7	494.6	5.00	4.65	
4.65	YES	NO						
L0001373	0	0.28946E-04	370935.1	3809679.7	494.4	5.00	4.65	
4.65	YES	NO						
L0001374	0	0.28946E-04	370934.9	3809689.7	494.1	5.00	4.65	
4.65	YES	NO						
L0001375	0	0.28946E-04	370934.8	3809699.7	493.8	5.00	4.65	
4.65	YES	NO						
L0001376	0	0.28946E-04	370934.6	3809709.7	493.5	5.00	4.65	
4.65	YES	NO						
L0001377	0	0.28946E-04	370934.4	3809719.7	493.2	5.00	4.65	
4.65	YES	NO						
L0001378	0	0.28946E-04	370934.3	3809729.7	492.9	5.00	4.65	
4.65	YES	NO						
L0001379	0	0.28946E-04	370934.1	3809739.7	492.6	5.00	4.65	
4.65	YES	NO						
L0001380	0	0.28946E-04	370934.0	3809749.7	492.4	5.00	4.65	
4.65	YES	NO						
L0001381	0	0.28946E-04	370933.8	3809759.7	492.1	5.00	4.65	
4.65	YES	NO						
L0001382	0	0.28946E-04	370933.6	3809769.7	491.8	5.00	4.65	
4.65	YES	NO						
L0001383	0	0.28946E-04	370933.5	3809779.7	491.5	5.00	4.65	
4.65	YES	NO						
L0001384	0	0.28946E-04	370933.3	3809789.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001385	0	0.28946E-04	370933.2	3809799.7	490.9	5.00	4.65	
4.65	YES	NO						
L0001386	0	0.28946E-04	370933.0	3809809.7	490.7	5.00	4.65	
4.65	YES	NO						
L0001387	0	0.28946E-04	370926.8	3809811.9	490.6	5.00	4.65	
4.65	YES	NO						
L0001388	0	0.28946E-04	370917.1	3809809.5	490.7	5.00	4.65	
4.65	YES	NO						
L0001389	0	0.28946E-04	370907.4	3809807.1	490.8	5.00	4.65	
4.65	YES	NO						
L0001390	0	0.28946E-04	370897.7	3809804.8	490.9	5.00	4.65	
4.65	YES	NO						
L0001391	0	0.28946E-04	370888.0	3809802.4	491.1	5.00	4.65	
4.65	YES	NO						

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 L0001392         0   0.28946E-04  370878.3 3809800.0   491.2     5.00     4.65
4.65     YES                     NO
 L0001393         0   0.28946E-04  370868.5 3809797.6   491.3     5.00     4.65
4.65     YES                     NO
 L0001394         0   0.28946E-04  370858.8 3809795.2   491.4     5.00     4.65
4.65     YES                     NO
 L0001395         0   0.28946E-04  370849.1 3809792.8   491.5     5.00     4.65
4.65     YES                     NO
 L0001396         0   0.28946E-04  370839.4 3809790.5   491.6     5.00     4.65
4.65     YES                     NO
 L0001397         0   0.28946E-04  370829.7 3809788.1   491.7     5.00     4.65
4.65     YES                     NO
 L0001398         0   0.28946E-04  370820.0 3809785.7   491.8     5.00     4.65
4.65     YES                     NO
 L0001399         0   0.28946E-04  370810.3 3809783.3   491.9     5.00     4.65
4.65     YES                     NO
 L0001400         0   0.28946E-04  370800.6 3809780.9   492.1     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001401         0   0.28946E-04  370790.8 3809778.6   492.2     5.00     4.65
4.65     YES                     NO
 L0001402         0   0.28946E-04  370781.1 3809776.2   492.3     5.00     4.65
4.65     YES                     NO
 L0001403         0   0.28946E-04  370771.4 3809773.8   492.4     5.00     4.65
4.65     YES                     NO
 L0001404         0   0.28946E-04  370761.7 3809771.4   492.5     5.00     4.65
4.65     YES                     NO
 L0001405         0   0.28946E-04  370752.0 3809769.0   492.6     5.00     4.65
4.65     YES                     NO
 L0001406         0   0.28946E-04  370744.9 3809762.4   492.8     5.00     4.65
4.65     YES                     NO
```

L0001407	0	0.28946E-04	370738.5	3809754.8	493.0	5.00	4.65	
4.65	YES	NO						
L0001408	0	0.28946E-04	370732.1	3809747.1	493.2	5.00	4.65	
4.65	YES	NO						
L0001409	0	0.28946E-04	370733.8	3809737.3	493.2	5.00	4.65	
4.65	YES	NO						
L0001410	0	0.28946E-04	370735.6	3809727.4	493.2	5.00	4.65	
4.65	YES	NO						
L0001411	0	0.28946E-04	370743.9	3809721.9	493.4	5.00	4.65	
4.65	YES	NO						
L0001412	0	0.28946E-04	370752.3	3809716.4	493.5	5.00	4.65	
4.65	YES	NO						
L0001413	0	0.28946E-04	370760.7	3809710.9	493.6	5.00	4.65	
4.65	YES	NO						
L0001414	0	0.28946E-04	370769.0	3809705.5	493.8	5.00	4.65	
4.65	YES	NO						
L0001415	0	0.28946E-04	370777.4	3809700.0	493.9	5.00	4.65	
4.65	YES	NO						
L0001416	0	0.28946E-04	370785.7	3809694.5	494.0	5.00	4.65	
4.65	YES	NO						
L0001417	0	0.28946E-04	370794.1	3809689.0	494.2	5.00	4.65	
4.65	YES	NO						
L0001418	0	0.28946E-04	370802.5	3809683.5	494.3	5.00	4.65	
4.65	YES	NO						
L0001419	0	0.28946E-04	370810.8	3809678.1	494.4	5.00	4.65	
4.65	YES	NO						
L0001420	0	0.28946E-04	370819.2	3809672.6	494.5	5.00	4.65	
4.65	YES	NO						
L0001421	0	0.28946E-04	370827.6	3809667.1	494.7	5.00	4.65	
4.65	YES	NO						
L0001422	0	0.28946E-04	370835.9	3809661.6	494.8	5.00	4.65	
4.65	YES	NO						
L0001423	0	0.28946E-04	370844.3	3809656.2	494.9	5.00	4.65	
4.65	YES	NO						
L0001424	0	0.28946E-04	370852.7	3809650.7	495.1	5.00	4.65	
4.65	YES	NO						
L0001425	0	0.28946E-04	370861.0	3809645.2	495.2	5.00	4.65	
4.65	YES	NO						
L0001426	0	0.28946E-04	370869.4	3809639.7	495.3	5.00	4.65	
4.65	YES	NO						
L0001427	0	0.28946E-04	370877.8	3809634.2	495.5	5.00	4.65	
4.65	YES	NO						
L0001428	0	0.28946E-04	370886.1	3809628.8	495.6	5.00	4.65	
4.65	YES	NO						
L0001429	0	0.28946E-04	370895.6	3809625.6	496.2	5.00	4.65	
4.65	YES	NO						
L0001430	0	0.28946E-04	370902.4	3809626.1	496.5	5.00	4.65	
4.65	YES	NO						
L0001431	0	0.28946E-04	370902.4	3809636.1	496.2	5.00	4.65	
4.65	YES	NO						

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 L0001432         0   0.28946E-04  370902.4 3809646.1   495.9     5.00     4.65
4.65     YES                     NO
 L0001433         0   0.28946E-04  370902.4 3809656.1   495.6     5.00     4.65
4.65     YES                     NO
 L0001434         0   0.28946E-04  370902.4 3809666.1   495.3     5.00     4.65
4.65     YES                     NO
 L0001435         0   0.28946E-04  370902.4 3809676.1   494.9     5.00     4.65
4.65     YES                     NO
 L0001436         0   0.28946E-04  370902.4 3809686.1   494.6     5.00     4.65
4.65     YES                     NO
 L0001437         0   0.28946E-04  370902.4 3809696.1   494.3     5.00     4.65
4.65     YES                     NO
 L0001438         0   0.28946E-04  370902.4 3809706.1   494.0     5.00     4.65
4.65     YES                     NO
 L0001439         0   0.28946E-04  370902.4 3809716.1   493.7     5.00     4.65
4.65     YES                     NO
 L0001440         0   0.28946E-04  370902.4 3809726.1   493.4     5.00     4.65
4.65     YES                     NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001441         0   0.28946E-04  370902.4 3809736.1   493.0     5.00     4.65
4.65     YES                     NO
 L0001442         0   0.28946E-04  370902.4 3809746.1   492.7     5.00     4.65
4.65     YES                     NO
 L0001443         0   0.28946E-04  370902.4 3809756.1   492.4     5.00     4.65
4.65     YES                     NO
 L0001444         0   0.28946E-04  370902.4 3809766.1   492.1     5.00     4.65
4.65     YES                     NO
 L0001445         0   0.28946E-04  370902.4 3809776.1   491.8     5.00     4.65
4.65     YES                     NO
 L0001446         0   0.28946E-04  370895.9 3809777.9   491.7     5.00     4.65
4.65     YES                     NO
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L0001447	0	0.28946E-04	370886.1	3809775.7	491.8	5.00	4.65	
4.65	YES	NO						
L0001448	0	0.28946E-04	370876.3	3809773.6	491.9	5.00	4.65	
4.65	YES	NO						
L0001449	0	0.28946E-04	370866.6	3809771.4	492.0	5.00	4.65	
4.65	YES	NO						
L0001450	0	0.28946E-04	370856.8	3809769.2	492.1	5.00	4.65	
4.65	YES	NO						
L0001451	0	0.28946E-04	370847.0	3809767.1	492.2	5.00	4.65	
4.65	YES	NO						
L0001452	0	0.28946E-04	370837.3	3809764.9	492.3	5.00	4.65	
4.65	YES	NO						
L0001453	0	0.28946E-04	370827.5	3809762.8	492.4	5.00	4.65	
4.65	YES	NO						
L0001454	0	0.28946E-04	370817.7	3809760.6	492.5	5.00	4.65	
4.65	YES	NO						
L0001455	0	0.28946E-04	370808.0	3809758.5	492.6	5.00	4.65	
4.65	YES	NO						
L0001456	0	0.28946E-04	370798.2	3809756.3	492.7	5.00	4.65	
4.65	YES	NO						
L0001457	0	0.28946E-04	370788.4	3809754.2	492.8	5.00	4.65	
4.65	YES	NO						
L0001458	0	0.28946E-04	370781.4	3809750.8	492.9	5.00	4.65	
4.65	YES	NO						
L0001459	0	0.28946E-04	370786.5	3809742.2	493.1	5.00	4.65	
4.65	YES	NO						
L0001460	0	0.28946E-04	370791.5	3809733.5	493.4	5.00	4.65	
4.65	YES	NO						
L0001461	0	0.28946E-04	370798.7	3809726.9	493.6	5.00	4.65	
4.65	YES	NO						
L0001462	0	0.28946E-04	370807.0	3809721.2	493.7	5.00	4.65	
4.65	YES	NO						
L0001463	0	0.28946E-04	370815.2	3809715.5	493.9	5.00	4.65	
4.65	YES	NO						
L0001464	0	0.28946E-04	370823.4	3809709.8	494.1	5.00	4.65	
4.65	YES	NO						
L0001465	0	0.28946E-04	370831.6	3809704.1	494.2	5.00	4.65	
4.65	YES	NO						
L0001466	0	0.28946E-04	370839.8	3809698.4	494.4	5.00	4.65	
4.65	YES	NO						
L0001467	0	0.28946E-04	370848.0	3809692.7	494.5	5.00	4.65	
4.65	YES	NO						
L0001468	0	0.28946E-04	370856.2	3809687.0	494.7	5.00	4.65	
4.65	YES	NO						
L0001469	0	0.28946E-04	370864.4	3809681.2	494.9	5.00	4.65	
4.65	YES	NO						
L0001470	0	0.28946E-04	370872.6	3809675.5	495.0	5.00	4.65	
4.65	YES	NO						
L0001471	0	0.28946E-04	370875.5	3809679.9	494.9	5.00	4.65	
4.65	YES	NO						

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0000006   , L0000007   , L0000008   ,

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L0000014   , L0000015   , L0000016   ,

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L0000022   , L0000023   , L0000024   ,

             L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
L0000030   , L0000031   , L0000032   ,

             L0000033   , L0000034   , L0000035   , L0000036   , L0000037   ,
L0000038   , L0000039   , L0000040   ,

             L0000041   , L0000042   , L0000043   , L0000044   , L0000045   ,
L0000046   , L0000047   , L0000048   ,

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L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

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L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

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L0000134    , L0000135    , L0000136    ,

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L0000142    , L0000143    , L0000144    ,

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L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
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L0000286   , L0000287   , L0000288   ,

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L0000294   , L0000295   , L0000296   ,

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L0000310   , L0000311   , L0000312   ,

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L0000318   , L0000319   , L0000320   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000321   , L0000322   , L0000323   , L0000324   , L0000325   ,
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L0000342   , L0000343   , L0000344   ,

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L0000358   , L0000359   , L0000360   ,

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L0000398    , L0000399    , L0000400    ,

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L0000478    , L0000479    , L0000480    ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
	L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 , L0000487 , L0000488 ,
	L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 , L0000495 , L0000496 ,
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	L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,
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L0000617 , L0000618 , L0000619 , L0000620 , L0000621 ,
L0000622 , L0000623 , L0000624 ,

L0000625 , L0000626 , L0000627 , L0000628 , L0000629 ,
L0000630 , L0000631 , L0000632 ,

L0000633 , L0000634 , L0000635 , L0000636 , L0000637 ,
L0000638 , L0000639 , L0000640 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000641 , L0000642 , L0000643 , L0000644 , L0000645 ,
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L0000678 , L0000679 , L0000680 ,

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L0000689 , L0000690 , L0000691 , L0000692 , L0000693 ,
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L0000718    , L0000719    , L0000720    ,

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L0000726    , L0000727    , L0000728    ,

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L0000782    , L0000783    , L0000784    ,

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↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0000966 , L0000967 , L0000968 ,

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L0000998 , L0000999 , L0001000 ,

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L0001006 , L0001007 , L0001008 ,

L0001009 , L0001010 , L0001011 , L0001012 , L0001013 ,
L0001014 , L0001015 , L0001016 ,

L0001017 , L0001018 , L0001019 , L0001020 , L0001021 ,
L0001022 , L0001023 , L0001024 ,

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L0001102    , L0001103    , L0001104    ,

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L0001110    , L0001111    , L0001112    ,

             L0001113    , L0001114    , L0001115    , L0001116    , L0001117    ,
L0001118    , L0001119    , L0001120    ,
↑ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0001126    , L0001127    , L0001128    ,

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L0001134    , L0001135    , L0001136    ,

            L0001137    , L0001138    , L0001139    , L0001140    , L0001141    ,
L0001142    , L0001143    , L0001144    ,

            L0001145    , L0001146    , L0001147    , L0001148    , L0001149    ,
L0001150    , L0001151    , L0001152    ,

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L0001158    , L0001159    , L0001160    ,

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L0001166    , L0001167    , L0001168    ,

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L0001174    , L0001175    , L0001176    ,

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L0001182    , L0001183    , L0001184    ,

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L0001190    , L0001191    , L0001192    ,

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L0001206    , L0001207    , L0001208    ,

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L0001214    , L0001215    , L0001216    ,

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L0001222    , L0001223    , L0001224    ,

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L0001230    , L0001231    , L0001232    ,

            L0001233    , L0001234    , L0001235    , L0001236    , L0001237    ,
L0001238    , L0001239    , L0001240    ,

            L0001241    , L0001242    , L0001243    , L0001244    , L0001245    ,
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L0001270   , L0001271   , L0001272   ,

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L0001278   , L0001279   , L0001280   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0001310   , L0001311   , L0001312   ,

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L0001366    , L0001367    , L0001368    ,

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L0001382    , L0001383    , L0001384    ,

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L0001390    , L0001391    , L0001392    ,

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L0001398    , L0001399    , L0001400    ,

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L0001438    , L0001439    , L0001440    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0001462   , L0001463   , L0001464   ,

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L0001470   , L0001471   , L0001472   ,

             L0001473   , L0001474   , L0001475   , L0001476   , L0001477   ,
L0001478   , L0001479   , L0001480   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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L0000014   , L0000015   , L0000016   ,

             L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   ,

             L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
L0000030   , L0000031   , L0000032   ,

             L0000033   , L0000034   , L0000035   , L0000036   , L0000037   ,
L0000038   , L0000039   , L0000040   ,

             L0000041   , L0000042   , L0000043   , L0000044   , L0000045   ,
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L0000070    , L0000071    , L0000072    ,

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L0000110    , L0000111    , L0000112    ,

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L0000118    , L0000119    , L0000120    ,

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L0000126    , L0000127    , L0000128    ,

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L0000158    , L0000159    , L0000160    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,	
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,	
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,	
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,	
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,	
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,	
	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,	
	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,	
	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,	
	L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,	
	L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 ,	
	L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , L0000270 , L0000271 , L0000272 ,	
	L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 , L0000280 ,	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0000321 , L0000322 , L0000323 , L0000324 , L0000325 ,
L0000326 , L0000327 , L0000328 ,

L0000329 , L0000330 , L0000331 , L0000332 , L0000333 ,
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L0000337 , L0000338 , L0000339 , L0000340 , L0000341 ,
L0000342 , L0000343 , L0000344 ,

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L0000398    , L0000399    , L0000400    ,

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L0000406    , L0000407    , L0000408    ,

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L0000430    , L0000431    , L0000432    ,

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L0000438    , L0000439    , L0000440    ,

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L0000478    , L0000479    , L0000480    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
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	L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 , L0000503 , L0000504 ,	
	L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,	
	L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 ,	
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	L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 ,	
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L0000622    , L0000623    , L0000624    ,

             L0000625    , L0000626    , L0000627    , L0000628    , L0000629    ,
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 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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URBAN ID	URBAN POP	SOURCE IDs
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		L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
		L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
		L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
		L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,
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		L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,
		L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 ,
		L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,
		L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,
		L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,
		L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0000961 , L0000962 , L0000963 , L0000964 , L0000965 ,
L0000966 , L0000967 , L0000968 ,

L0000969 , L0000970 , L0000971 , L0000972 , L0000973 ,
L0000974 , L0000975 , L0000976 ,

L0000977 , L0000978 , L0000979 , L0000980 , L0000981 ,
L0000982 , L0000983 , L0000984 ,

L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,
L0000990 , L0000991 , L0000992 ,

L0000993 , L0000994 , L0000995 , L0000996 , L0000997 ,
L0000998 , L0000999 , L0001000 ,

L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,
L0001006 , L0001007 , L0001008 ,

L0001009 , L0001010 , L0001011 , L0001012 , L0001013 ,
L0001014 , L0001015 , L0001016 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 ,	
	L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,	
	L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,	
	L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,	
	L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,	
	L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,	
	L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 , L0001176 ,	
	L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,	
	L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 ,	
	L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,	
	L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,	
	L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 ,	
	L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 ,	
	L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 , L0001232 ,	
	L0001233 , L0001234 , L0001235 , L0001236 , L0001237 , L0001238 , L0001239 , L0001240 ,	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0001281 , L0001282 , L0001283 , L0001284 , L0001285 ,
L0001286 , L0001287 , L0001288 ,

L0001289 , L0001290 , L0001291 , L0001292 , L0001293 ,
L0001294 , L0001295 , L0001296 ,

L0001297 , L0001298 , L0001299 , L0001300 , L0001301 ,
L0001302 , L0001303 , L0001304 ,

L0001305 , L0001306 , L0001307 , L0001308 , L0001309 ,
L0001310 , L0001311 , L0001312 ,

L0001313 , L0001314 , L0001315 , L0001316 , L0001317 ,
L0001318 , L0001319 , L0001320 ,

L0001321 , L0001322 , L0001323 , L0001324 , L0001325 ,
L0001326 , L0001327 , L0001328 ,

L0001329 , L0001330 , L0001331 , L0001332 , L0001333 ,
L0001334 , L0001335 , L0001336 ,

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             L0001337    , L0001338    , L0001339    , L0001340    , L0001341    ,
L0001342    , L0001343    , L0001344    ,

             L0001345    , L0001346    , L0001347    , L0001348    , L0001349    ,
L0001350    , L0001351    , L0001352    ,

             L0001353    , L0001354    , L0001355    , L0001356    , L0001357    ,
L0001358    , L0001359    , L0001360    ,

             L0001361    , L0001362    , L0001363    , L0001364    , L0001365    ,
L0001366    , L0001367    , L0001368    ,

             L0001369    , L0001370    , L0001371    , L0001372    , L0001373    ,
L0001374    , L0001375    , L0001376    ,

             L0001377    , L0001378    , L0001379    , L0001380    , L0001381    ,
L0001382    , L0001383    , L0001384    ,

             L0001385    , L0001386    , L0001387    , L0001388    , L0001389    ,
L0001390    , L0001391    , L0001392    ,

             L0001393    , L0001394    , L0001395    , L0001396    , L0001397    ,
L0001398    , L0001399    , L0001400    ,

             L0001401    , L0001402    , L0001403    , L0001404    , L0001405    ,
L0001406    , L0001407    , L0001408    ,

             L0001409    , L0001410    , L0001411    , L0001412    , L0001413    ,
L0001414    , L0001415    , L0001416    ,

             L0001417    , L0001418    , L0001419    , L0001420    , L0001421    ,
L0001422    , L0001423    , L0001424    ,

             L0001425    , L0001426    , L0001427    , L0001428    , L0001429    ,
L0001430    , L0001431    , L0001432    ,

             L0001433    , L0001434    , L0001435    , L0001436    , L0001437    ,
L0001438    , L0001439    , L0001440    ,
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 ,

L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 ,

L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 ,

L0001465 , L0001466 , L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 ,

L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370795.7, 3808683.7, 0.0, 0.0, 0.0); (370772.5, 3808674.5, 0.0, 0.0, 0.0);
(370799.8, 3808653.9, 0.0, 0.0, 0.0); (370749.3, 3808665.2, 0.0, 0.0, 0.0);
(370767.6, 3808645.4, 0.0, 0.0, 0.0); (370788.8, 3808631.5, 0.0, 0.0, 0.0);
(370815.6, 3808629.1, 0.0, 0.0, 0.0); (370726.1, 3808655.9, 0.0, 0.0, 0.0);
(370744.4, 3808636.1, 0.0, 0.0, 0.0); (370762.7, 3808616.4, 0.0, 0.0, 0.0);
(370786.7, 3808608.2, 0.0, 0.0, 0.0); (370813.5, 3808605.8, 0.0, 0.0, 0.0);
(370633.2, 3808618.8, 0.0, 0.0, 0.0); (370651.5, 3808599.0, 0.0, 0.0, 0.0);
(370669.8, 3808579.3, 0.0, 0.0, 0.0); (370688.1, 3808559.5, 0.0, 0.0, 0.0);
(370706.4, 3808539.8, 0.0, 0.0, 0.0); (370733.7, 3808519.2, 0.0, 0.0, 0.0);
(370760.5, 3808516.9, 0.0, 0.0, 0.0); (370787.3,

```
3808514.5,       0.0,       0.0,       0.0);
     ( 370814.1, 3808512.1,       0.0,       0.0,       0.0);         ( 370841.0,
3808509.7,       0.0,       0.0,       0.0);
     ( 370540.4, 3808581.7,       0.0,       0.0,       0.0);         ( 370558.7,
3808561.9,       0.0,       0.0,       0.0);
     ( 370577.0, 3808542.2,       0.0,       0.0,       0.0);         ( 370595.3,
3808522.4,       0.0,       0.0,       0.0);
     ( 370613.6, 3808502.7,       0.0,       0.0,       0.0);         ( 370631.9,
3808482.9,       0.0,       0.0,       0.0);
     ( 370650.2, 3808463.2,       0.0,       0.0,       0.0);         ( 370668.5,
3808443.4,       0.0,       0.0,       0.0);
     ( 370689.6, 3808429.5,       0.0,       0.0,       0.0);         ( 370716.4,
3808427.1,       0.0,       0.0,       0.0);
     ( 370743.2, 3808424.7,       0.0,       0.0,       0.0);         ( 370770.1,
3808422.3,       0.0,       0.0,       0.0);
     ( 370796.9, 3808419.9,       0.0,       0.0,       0.0);         ( 370823.7,
3808417.5,       0.0,       0.0,       0.0);
     ( 370850.5, 3808415.1,       0.0,       0.0,       0.0);         ( 370877.3,
3808412.7,       0.0,       0.0,       0.0);
     ( 370447.5, 3808544.6,       0.0,       0.0,       0.0);         ( 370465.8,
3808524.8,       0.0,       0.0,       0.0);
     ( 370484.1, 3808505.1,       0.0,       0.0,       0.0);         ( 370502.4,
3808485.3,       0.0,       0.0,       0.0);
     ( 370520.7, 3808465.6,       0.0,       0.0,       0.0);         ( 370539.0,
3808445.8,       0.0,       0.0,       0.0);
     ( 370557.3, 3808426.1,       0.0,       0.0,       0.0);         ( 370575.6,
3808406.3,       0.0,       0.0,       0.0);
     ( 370593.9, 3808386.6,       0.0,       0.0,       0.0);         ( 370612.2,
3808366.8,       0.0,       0.0,       0.0);
     ( 370630.5, 3808347.1,       0.0,       0.0,       0.0);         ( 370654.5,
3808338.9,       0.0,       0.0,       0.0);
     ( 370681.3, 3808336.5,       0.0,       0.0,       0.0);         ( 370708.1,
3808334.1,       0.0,       0.0,       0.0);
     ( 370735.0, 3808331.7,       0.0,       0.0,       0.0);         ( 370761.8,
3808329.3,       0.0,       0.0,       0.0);
     ( 370788.6, 3808326.9,       0.0,       0.0,       0.0);         ( 370815.4,
3808324.5,       0.0,       0.0,       0.0);
     ( 370842.2, 3808322.1,       0.0,       0.0,       0.0);         ( 370869.1,
3808319.8,       0.0,       0.0,       0.0);
     ( 370895.9, 3808317.4,       0.0,       0.0,       0.0);         ( 370354.6,
3808507.5,       0.0,       0.0,       0.0);
     ( 370372.9, 3808487.8,       0.0,       0.0,       0.0);         ( 370391.2,
3808468.0,       0.0,       0.0,       0.0);
     ( 370409.5, 3808448.2,       0.0,       0.0,       0.0);         ( 370427.8,
3808428.5,       0.0,       0.0,       0.0);
     ( 370446.1, 3808408.7,       0.0,       0.0,       0.0);         ( 370464.5,
3808389.0,       0.0,       0.0,       0.0);
     ( 370482.8, 3808369.2,       0.0,       0.0,       0.0);         ( 370501.0,
3808349.5,       0.0,       0.0,       0.0);
     ( 370519.3, 3808329.7,       0.0,       0.0,       0.0);         ( 370537.6,
```

3808310.0,   0.0,   0.0,   0.0);
     (370556.0, 3808290.2,   0.0,   0.0,   0.0);   (370574.2,
3808270.5,   0.0,   0.0,   0.0);
     (370601.5, 3808249.9,   0.0,   0.0,   0.0);   (370628.3,
3808247.5,   0.0,   0.0,   0.0);
     (370655.1, 3808245.1,   0.0,   0.0,   0.0);   (370682.0,
3808242.8,   0.0,   0.0,   0.0);
     (370708.8, 3808240.4,   0.0,   0.0,   0.0);   (370735.6,
3808238.0,   0.0,   0.0,   0.0);
     (370762.4, 3808235.6,   0.0,   0.0,   0.0);   (370789.2,
3808233.2,   0.0,   0.0,   0.0);
     (370816.1, 3808230.8,   0.0,   0.0,   0.0);   (370842.9,
3808228.4,   0.0,   0.0,   0.0);
     (370869.7, 3808226.0,   0.0,   0.0,   0.0);   (370896.5,
3808223.6,   0.0,   0.0,   0.0);
     (370923.3, 3808221.2,   0.0,   0.0,   0.0);   (370261.8,
3808470.4,   0.0,   0.0,   0.0);
     (370280.1, 3808450.6,   0.0,   0.0,   0.0);   (370298.4,
3808430.9,   0.0,   0.0,   0.0);
     (370316.7, 3808411.1,   0.0,   0.0,   0.0);   (370335.0,
3808391.4,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370353.3, 3808371.6,   0.0,   0.0,   0.0);   (370371.6,
3808351.9,   0.0,   0.0,   0.0);
     (370389.9, 3808332.1,   0.0,   0.0,   0.0);   (370408.2,
3808312.4,   0.0,   0.0,   0.0);
     (370426.5, 3808292.6,   0.0,   0.0,   0.0);   (370444.8,
3808272.9,   0.0,   0.0,   0.0);
     (370463.1, 3808253.1,   0.0,   0.0,   0.0);   (370481.4,
3808233.4,   0.0,   0.0,   0.0);
     (370499.7, 3808213.6,   0.0,   0.0,   0.0);   (370518.0,
3808193.9,   0.0,   0.0,   0.0);
     (370536.3, 3808174.1,   0.0,   0.0,   0.0);   (370557.4,
3808160.2,   0.0,   0.0,   0.0);
     (370584.3, 3808157.8,   0.0,   0.0,   0.0);   (370611.1,
3808155.4,   0.0,   0.0,   0.0);
     (370637.9, 3808153.0,   0.0,   0.0,   0.0);   (370664.7,
3808150.6,   0.0,   0.0,   0.0);
     (370691.5, 3808148.2,   0.0,   0.0,   0.0);   (370718.4,

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3808145.8,       0.0,       0.0,       0.0);
     ( 370745.2, 3808143.4,       0.0,       0.0,       0.0);         ( 370772.0,
3808141.0,       0.0,       0.0,       0.0);
     ( 370798.8, 3808138.6,       0.0,       0.0,       0.0);         ( 370825.6,
3808136.2,       0.0,       0.0,       0.0);
     ( 370852.5, 3808133.8,       0.0,       0.0,       0.0);         ( 370879.3,
3808131.4,       0.0,       0.0,       0.0);
     ( 370906.1, 3808129.0,       0.0,       0.0,       0.0);         ( 370932.9,
3808126.6,       0.0,       0.0,       0.0);
     ( 370959.7, 3808124.2,       0.0,       0.0,       0.0);         ( 370784.7,
3808704.5,       0.0,       0.0,       0.0);
     ( 370779.1, 3808743.4,       0.0,       0.0,       0.0);         ( 370760.0,
3808700.9,       0.0,       0.0,       0.0);
     ( 370754.3, 3808739.8,       0.0,       0.0,       0.0);         ( 370735.2,
3808697.3,       0.0,       0.0,       0.0);
     ( 370729.6, 3808736.2,       0.0,       0.0,       0.0);         ( 370713.6,
3808682.3,       0.0,       0.0,       0.0);
     ( 370707.7, 3808713.2,       0.0,       0.0,       0.0);         ( 370702.0,
3808752.1,       0.0,       0.0,       0.0);
     ( 370615.6, 3808664.2,       0.0,       0.0,       0.0);         ( 370608.7,
3808698.8,       0.0,       0.0,       0.0);
     ( 370603.1, 3808737.8,       0.0,       0.0,       0.0);         ( 370517.1,
3808648.0,       0.0,       0.0,       0.0);
     ( 370526.3, 3808613.8,       0.0,       0.0,       0.0);         ( 370509.8,
3808684.5,       0.0,       0.0,       0.0);
     ( 370504.1, 3808723.4,       0.0,       0.0,       0.0);         ( 370418.5,
3808632.5,       0.0,       0.0,       0.0);
     ( 370428.2, 3808596.1,       0.0,       0.0,       0.0);         ( 370410.8,
3808670.1,       0.0,       0.0,       0.0);
     ( 370405.1, 3808709.1,       0.0,       0.0,       0.0);         ( 370319.7,
3808617.4,       0.0,       0.0,       0.0);
     ( 370329.9, 3808579.4,       0.0,       0.0,       0.0);         ( 370340.1,
3808541.5,       0.0,       0.0,       0.0);
     ( 370311.8, 3808655.8,       0.0,       0.0,       0.0);         ( 370306.2,
3808694.7,       0.0,       0.0,       0.0);
     ( 370220.2, 3808604.9,       0.0,       0.0,       0.0);         ( 370229.4,
3808570.8,       0.0,       0.0,       0.0);
     ( 370238.6, 3808536.6,       0.0,       0.0,       0.0);         ( 370247.7,
3808502.5,       0.0,       0.0,       0.0);
     ( 370212.8, 3808641.5,       0.0,       0.0,       0.0);         ( 370207.2,
3808680.4,       0.0,       0.0,       0.0);
     ( 370771.8, 3808772.6,       0.0,       0.0,       0.0);         ( 370748.5,
3808763.5,       0.0,       0.0,       0.0);
     ( 370719.3, 3808769.7,       0.0,       0.0,       0.0);         ( 370768.9,
3808811.6,       0.0,       0.0,       0.0);
     ( 370793.5, 3808845.4,       0.0,       0.0,       0.0);         ( 370744.1,
3808814.8,       0.0,       0.0,       0.0);
     ( 370741.1, 3808791.0,       0.0,       0.0,       0.0);         ( 370761.0,
3808843.2,       0.0,       0.0,       0.0);
     ( 370721.6, 3808823.7,       0.0,       0.0,       0.0);         ( 370740.7,
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3808857.8,   0.0,   0.0,   0.0);
     (370702.1, 3808840.3,   0.0,   0.0,   0.0);   (370692.0,
3808793.3,   0.0,   0.0,   0.0);
     (370720.5, 3808872.5,   0.0,   0.0,   0.0);   (370620.0,
3808895.9,   0.0,   0.0,   0.0);
     (370605.4, 3808859.2,   0.0,   0.0,   0.0);   (370593.2,
3808802.8,   0.0,   0.0,   0.0);
     (370598.0, 3808763.6,   0.0,   0.0,   0.0);   (370639.5,
3808931.2,   0.0,   0.0,   0.0);
     (370539.5, 3808955.8,   0.0,   0.0,   0.0);   (370525.8,
3808921.3,   0.0,   0.0,   0.0);
     (370512.1, 3808886.9,   0.0,   0.0,   0.0);   (370498.5,
3808852.5,   0.0,   0.0,   0.0);
     (370493.9, 3808816.9,   0.0,   0.0,   0.0);   (370498.3,
3808780.1,   0.0,   0.0,   0.0);
     (370558.6, 3808989.9,   0.0,   0.0,   0.0);   (370458.0,
3809013.3,   0.0,   0.0,   0.0);
     (370443.5, 3808976.6,   0.0,   0.0,   0.0);   (370428.9,
3808939.9,   0.0,   0.0,   0.0);
     (370414.3, 3808903.1,   0.0,   0.0,   0.0);   (370399.7,
3808866.4,   0.0,   0.0,   0.0);
     (370394.8, 3808828.4,   0.0,   0.0,   0.0);   (370399.6,
3808789.2,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370404.4, 3808749.9,   0.0,   0.0,   0.0);   (370477.6,
3809048.6,   0.0,   0.0,   0.0);
     (370376.8, 3809071.3,   0.0,   0.0,   0.0);   (370361.6,
3809033.0,   0.0,   0.0,   0.0);
     (370346.4, 3808994.8,   0.0,   0.0,   0.0);   (370331.2,
3808956.5,   0.0,   0.0,   0.0);
     (370316.0, 3808918.2,   0.0,   0.0,   0.0);   (370300.9,
3808879.9,   0.0,   0.0,   0.0);
     (370295.8, 3808840.4,   0.0,   0.0,   0.0);   (370300.7,
3808799.5,   0.0,   0.0,   0.0);
     (370305.7, 3808758.6,   0.0,   0.0,   0.0);   (370310.7,
3808717.8,   0.0,   0.0,   0.0);
     (370396.7, 3809107.3,   0.0,   0.0,   0.0);   (370296.1,
3809130.8,   0.0,   0.0,   0.0);
     (370281.6, 3809094.0,   0.0,   0.0,   0.0);   (370267.0,

```
3809057.3,       0.0,       0.0,       0.0);
     ( 370252.4, 3809020.5,       0.0,       0.0,       0.0);         ( 370237.8,
3808983.8,       0.0,       0.0,       0.0);
     ( 370223.2, 3808947.1,       0.0,       0.0,       0.0);         ( 370208.7,
3808910.3,       0.0,       0.0,       0.0);
     ( 370196.5, 3808854.0,       0.0,       0.0,       0.0);         ( 370201.3,
3808814.8,       0.0,       0.0,       0.0);
     ( 370206.0, 3808775.5,       0.0,       0.0,       0.0);         ( 370210.8,
3808736.3,       0.0,       0.0,       0.0);
     ( 370315.7, 3809166.0,       0.0,       0.0,       0.0);         ( 370621.8,
3808774.3,       0.0,       0.0,       0.0);
     ( 370525.9, 3808746.1,       0.0,       0.0,       0.0);         ( 370429.9,
3808717.9,       0.0,       0.0,       0.0);
     ( 370334.0, 3808689.7,       0.0,       0.0,       0.0);         ( 370238.1,
3808661.5,       0.0,       0.0,       0.0);
     ( 370782.0, 3808878.9,       0.0,       0.0,       0.0);         ( 370757.1,
3808877.1,       0.0,       0.0,       0.0);
     ( 370612.5, 3808816.8,       0.0,       0.0,       0.0);         ( 370316.2,
3808779.4,       0.0,       0.0,       0.0);
     ( 370228.1, 3808707.5,       0.0,       0.0,       0.0);         ( 370773.1,
3808925.1,       0.0,       0.0,       0.0);
     ( 370748.5, 3808920.4,       0.0,       0.0,       0.0);         ( 370723.9,
3808915.8,       0.0,       0.0,       0.0);
     ( 370699.4, 3808911.1,       0.0,       0.0,       0.0);         ( 370772.5,
3808952.9,       0.0,       0.0,       0.0);
     ( 370772.3, 3808976.2,       0.0,       0.0,       0.0);         ( 370772.1,
3808999.6,       0.0,       0.0,       0.0);
     ( 370771.9, 3809023.0,       0.0,       0.0,       0.0);         ( 370771.8,
3809046.3,       0.0,       0.0,       0.0);
     ( 370771.6, 3809069.7,       0.0,       0.0,       0.0);         ( 370771.4,
3809093.0,       0.0,       0.0,       0.0);
     ( 370771.3, 3809116.4,       0.0,       0.0,       0.0);         ( 370771.1,
3809139.7,       0.0,       0.0,       0.0);
     ( 370770.9, 3809163.1,       0.0,       0.0,       0.0);         ( 370747.5,
3808952.7,       0.0,       0.0,       0.0);
     ( 370747.3, 3808976.1,       0.0,       0.0,       0.0);         ( 370747.1,
3808999.4,       0.0,       0.0,       0.0);
     ( 370747.0, 3809022.8,       0.0,       0.0,       0.0);         ( 370746.8,
3809046.1,       0.0,       0.0,       0.0);
     ( 370746.6, 3809069.5,       0.0,       0.0,       0.0);         ( 370746.4,
3809092.8,       0.0,       0.0,       0.0);
     ( 370746.3, 3809116.2,       0.0,       0.0,       0.0);         ( 370746.1,
3809139.5,       0.0,       0.0,       0.0);
     ( 370745.9, 3809162.9,       0.0,       0.0,       0.0);         ( 370722.5,
3808952.5,       0.0,       0.0,       0.0);
     ( 370722.3, 3808975.9,       0.0,       0.0,       0.0);         ( 370722.1,
3808999.2,       0.0,       0.0,       0.0);
     ( 370722.0, 3809022.6,       0.0,       0.0,       0.0);         ( 370721.8,
3809045.9,       0.0,       0.0,       0.0);
     ( 370721.6, 3809069.3,       0.0,       0.0,       0.0);         ( 370721.4,
```

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3809092.6,       0.0,       0.0,       0.0);
     ( 370721.3, 3809116.0,       0.0,       0.0,       0.0);         ( 370721.1,
3809139.4,       0.0,       0.0,       0.0);
     ( 370720.9, 3809162.7,       0.0,       0.0,       0.0);         ( 370697.5,
3808952.4,       0.0,       0.0,       0.0);
     ( 370697.3, 3808975.7,       0.0,       0.0,       0.0);         ( 370697.1,
3808999.1,       0.0,       0.0,       0.0);
     ( 370697.0, 3809022.4,       0.0,       0.0,       0.0);         ( 370696.8,
3809045.8,       0.0,       0.0,       0.0);
     ( 370696.6, 3809069.1,       0.0,       0.0,       0.0);         ( 370696.4,
3809092.5,       0.0,       0.0,       0.0);
     ( 370696.3, 3809115.8,       0.0,       0.0,       0.0);         ( 370696.1,
3809139.2,       0.0,       0.0,       0.0);
     ( 370695.9, 3809162.5,       0.0,       0.0,       0.0);         ( 370599.4,
3808910.4,       0.0,       0.0,       0.0);
     ( 370597.5, 3808951.6,       0.0,       0.0,       0.0);         ( 370597.3,
3808975.0,       0.0,       0.0,       0.0);
     ( 370597.1, 3808998.3,       0.0,       0.0,       0.0);         ( 370597.0,
3809021.7,       0.0,       0.0,       0.0);
     ( 370596.8, 3809045.0,       0.0,       0.0,       0.0);         ( 370596.6,
3809068.4,       0.0,       0.0,       0.0);
     ( 370596.4, 3809091.8,       0.0,       0.0,       0.0);         ( 370596.3,
3809115.1,       0.0,       0.0,       0.0);
     ( 370596.1, 3809138.4,       0.0,       0.0,       0.0);         ( 370595.9,
3809161.8,       0.0,       0.0,       0.0);
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       06:42:51

                                  PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 370499.4, 3808909.6,       0.0,       0.0,       0.0);         ( 370497.5,
3808950.9,       0.0,       0.0,       0.0);
     ( 370497.3, 3808974.3,       0.0,       0.0,       0.0);         ( 370497.1,
3808997.6,       0.0,       0.0,       0.0);
     ( 370497.0, 3809021.0,       0.0,       0.0,       0.0);         ( 370496.6,
3809067.7,       0.0,       0.0,       0.0);
     ( 370496.4, 3809091.0,       0.0,       0.0,       0.0);         ( 370496.3,
3809114.4,       0.0,       0.0,       0.0);
     ( 370496.1, 3809137.7,       0.0,       0.0,       0.0);         ( 370495.9,
3809161.1,       0.0,       0.0,       0.0);
     ( 370397.6, 3808926.8,       0.0,       0.0,       0.0);         ( 370397.5,
3808950.2,       0.0,       0.0,       0.0);
     ( 370397.3, 3808973.5,       0.0,       0.0,       0.0);         ( 370397.1,
```

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3808996.9,       0.0,       0.0,       0.0);
     ( 370397.0, 3809020.2,       0.0,       0.0,       0.0);         ( 370396.8,
3809043.6,       0.0,       0.0,       0.0);
     ( 370396.1, 3809137.0,       0.0,       0.0,       0.0);         ( 370395.9,
3809160.4,       0.0,       0.0,       0.0);
     ( 370297.5, 3808949.5,       0.0,       0.0,       0.0);         ( 370297.3,
3808972.8,       0.0,       0.0,       0.0);
     ( 370297.1, 3808996.2,       0.0,       0.0,       0.0);         ( 370297.0,
3809019.5,       0.0,       0.0,       0.0);
     ( 370296.8, 3809042.9,       0.0,       0.0,       0.0);         ( 370296.6,
3809066.2,       0.0,       0.0,       0.0);
     ( 370201.8, 3808882.4,       0.0,       0.0,       0.0);         ( 370197.5,
3808948.7,       0.0,       0.0,       0.0);
     ( 370197.3, 3808972.1,       0.0,       0.0,       0.0);         ( 370197.1,
3808995.4,       0.0,       0.0,       0.0);
     ( 370197.0, 3809018.8,       0.0,       0.0,       0.0);         ( 370196.8,
3809042.1,       0.0,       0.0,       0.0);
     ( 370196.6, 3809065.5,       0.0,       0.0,       0.0);         ( 370196.5,
3809088.8,       0.0,       0.0,       0.0);
     ( 370196.3, 3809112.2,       0.0,       0.0,       0.0);         ( 370196.1,
3809135.6,       0.0,       0.0,       0.0);
     ( 370196.0, 3809158.9,       0.0,       0.0,       0.0);         ( 370770.9,
3809206.2,       0.0,       0.0,       0.0);
     ( 370770.9, 3809249.2,       0.0,       0.0,       0.0);         ( 370745.9,
3809206.2,       0.0,       0.0,       0.0);
     ( 370745.9, 3809249.2,       0.0,       0.0,       0.0);         ( 370720.9,
3809206.2,       0.0,       0.0,       0.0);
     ( 370720.9, 3809249.2,       0.0,       0.0,       0.0);         ( 370695.9,
3809206.2,       0.0,       0.0,       0.0);
     ( 370695.9, 3809249.2,       0.0,       0.0,       0.0);         ( 370595.9,
3809184.7,       0.0,       0.0,       0.0);
     ( 370595.9, 3809227.7,       0.0,       0.0,       0.0);         ( 370595.9,
3809270.7,       0.0,       0.0,       0.0);
     ( 370495.9, 3809184.7,       0.0,       0.0,       0.0);         ( 370495.9,
3809227.7,       0.0,       0.0,       0.0);
     ( 370495.9, 3809270.7,       0.0,       0.0,       0.0);         ( 370395.9,
3809184.7,       0.0,       0.0,       0.0);
     ( 370395.9, 3809227.7,       0.0,       0.0,       0.0);         ( 370395.9,
3809270.7,       0.0,       0.0,       0.0);
     ( 370295.9, 3809184.7,       0.0,       0.0,       0.0);         ( 370295.9,
3809227.7,       0.0,       0.0,       0.0);
     ( 370295.9, 3809270.7,       0.0,       0.0,       0.0);         ( 370195.9,
3809184.7,       0.0,       0.0,       0.0);
     ( 370195.9, 3809227.7,       0.0,       0.0,       0.0);         ( 370195.9,
3809270.7,       0.0,       0.0,       0.0);
     ( 370795.6, 3809245.7,       0.0,       0.0,       0.0);         ( 370795.2,
3809220.7,       0.0,       0.0,       0.0);
     ( 370794.8, 3809195.7,       0.0,       0.0,       0.0);         ( 370794.5,
3809170.7,       0.0,       0.0,       0.0);
     ( 370712.0, 3809285.8,       0.0,       0.0,       0.0);         ( 370687.2,
```

3809282.2,   0.0,   0.0,   0.0);
     (370673.2, 3809245.7,   0.0,   0.0,   0.0);   (370662.5,
3809278.7,   0.0,   0.0,   0.0);
     (370648.5, 3809242.2,   0.0,   0.0,   0.0);   (370664.9,
3809211.7,   0.0,   0.0,   0.0);
     (370705.5, 3809184.0,   0.0,   0.0,   0.0);   (370637.7,
3809275.2,   0.0,   0.0,   0.0);
     (370549.5, 3809228.0,   0.0,   0.0,   0.0);   (370565.9,
3809197.6,   0.0,   0.0,   0.0);
     (370623.2, 3809115.2,   0.0,   0.0,   0.0);   (370655.5,
3809102.7,   0.0,   0.0,   0.0);
     (370538.7, 3809261.0,   0.0,   0.0,   0.0);   (370450.5,
3809213.9,   0.0,   0.0,   0.0);
     (370467.0, 3809183.4,   0.0,   0.0,   0.0);   (370524.6,
3809076.8,   0.0,   0.0,   0.0);
     (370557.2, 3809040.1,   0.0,   0.0,   0.0);   (370621.8,
3809015.2,   0.0,   0.0,   0.0);
     (370654.0, 3809002.7,   0.0,   0.0,   0.0);   (370439.7,
3809246.9,   0.0,   0.0,   0.0);
     (370351.5, 3809199.7,   0.0,   0.0,   0.0);   (370368.0,
3809169.3,   0.0,   0.0,   0.0);
     (370417.3, 3809077.9,   0.0,   0.0,   0.0);   (370433.8,
3809047.4,   0.0,   0.0,   0.0);
     (370466.7, 3808986.5,   0.0,   0.0,   0.0);   (370571.8,
3808933.9,   0.0,   0.0,   0.0);
     (370652.6, 3808902.8,   0.0,   0.0,   0.0);   (370684.9,
3808890.3,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370340.7, 3809232.7,   0.0,   0.0,   0.0);   (370252.5,
3809185.6,   0.0,   0.0,   0.0);
     (370269.0, 3809155.1,   0.0,   0.0,   0.0);   (370326.6,
3809048.5,   0.0,   0.0,   0.0);
     (370343.0, 3809018.1,   0.0,   0.0,   0.0);   (370367.7,
3808972.4,   0.0,   0.0,   0.0);
     (370441.2, 3808883.8,   0.0,   0.0,   0.0);   (370473.5,
3808871.3,   0.0,   0.0,   0.0);
     (370521.9, 3808852.6,   0.0,   0.0,   0.0);   (370554.2,
3808840.2,   0.0,   0.0,   0.0);
     (370586.5, 3808827.7,   0.0,   0.0,   0.0);   (370634.9,

```
3808809.0,       0.0,       0.0,       0.0);
     ( 370667.2, 3808796.5,       0.0,       0.0,       0.0);         ( 370241.7,
3809218.6,       0.0,       0.0,       0.0);
     ( 370153.5, 3809171.4,       0.0,       0.0,       0.0);         ( 370170.0,
3809141.0,       0.0,       0.0,       0.0);
     ( 370219.3, 3809049.6,       0.0,       0.0,       0.0);         ( 370260.5,
3808973.5,       0.0,       0.0,       0.0);
     ( 370285.2, 3808927.8,       0.0,       0.0,       0.0);         ( 370326.3,
3808851.6,       0.0,       0.0,       0.0);
     ( 370358.9, 3808814.9,       0.0,       0.0,       0.0);         ( 370423.5,
3808790.0,       0.0,       0.0,       0.0);
     ( 370455.8, 3808777.6,       0.0,       0.0,       0.0);         ( 370552.7,
3808740.2,       0.0,       0.0,       0.0);
     ( 370633.5, 3808709.0,       0.0,       0.0,       0.0);         ( 370665.8,
3808696.5,       0.0,       0.0,       0.0);
     ( 370142.7, 3809204.4,       0.0,       0.0,       0.0);         ( 370715.8,
3809324.1,       0.0,       0.0,       0.0);
     ( 370732.3, 3809341.9,       0.0,       0.0,       0.0);         ( 370748.8,
3809359.6,       0.0,       0.0,       0.0);
     ( 370691.1, 3809320.6,       0.0,       0.0,       0.0);         ( 370714.0,
3809358.9,       0.0,       0.0,       0.0);
     ( 370730.5, 3809376.6,       0.0,       0.0,       0.0);         ( 370672.8,
3809337.6,       0.0,       0.0,       0.0);
     ( 370695.7, 3809375.9,       0.0,       0.0,       0.0);         ( 370712.2,
3809393.7,       0.0,       0.0,       0.0);
     ( 370654.5, 3809354.6,       0.0,       0.0,       0.0);         ( 370641.6,
3809313.5,       0.0,       0.0,       0.0);
     ( 370677.4, 3809392.9,       0.0,       0.0,       0.0);         ( 370693.9,
3809410.7,       0.0,       0.0,       0.0);
     ( 370581.2, 3809422.6,       0.0,       0.0,       0.0);         ( 370568.3,
3809381.5,       0.0,       0.0,       0.0);
     ( 370555.5, 3809340.4,       0.0,       0.0,       0.0);         ( 370542.6,
3809299.3,       0.0,       0.0,       0.0);
     ( 370604.1, 3809460.9,       0.0,       0.0,       0.0);         ( 370507.3,
3809488.8,       0.0,       0.0,       0.0);
     ( 370500.3, 3809466.4,       0.0,       0.0,       0.0);         ( 370493.3,
3809444.0,       0.0,       0.0,       0.0);
     ( 370486.3, 3809421.5,       0.0,       0.0,       0.0);         ( 370479.2,
3809399.1,       0.0,       0.0,       0.0);
     ( 370472.2, 3809376.7,       0.0,       0.0,       0.0);         ( 370465.2,
3809354.3,       0.0,       0.0,       0.0);
     ( 370458.2, 3809331.9,       0.0,       0.0,       0.0);         ( 370451.2,
3809309.5,       0.0,       0.0,       0.0);
     ( 370444.2, 3809287.1,       0.0,       0.0,       0.0);         ( 370514.3,
3809511.2,       0.0,       0.0,       0.0);
     ( 370530.8, 3809529.0,       0.0,       0.0,       0.0);         ( 370434.2,
3809557.3,       0.0,       0.0,       0.0);
     ( 370427.3, 3809535.4,       0.0,       0.0,       0.0);         ( 370420.5,
3809513.5,       0.0,       0.0,       0.0);
     ( 370413.6, 3809491.6,       0.0,       0.0,       0.0);         ( 370406.8,
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3809469.7,   0.0,   0.0,   0.0);
     (370399.9, 3809447.8,   0.0,   0.0,   0.0);   (370393.0,
3809425.8,   0.0,   0.0,   0.0);
     (370386.2, 3809403.9,   0.0,   0.0,   0.0);   (370379.3,
3809382.0,   0.0,   0.0,   0.0);
     (370372.5, 3809360.1,   0.0,   0.0,   0.0);   (370365.6,
3809338.2,   0.0,   0.0,   0.0);
     (370358.8, 3809316.2,   0.0,   0.0,   0.0);   (370351.9,
3809294.3,   0.0,   0.0,   0.0);
     (370345.0, 3809272.4,   0.0,   0.0,   0.0);   (370441.0,
3809579.3,   0.0,   0.0,   0.0);
     (370360.6, 3809624.5,   0.0,   0.0,   0.0);   (370353.5,
3809601.6,   0.0,   0.0,   0.0);
     (370346.3, 3809578.8,   0.0,   0.0,   0.0);   (370339.2,
3809556.0,   0.0,   0.0,   0.0);
     (370332.0, 3809533.1,   0.0,   0.0,   0.0);   (370324.9,
3809510.3,   0.0,   0.0,   0.0);
     (370317.8, 3809487.5,   0.0,   0.0,   0.0);   (370310.6,
3809464.7,   0.0,   0.0,   0.0);
     (370303.5, 3809441.8,   0.0,   0.0,   0.0);   (370296.3,
3809419.0,   0.0,   0.0,   0.0);
     (370289.2, 3809396.2,   0.0,   0.0,   0.0);   (370282.0,
3809373.3,   0.0,   0.0,   0.0);
     (370274.9, 3809350.5,   0.0,   0.0,   0.0);   (370267.8,
3809327.7,   0.0,   0.0,   0.0);
     (370260.6, 3809304.8,   0.0,   0.0,   0.0);   (370253.5,
3809282.0,   0.0,   0.0,   0.0);
     (370246.3, 3809259.2,   0.0,   0.0,   0.0);   (370367.8,
3809647.3,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (370384.3, 3809665.1,   0.0,   0.0,   0.0);   (370400.8,
3809682.8,   0.0,   0.0,   0.0);
     (370287.5, 3809692.9,   0.0,   0.0,   0.0);   (370280.5,
3809670.5,   0.0,   0.0,   0.0);
     (370273.4, 3809648.1,   0.0,   0.0,   0.0);   (370266.4,
3809625.7,   0.0,   0.0,   0.0);
     (370259.4, 3809603.3,   0.0,   0.0,   0.0);   (370252.4,
3809580.8,   0.0,   0.0,   0.0);
     (370245.4, 3809558.4,   0.0,   0.0,   0.0);   (370238.4,

```
3809536.0,       0.0,       0.0,       0.0);
     ( 370231.4, 3809513.6,       0.0,       0.0,       0.0);         ( 370224.3,
3809491.2,       0.0,       0.0,       0.0);
     ( 370217.3, 3809468.8,       0.0,       0.0,       0.0);         ( 370210.3,
3809446.3,       0.0,       0.0,       0.0);
     ( 370203.3, 3809423.9,       0.0,       0.0,       0.0);         ( 370196.3,
3809401.5,       0.0,       0.0,       0.0);
     ( 370189.3, 3809379.1,       0.0,       0.0,       0.0);         ( 370182.3,
3809356.7,       0.0,       0.0,       0.0);
     ( 370175.3, 3809334.3,       0.0,       0.0,       0.0);         ( 370168.2,
3809311.9,       0.0,       0.0,       0.0);
     ( 370161.2, 3809289.4,       0.0,       0.0,       0.0);         ( 370154.2,
3809267.0,       0.0,       0.0,       0.0);
     ( 370147.2, 3809244.6,       0.0,       0.0,       0.0);         ( 370294.5,
3809715.3,       0.0,       0.0,       0.0);
     ( 370311.0, 3809733.1,       0.0,       0.0,       0.0);         ( 370327.5,
3809750.9,       0.0,       0.0,       0.0);
     ( 370741.3, 3809400.6,       0.0,       0.0,       0.0);         ( 370266.4,
3809393.8,       0.0,       0.0,       0.0);
     ( 370166.7, 3809372.9,       0.0,       0.0,       0.0);         ( 370572.0,
3809171.5,       0.0,       0.0,       0.0);
     ( 370538.1, 3809196.3,       0.0,       0.0,       0.0);         ( 370436.8,
3809022.6,       0.0,       0.0,       0.0);
     ( 370864.1, 3809066.9,       0.0,       0.0,       0.0);         ( 370901.3,
3808974.0,       0.0,       0.0,       0.0);
     ( 370938.4, 3808881.2,       0.0,       0.0,       0.0);         ( 370666.4,
3809421.4,       0.0,       0.0,       0.0);
     ( 370646.9, 3809432.9,       0.0,       0.0,       0.0);         ( 370627.3,
3809444.4,       0.0,       0.0,       0.0);
     ( 370568.7, 3809479.0,       0.0,       0.0,       0.0);         ( 370549.1,
3809490.5,       0.0,       0.0,       0.0);
     ( 370490.5, 3809525.0,       0.0,       0.0,       0.0);         ( 370653.7,
3809399.9,       0.0,       0.0,       0.0);
     ( 370634.2, 3809411.4,       0.0,       0.0,       0.0);         ( 370614.6,
3809422.9,       0.0,       0.0,       0.0);
     ( 370575.5, 3809445.9,       0.0,       0.0,       0.0);         ( 370556.0,
3809457.4,       0.0,       0.0,       0.0);
     ( 370536.5, 3809468.9,       0.0,       0.0,       0.0);         ( 370477.8,
3809503.4,       0.0,       0.0,       0.0);
     ( 370676.8, 3809361.8,       0.0,       0.0,       0.0);         ( 370641.0,
3809378.3,       0.0,       0.0,       0.0);
     ( 370621.5, 3809389.8,       0.0,       0.0,       0.0);         ( 370601.9,
3809401.4,       0.0,       0.0,       0.0);
     ( 370543.3, 3809435.9,       0.0,       0.0,       0.0);         ( 370523.8,
3809447.4,       0.0,       0.0,       0.0);
     ( 370465.1, 3809481.9,       0.0,       0.0,       0.0);         ( 370628.3,
3809356.8,       0.0,       0.0,       0.0);
     ( 370608.8, 3809368.3,       0.0,       0.0,       0.0);         ( 370550.2,
3809402.8,       0.0,       0.0,       0.0);
     ( 370530.6, 3809414.3,       0.0,       0.0,       0.0);         ( 370511.1,
```

3809425.8,   0.0,   0.0,   0.0);
     (370452.5, 3809460.4,   0.0,   0.0,   0.0);   (370618.7,
3809252.3,   0.0,   0.0,   0.0);
     (370558.1, 3809282.1,   0.0,   0.0,   0.0);   (370519.0,
3809305.1,   0.0,   0.0,   0.0);
     (370499.4, 3809316.7,   0.0,   0.0,   0.0);   (370440.8,
3809351.2,   0.0,   0.0,   0.0);
     (370421.3, 3809362.7,   0.0,   0.0,   0.0);   (370401.7,
3809374.2,   0.0,   0.0,   0.0);
     (370632.8, 3809145.9,   0.0,   0.0,   0.0);   (370654.3,
3809139.1,   0.0,   0.0,   0.0);
     (370546.4, 3809172.9,   0.0,   0.0,   0.0);   (370370.5,
3809276.5,   0.0,   0.0,   0.0);
     (370560.4, 3809066.5,   0.0,   0.0,   0.0);   (370625.2,
3809046.2,   0.0,   0.0,   0.0);
     (370646.8, 3809039.4,   0.0,   0.0,   0.0);   (370456.6,
3809109.8,   0.0,   0.0,   0.0);
     (370437.1, 3809121.3,   0.0,   0.0,   0.0);   (370339.3,
3809178.8,   0.0,   0.0,   0.0);
     (370319.8, 3809190.3,   0.0,   0.0,   0.0);   (370574.5,
3808960.0,   0.0,   0.0,   0.0);
     (370794.9, 3808953.5,   0.0,   0.0,   0.0);   (370862.0,
3808963.8,   0.0,   0.0,   0.0);
     (370347.2, 3809058.1,   0.0,   0.0,   0.0);   (370249.5,
3809115.7,   0.0,   0.0,   0.0);
     (370545.3, 3808867.0,   0.0,   0.0,   0.0);   (370566.9,
3808860.3,   0.0,   0.0,   0.0);
     (370631.6, 3808840.0,   0.0,   0.0,   0.0);   (370675.6,
3808836.6,   0.0,   0.0,   0.0);
     (370899.2, 3808871.0,   0.0,   0.0,   0.0);   (370374.7,
3808925.9,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (370355.1, 3808937.4,   0.0,   0.0,   0.0);   (370471.1,
3809541.1,   0.0,   0.0,   0.0);
     (370454.9, 3809522.0,   0.0,   0.0,   0.0);   (370407.3,
3809562.6,   0.0,   0.0,   0.0);
     (370391.0, 3809543.6,   0.0,   0.0,   0.0);   (370390.7,
3809511.1,   0.0,   0.0,   0.0);
     (370357.5, 3809407.9,   0.0,   0.0,   0.0);   (370325.8,

```
3809435.0,       0.0,       0.0,       0.0);
     ( 370322.6, 3809308.2,       0.0,       0.0,       0.0);         ( 370292.6,
3809331.9,       0.0,       0.0,       0.0);
     ( 370245.0, 3809372.5,       0.0,       0.0,       0.0);         ( 370271.9,
3809222.0,       0.0,       0.0,       0.0);
     ( 370221.2, 3809135.9,       0.0,       0.0,       0.0);         ( 370115.2,
3809220.3,       0.0,       0.0,       0.0);
     ( 370127.9, 3809080.0,       0.0,       0.0,       0.0);         ( 370156.2,
3809059.8,       0.0,       0.0,       0.0);
     ( 370097.8, 3809103.7,       0.0,       0.0,       0.0);         ( 370066.1,
3809130.7,       0.0,       0.0,       0.0);
     ( 370417.8, 3809588.6,       0.0,       0.0,       0.0);         ( 370404.3,
3809613.1,       0.0,       0.0,       0.0);
     ( 370389.2, 3809588.8,       0.0,       0.0,       0.0);         ( 370374.0,
3809564.5,       0.0,       0.0,       0.0);
     ( 370359.7, 3809543.1,       0.0,       0.0,       0.0);         ( 370272.2,
3809494.8,       0.0,       0.0,       0.0);
     ( 370287.2, 3809476.3,       0.0,       0.0,       0.0);         ( 370257.8,
3809516.3,       0.0,       0.0,       0.0);
     ( 370185.5, 3809445.3,       0.0,       0.0,       0.0);         ( 370219.5,
3809403.7,       0.0,       0.0,       0.0);
     ( 370170.3, 3809468.0,       0.0,       0.0,       0.0);         ( 370097.7,
3809397.4,       0.0,       0.0,       0.0);
     ( 370114.2, 3809377.2,       0.0,       0.0,       0.0);         ( 370130.7,
3809357.0,       0.0,       0.0,       0.0);
     ( 370147.1, 3809336.8,       0.0,       0.0,       0.0);         ( 370082.7,
3809419.7,       0.0,       0.0,       0.0);
     ( 370010.6, 3809348.5,       0.0,       0.0,       0.0);         ( 370028.1,
3809327.1,       0.0,       0.0,       0.0);
     ( 370045.5, 3809305.8,       0.0,       0.0,       0.0);         ( 370062.9,
3809284.4,       0.0,       0.0,       0.0);
     ( 370080.3, 3809263.0,       0.0,       0.0,       0.0);         ( 370097.8,
3809241.7,       0.0,       0.0,       0.0);
     ( 369995.2, 3809371.4,       0.0,       0.0,       0.0);         ( 369922.9,
3809300.4,       0.0,       0.0,       0.0);
     ( 369939.9, 3809279.6,       0.0,       0.0,       0.0);         ( 369956.8,
3809258.8,       0.0,       0.0,       0.0);
     ( 369973.8, 3809238.0,       0.0,       0.0,       0.0);         ( 369990.8,
3809217.1,       0.0,       0.0,       0.0);
     ( 370007.8, 3809196.3,       0.0,       0.0,       0.0);         ( 370024.8,
3809175.5,       0.0,       0.0,       0.0);
     ( 370041.8, 3809154.7,       0.0,       0.0,       0.0);         ( 369907.6,
3809323.1,       0.0,       0.0,       0.0);
     ( 370401.2, 3809644.3,       0.0,       0.0,       0.0);         ( 370376.2,
3809701.4,       0.0,       0.0,       0.0);
     ( 370351.2, 3809663.3,       0.0,       0.0,       0.0);         ( 370351.2,
3809701.4,       0.0,       0.0,       0.0);
     ( 370330.3, 3809609.1,       0.0,       0.0,       0.0);         ( 370326.2,
3809644.3,       0.0,       0.0,       0.0);
     ( 370326.2, 3809682.3,       0.0,       0.0,       0.0);         ( 370230.3,
```

3809609.1,   0.0,   0.0,   0.0);
     (370226.2, 3809644.3,   0.0,   0.0,   0.0);   (370226.2,
3809682.3,   0.0,   0.0,   0.0);
     (370130.8, 3809607.1,   0.0,   0.0,   0.0);   (370140.2,
3809570.9,   0.0,   0.0,   0.0);
     (370149.5, 3809534.6,   0.0,   0.0,   0.0);   (370158.8,
3809498.4,   0.0,   0.0,   0.0);
     (370126.2, 3809644.3,   0.0,   0.0,   0.0);   (370126.2,
3809682.3,   0.0,   0.0,   0.0);
     (370030.7, 3809607.7,   0.0,   0.0,   0.0);   (370039.8,
3809572.5,   0.0,   0.0,   0.0);
     (370048.8, 3809537.4,   0.0,   0.0,   0.0);   (370057.8,
3809502.3,   0.0,   0.0,   0.0);
     (370066.9, 3809467.1,   0.0,   0.0,   0.0);   (370026.2,
3809644.3,   0.0,   0.0,   0.0);
     (370026.2, 3809682.3,   0.0,   0.0,   0.0);   (369930.6,
3809608.0,   0.0,   0.0,   0.0);
     (369939.5, 3809573.5,   0.0,   0.0,   0.0);   (369948.4,
3809539.0,   0.0,   0.0,   0.0);
     (369957.3, 3809504.5,   0.0,   0.0,   0.0);   (369966.2,
3809469.9,   0.0,   0.0,   0.0);
     (369975.1, 3809435.4,   0.0,   0.0,   0.0);   (369984.0,
3809400.9,   0.0,   0.0,   0.0);
     (369926.2, 3809644.3,   0.0,   0.0,   0.0);   (369926.2,
3809682.3,   0.0,   0.0,   0.0);
     (369830.8, 3809607.1,   0.0,   0.0,   0.0);   (369840.2,
3809570.9,   0.0,   0.0,   0.0);
     (369849.5, 3809534.6,   0.0,   0.0,   0.0);   (369858.8,
3809498.4,   0.0,   0.0,   0.0);
     (369868.2, 3809462.2,   0.0,   0.0,   0.0);   (369877.5,
3809425.9,   0.0,   0.0,   0.0);
     (369886.8, 3809389.7,   0.0,   0.0,   0.0);   (369896.2,
3809353.5,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (369826.2, 3809644.3,   0.0,   0.0,   0.0);   (369826.2,
3809682.3,   0.0,   0.0,   0.0);
     (370416.5, 3809664.6,   0.0,   0.0,   0.0);   (370270.0,
3809550.8,   0.0,   0.0,   0.0);
     (370291.2, 3809537.0,   0.0,   0.0,   0.0);   (370355.1,

```
3809495.6,       0.0,       0.0,       0.0);
     ( 370378.2, 3809491.3,       0.0,       0.0,       0.0);         ( 370187.7,
3809493.9,       0.0,       0.0,       0.0);
     ( 370241.0, 3809459.4,       0.0,       0.0,       0.0);         ( 370262.2,
3809445.6,       0.0,       0.0,       0.0);
     ( 370326.1, 3809404.2,       0.0,       0.0,       0.0);         ( 370409.5,
3809403.4,       0.0,       0.0,       0.0);
     ( 370434.4, 3809408.5,       0.0,       0.0,       0.0);         ( 370459.2,
3809413.7,       0.0,       0.0,       0.0);
     ( 370084.6, 3809450.5,       0.0,       0.0,       0.0);         ( 370106.9,
3809436.1,       0.0,       0.0,       0.0);
     ( 370129.1, 3809421.7,       0.0,       0.0,       0.0);         ( 370151.3,
3809407.3,       0.0,       0.0,       0.0);
     ( 370218.0, 3809364.1,       0.0,       0.0,       0.0);         ( 370240.2,
3809349.7,       0.0,       0.0,       0.0);
     ( 370380.9, 3809302.9,       0.0,       0.0,       0.0);         ( 370406.8,
3809308.3,       0.0,       0.0,       0.0);
     ( 370523.5, 3809332.7,       0.0,       0.0,       0.0);         ( 370588.3,
3809346.2,       0.0,       0.0,       0.0);
     ( 370013.3, 3809386.5,       0.0,       0.0,       0.0);         ( 370035.4,
3809372.3,       0.0,       0.0,       0.0);
     ( 370057.4, 3809358.0,       0.0,       0.0,       0.0);         ( 370079.4,
3809343.7,       0.0,       0.0,       0.0);
     ( 370101.4, 3809329.4,       0.0,       0.0,       0.0);         ( 370123.5,
3809315.2,       0.0,       0.0,       0.0);
     ( 370222.6, 3809250.9,       0.0,       0.0,       0.0);         ( 370374.9,
3809207.2,       0.0,       0.0,       0.0);
     ( 370426.3, 3809217.9,       0.0,       0.0,       0.0);         ( 370529.1,
3809239.4,       0.0,       0.0,       0.0);
     ( 370567.7, 3809247.4,       0.0,       0.0,       0.0);         ( 369931.0,
3809329.7,       0.0,       0.0,       0.0);
     ( 369952.9, 3809315.5,       0.0,       0.0,       0.0);         ( 369974.8,
3809301.3,       0.0,       0.0,       0.0);
     ( 369996.7, 3809287.1,       0.0,       0.0,       0.0);         ( 370018.6,
3809272.9,       0.0,       0.0,       0.0);
     ( 370040.5, 3809258.8,       0.0,       0.0,       0.0);         ( 370062.4,
3809244.6,       0.0,       0.0,       0.0);
     ( 370305.1, 3809098.2,       0.0,       0.0,       0.0);         ( 370330.7,
3809103.5,       0.0,       0.0,       0.0);
     ( 370356.2, 3809108.8,       0.0,       0.0,       0.0);         ( 370471.2,
3809132.8,       0.0,       0.0,       0.0);
     ( 370522.3, 3809143.5,       0.0,       0.0,       0.0);         ( 370547.8,
3809148.8,       0.0,       0.0,       0.0);
     ( 370650.0, 3809170.2,       0.0,       0.0,       0.0);         ( 370675.6,
3809175.5,       0.0,       0.0,       0.0);
     ( 370319.2, 3809706.2,       0.0,       0.0,       0.0);         ( 370303.8,
3809664.9,       0.0,       0.0,       0.0);
     ( 370199.6, 3809671.8,       0.0,       0.0,       0.0);         ( 370194.4,
3809698.9,       0.0,       0.0,       0.0);
     ( 370099.8, 3809665.8,       0.0,       0.0,       0.0);         ( 370094.5,
```

3809693.0,   0.0,   0.0,   0.0);
     (370000.3, 3809659.1,   0.0,   0.0,   0.0);   (369994.7,
3809687.1,   0.0,   0.0,   0.0);
     (369900.4, 3809653.4,   0.0,   0.0,   0.0);   (369909.6,
3809626.5,   0.0,   0.0,   0.0);
     (369894.9, 3809681.2,   0.0,   0.0,   0.0);   (369800.5,
3809647.6,   0.0,   0.0,   0.0);
     (369809.7, 3809621.0,   0.0,   0.0,   0.0);   (369795.1,
3809675.3,   0.0,   0.0,   0.0);
     (370370.9, 3809736.6,   0.0,   0.0,   0.0);   (370372.7,
3809760.6,   0.0,   0.0,   0.0);
     (370374.5, 3809784.6,   0.0,   0.0,   0.0);   (370376.3,
3809808.6,   0.0,   0.0,   0.0);
     (370378.1, 3809832.6,   0.0,   0.0,   0.0);   (370379.9,
3809856.6,   0.0,   0.0,   0.0);
     (370381.7, 3809880.6,   0.0,   0.0,   0.0);   (370383.5,
3809904.6,   0.0,   0.0,   0.0);
     (370347.8, 3809762.4,   0.0,   0.0,   0.0);   (370349.6,
3809786.4,   0.0,   0.0,   0.0);
     (370351.4, 3809810.4,   0.0,   0.0,   0.0);   (370353.2,
3809834.5,   0.0,   0.0,   0.0);
     (370355.0, 3809858.5,   0.0,   0.0,   0.0);   (370356.8,
3809882.5,   0.0,   0.0,   0.0);
     (370358.5, 3809906.5,   0.0,   0.0,   0.0);   (370324.6,
3809788.3,   0.0,   0.0,   0.0);
     (370326.4, 3809812.3,   0.0,   0.0,   0.0);   (370328.2,
3809836.3,   0.0,   0.0,   0.0);
     (370330.0, 3809860.3,   0.0,   0.0,   0.0);   (370331.8,
3809884.3,   0.0,   0.0,   0.0);
     (370333.6, 3809908.3,   0.0,   0.0,   0.0);   (370297.9,
3809766.2,   0.0,   0.0,   0.0);
     (370299.7, 3809790.2,   0.0,   0.0,   0.0);   (370301.5,
3809814.2,   0.0,   0.0,   0.0);
     (370303.3, 3809838.2,   0.0,   0.0,   0.0);   (370305.1,
3809862.2,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370306.9, 3809886.2,   0.0,   0.0,   0.0);   (370308.7,
3809910.2,   0.0,   0.0,   0.0);
     (370194.6, 3809725.6,   0.0,   0.0,   0.0);   (370196.4,

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3809749.6,       0.0,       0.0,       0.0);
     ( 370198.2, 3809773.6,       0.0,       0.0,       0.0);         ( 370200.0,
3809797.6,       0.0,       0.0,       0.0);
     ( 370201.8, 3809821.6,       0.0,       0.0,       0.0);         ( 370203.6,
3809845.7,       0.0,       0.0,       0.0);
     ( 370205.4, 3809869.7,       0.0,       0.0,       0.0);         ( 370207.2,
3809893.7,       0.0,       0.0,       0.0);
     ( 370209.0, 3809917.7,       0.0,       0.0,       0.0);         ( 370094.9,
3809733.1,       0.0,       0.0,       0.0);
     ( 370096.7, 3809757.1,       0.0,       0.0,       0.0);         ( 370098.5,
3809781.1,       0.0,       0.0,       0.0);
     ( 370100.3, 3809805.1,       0.0,       0.0,       0.0);         ( 370102.1,
3809829.1,       0.0,       0.0,       0.0);
     ( 370103.8, 3809853.1,       0.0,       0.0,       0.0);         ( 370105.6,
3809877.1,       0.0,       0.0,       0.0);
     ( 370107.5, 3809901.1,       0.0,       0.0,       0.0);         ( 370109.2,
3809925.1,       0.0,       0.0,       0.0);
     ( 369995.0, 3809722.7,       0.0,       0.0,       0.0);         ( 369996.9,
3809764.5,       0.0,       0.0,       0.0);
     ( 369998.7, 3809788.6,       0.0,       0.0,       0.0);         ( 370000.5,
3809812.6,       0.0,       0.0,       0.0);
     ( 370002.3, 3809836.6,       0.0,       0.0,       0.0);         ( 370004.1,
3809860.6,       0.0,       0.0,       0.0);
     ( 370005.9, 3809884.6,       0.0,       0.0,       0.0);         ( 370007.7,
3809908.6,       0.0,       0.0,       0.0);
     ( 370009.5, 3809932.6,       0.0,       0.0,       0.0);         ( 369895.2,
3809725.7,       0.0,       0.0,       0.0);
     ( 369897.2, 3809772.0,       0.0,       0.0,       0.0);         ( 369899.0,
3809796.0,       0.0,       0.0,       0.0);
     ( 369900.8, 3809820.0,       0.0,       0.0,       0.0);         ( 369902.6,
3809844.0,       0.0,       0.0,       0.0);
     ( 369904.4, 3809868.0,       0.0,       0.0,       0.0);         ( 369906.2,
3809892.1,       0.0,       0.0,       0.0);
     ( 369908.0, 3809916.1,       0.0,       0.0,       0.0);         ( 369909.8,
3809940.1,       0.0,       0.0,       0.0);
     ( 369795.5, 3809735.4,       0.0,       0.0,       0.0);         ( 369797.5,
3809779.5,       0.0,       0.0,       0.0);
     ( 369799.3, 3809803.5,       0.0,       0.0,       0.0);         ( 369801.1,
3809827.5,       0.0,       0.0,       0.0);
     ( 369802.9, 3809851.5,       0.0,       0.0,       0.0);         ( 369804.7,
3809875.5,       0.0,       0.0,       0.0);
     ( 369806.5, 3809899.5,       0.0,       0.0,       0.0);         ( 369808.3,
3809923.5,       0.0,       0.0,       0.0);
     ( 369810.1, 3809947.5,       0.0,       0.0,       0.0);         ( 370404.6,
3809927.5,       0.0,       0.0,       0.0);
     ( 370386.3, 3809944.4,       0.0,       0.0,       0.0);         ( 370422.8,
3809955.5,       0.0,       0.0,       0.0);
     ( 370382.5, 3809969.1,       0.0,       0.0,       0.0);         ( 370346.8,
3809938.6,       0.0,       0.0,       0.0);
     ( 370419.0, 3809980.3,       0.0,       0.0,       0.0);         ( 370373.8,
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3809991.3,       0.0,       0.0,       0.0);
     ( 370326.2, 3809950.5,       0.0,       0.0,       0.0);         ( 370415.2,
3810005.0,       0.0,       0.0,       0.0);
     ( 370252.8, 3810018.4,       0.0,       0.0,       0.0);         ( 370235.3,
3809978.1,       0.0,       0.0,       0.0);
     ( 370400.0, 3810103.8,       0.0,       0.0,       0.0);         ( 370343.5,
3810189.0,       0.0,       0.0,       0.0);
     ( 370304.6, 3810168.3,       0.0,       0.0,       0.0);         ( 370265.8,
3810147.7,       0.0,       0.0,       0.0);
     ( 370161.9, 3810046.0,       0.0,       0.0,       0.0);         ( 370144.3,
3810005.7,       0.0,       0.0,       0.0);
     ( 370126.8, 3809965.4,       0.0,       0.0,       0.0);         ( 370384.8,
3810202.6,       0.0,       0.0,       0.0);
     ( 370328.3, 3810287.8,       0.0,       0.0,       0.0);         ( 370289.5,
3810267.2,       0.0,       0.0,       0.0);
     ( 370250.6, 3810246.6,       0.0,       0.0,       0.0);         ( 370211.8,
3810225.9,       0.0,       0.0,       0.0);
     ( 370173.0, 3810205.3,       0.0,       0.0,       0.0);         ( 370062.2,
3810053.5,       0.0,       0.0,       0.0);
     ( 370044.6, 3810013.2,       0.0,       0.0,       0.0);         ( 370027.1,
3809972.9,       0.0,       0.0,       0.0);
     ( 370369.7, 3810301.5,       0.0,       0.0,       0.0);         ( 370313.1,
3810386.6,       0.0,       0.0,       0.0);
     ( 370274.3, 3810366.0,       0.0,       0.0,       0.0);         ( 370235.5,
3810345.4,       0.0,       0.0,       0.0);
     ( 370196.6, 3810324.8,       0.0,       0.0,       0.0);         ( 370157.8,
3810304.2,       0.0,       0.0,       0.0);
     ( 370119.0, 3810283.5,       0.0,       0.0,       0.0);         ( 370080.2,
3810262.9,       0.0,       0.0,       0.0);
     ( 370032.6, 3810222.1,       0.0,       0.0,       0.0);         ( 370015.1,
3810181.9,       0.0,       0.0,       0.0);
     ( 369971.2, 3810081.1,       0.0,       0.0,       0.0);         ( 369953.7,
3810040.8,       0.0,       0.0,       0.0);
     ( 369936.1, 3810000.5,       0.0,       0.0,       0.0);         ( 370354.5,
3810400.3,       0.0,       0.0,       0.0);
     ( 370297.9, 3810485.5,       0.0,       0.0,       0.0);         ( 370259.1,
3810464.9,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                        ***       06:42:51

                                  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                       (METERS)

     ( 370220.3, 3810444.2,       0.0,       0.0,       0.0);         ( 370181.5,
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3810423.6,       0.0,       0.0,       0.0);
     ( 370142.6, 3810403.0,       0.0,       0.0,       0.0);         ( 370103.8,
3810382.4,       0.0,       0.0,       0.0);
     ( 370065.0, 3810361.8,       0.0,       0.0,       0.0);         ( 370026.2,
3810341.1,       0.0,       0.0,       0.0);
     ( 369987.4, 3810320.5,       0.0,       0.0,       0.0);         ( 369959.2,
3810290.1,       0.0,       0.0,       0.0);
     ( 369941.7, 3810249.8,       0.0,       0.0,       0.0);         ( 369924.1,
3810209.5,       0.0,       0.0,       0.0);
     ( 369906.6, 3810169.2,       0.0,       0.0,       0.0);         ( 369845.2,
3810028.1,       0.0,       0.0,       0.0);
     ( 369827.6, 3809987.8,       0.0,       0.0,       0.0);         ( 370339.3,
3810499.2,       0.0,       0.0,       0.0);
     ( 370405.8, 3809901.7,       0.0,       0.0,       0.0);         ( 370233.6,
3809870.4,       0.0,       0.0,       0.0);
     ( 370135.2, 3809852.5,       0.0,       0.0,       0.0);         ( 370036.8,
3809834.7,       0.0,       0.0,       0.0);
     ( 369938.5, 3809816.8,       0.0,       0.0,       0.0);         ( 369840.1,
3809799.0,       0.0,       0.0,       0.0);
     ( 370358.3, 3809959.9,       0.0,       0.0,       0.0);         ( 370232.0,
3809954.7,       0.0,       0.0,       0.0);
     ( 370231.1, 3809921.8,       0.0,       0.0,       0.0);         ( 370133.8,
3809941.5,       0.0,       0.0,       0.0);
     ( 370132.8, 3809906.3,       0.0,       0.0,       0.0);         ( 370035.9,
3809944.5,       0.0,       0.0,       0.0);
     ( 370034.9, 3809908.0,       0.0,       0.0,       0.0);         ( 370034.0,
3809871.5,       0.0,       0.0,       0.0);
     ( 369938.8, 3809972.2,       0.0,       0.0,       0.0);         ( 369937.8,
3809938.0,       0.0,       0.0,       0.0);
     ( 369936.9, 3809903.8,       0.0,       0.0,       0.0);         ( 369936.0,
3809869.6,       0.0,       0.0,       0.0);
     ( 369840.5, 3809958.2,       0.0,       0.0,       0.0);         ( 369839.5,
3809923.1,       0.0,       0.0,       0.0);
     ( 369838.6, 3809887.9,       0.0,       0.0,       0.0);         ( 369837.6,
3809852.7,       0.0,       0.0,       0.0);
     ( 370451.8, 3809966.6,       0.0,       0.0,       0.0);         ( 370452.9,
3809991.6,       0.0,       0.0,       0.0);
     ( 370434.5, 3810017.4,       0.0,       0.0,       0.0);         ( 370403.3,
3810032.4,       0.0,       0.0,       0.0);
     ( 370343.2, 3809979.8,       0.0,       0.0,       0.0);         ( 370421.5,
3810136.6,       0.0,       0.0,       0.0);
     ( 370384.6, 3810125.1,       0.0,       0.0,       0.0);         ( 370347.7,
3810113.6,       0.0,       0.0,       0.0);
     ( 370459.5, 3810141.5,       0.0,       0.0,       0.0);         ( 370426.7,
3810236.8,       0.0,       0.0,       0.0);
     ( 370391.5, 3810225.8,       0.0,       0.0,       0.0);         ( 370356.2,
3810214.8,       0.0,       0.0,       0.0);
     ( 370321.0, 3810203.9,       0.0,       0.0,       0.0);         ( 370285.7,
3810192.9,       0.0,       0.0,       0.0);
     ( 370240.4, 3810166.5,       0.0,       0.0,       0.0);         ( 370463.8,
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3810241.4,   0.0,   0.0,   0.0);
     (370430.2, 3810336.4,   0.0,   0.0,   0.0);   (370393.3,
3810324.9,   0.0,   0.0,   0.0);
     (370301.0, 3810296.2,   0.0,   0.0,   0.0);   (370264.1,
3810284.7,   0.0,   0.0,   0.0);
     (370227.2, 3810273.2,   0.0,   0.0,   0.0);   (370179.6,
3810245.6,   0.0,   0.0,   0.0);
     (370147.9, 3810197.0,   0.0,   0.0,   0.0);   (370468.2,
3810341.3,   0.0,   0.0,   0.0);
     (370435.1, 3810436.5,   0.0,   0.0,   0.0);   (370399.2,
3810425.3,   0.0,   0.0,   0.0);
     (370255.6, 3810380.6,   0.0,   0.0,   0.0);   (370219.7,
3810369.5,   0.0,   0.0,   0.0);
     (370183.8, 3810358.3,   0.0,   0.0,   0.0);   (370147.9,
3810347.1,   0.0,   0.0,   0.0);
     (370119.7, 3810325.8,   0.0,   0.0,   0.0);   (370099.1,
3810294.3,   0.0,   0.0,   0.0);
     (370058.0, 3810231.4,   0.0,   0.0,   0.0);   (370037.4,
3810199.9,   0.0,   0.0,   0.0);
     (370472.5, 3810441.2,   0.0,   0.0,   0.0);   (370439.0,
3810536.2,   0.0,   0.0,   0.0);
     (370402.0, 3810524.7,   0.0,   0.0,   0.0);   (370365.1,
3810513.2,   0.0,   0.0,   0.0);
     (370272.8, 3810484.5,   0.0,   0.0,   0.0);   (370235.9,
3810473.0,   0.0,   0.0,   0.0);
     (370199.0, 3810461.5,   0.0,   0.0,   0.0);   (370162.0,
3810450.1,   0.0,   0.0,   0.0);
     (370125.1, 3810438.6,   0.0,   0.0,   0.0);   (370088.2,
3810427.1,   0.0,   0.0,   0.0);
     (370059.1, 3810405.2,   0.0,   0.0,   0.0);   (370038.0,
3810372.8,   0.0,   0.0,   0.0);
     (369985.1, 3810291.9,   0.0,   0.0,   0.0);   (369963.9,
3810259.5,   0.0,   0.0,   0.0);
     (369942.8, 3810227.1,   0.0,   0.0,   0.0);   (369889.9,
3810146.2,   0.0,   0.0,   0.0);
     (370476.9, 3810541.1,   0.0,   0.0,   0.0);   (370474.6,
3809964.9,   0.0,   0.0,   0.0);
     (370476.5, 3809989.8,   0.0,   0.0,   0.0);   (370478.5,
3810014.8,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

```
     ( 370488.0, 3810139.4,       0.0,       0.0,       0.0);         ( 370495.7,
3810239.1,       0.0,       0.0,       0.0);
     ( 370503.4, 3810338.8,       0.0,       0.0,       0.0);         ( 370511.0,
3810438.5,       0.0,       0.0,       0.0);
     ( 370518.7, 3810538.2,       0.0,       0.0,       0.0);         ( 370509.4,
3809980.3,       0.0,       0.0,       0.0);
     ( 370549.4, 3809984.7,       0.0,       0.0,       0.0);         ( 370574.0,
3809984.1,       0.0,       0.0,       0.0);
     ( 370508.3, 3810153.7,       0.0,       0.0,       0.0);         ( 370553.5,
3810159.7,       0.0,       0.0,       0.0);
     ( 370578.0, 3810159.1,       0.0,       0.0,       0.0);         ( 370602.5,
3810158.5,       0.0,       0.0,       0.0);
     ( 370531.2, 3810260.2,       0.0,       0.0,       0.0);         ( 370555.8,
3810259.6,       0.0,       0.0,       0.0);
     ( 370580.3, 3810259.1,       0.0,       0.0,       0.0);         ( 370604.8,
3810258.5,       0.0,       0.0,       0.0);
     ( 370533.5, 3810360.2,       0.0,       0.0,       0.0);         ( 370558.0,
3810359.6,       0.0,       0.0,       0.0);
     ( 370582.6, 3810359.0,       0.0,       0.0,       0.0);         ( 370607.1,
3810358.5,       0.0,       0.0,       0.0);
     ( 370381.0, 3810410.9,       0.0,       0.0,       0.0);         ( 370535.8,
3810460.1,       0.0,       0.0,       0.0);
     ( 370560.3, 3810459.6,       0.0,       0.0,       0.0);         ( 370584.9,
3810459.0,       0.0,       0.0,       0.0);
     ( 370609.4, 3810458.5,       0.0,       0.0,       0.0);         ( 370538.1,
3810560.1,       0.0,       0.0,       0.0);
     ( 370562.6, 3810559.6,       0.0,       0.0,       0.0);         ( 370587.2,
3810559.0,       0.0,       0.0,       0.0);
     ( 370611.7, 3810558.4,       0.0,       0.0,       0.0);         ( 370636.3,
3810158.6,       0.0,       0.0,       0.0);
     ( 370636.3, 3810258.6,       0.0,       0.0,       0.0);         ( 370636.3,
3810358.6,       0.0,       0.0,       0.0);
     ( 370636.3, 3810458.6,       0.0,       0.0,       0.0);         ( 370636.3,
3810558.6,       0.0,       0.0,       0.0);
     ( 370628.5, 3809965.2,       0.0,       0.0,       0.0);         ( 370604.0,
3809960.0,       0.0,       0.0,       0.0);
     ( 370264.4, 3809874.8,       0.0,       0.0,       0.0);         ( 370166.6,
3809853.8,       0.0,       0.0,       0.0);
     ( 370068.8, 3809832.8,       0.0,       0.0,       0.0);         ( 370575.0,
3809959.2,       0.0,       0.0,       0.0);
     ( 370534.9, 3809384.2,       0.0,       0.0,       0.0);         ( 370447.5,
3809499.7,       0.0,       0.0,       0.0);
     ( 370501.3, 3809947.9,       0.0,       0.0,       0.0);         ( 370438.1,
3809603.7,       0.0,       0.0,       0.0);
     ( 370402.0, 3809828.0,       0.0,       0.0,       0.0);         ( 370298.8,
3809939.1,       0.0,       0.0,       0.0);
     ( 370243.9, 3809844.4,       0.0,       0.0,       0.0);         ( 370260.0,
3809822.7,       0.0,       0.0,       0.0);
     ( 370276.1, 3809800.9,       0.0,       0.0,       0.0);         ( 370135.9,
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3809827.5,       0.0,       0.0,       0.0);
     ( 370152.8, 3809804.7,       0.0,       0.0,       0.0);         ( 370169.6,
3809781.9,       0.0,       0.0,       0.0);
     ( 370220.2, 3809713.5,       0.0,       0.0,       0.0);         ( 370250.0,
3809684.8,       0.0,       0.0,       0.0);
     ( 370035.1, 3809800.9,       0.0,       0.0,       0.0);         ( 370052.5,
3809777.5,       0.0,       0.0,       0.0);
     ( 370069.8, 3809754.0,       0.0,       0.0,       0.0);         ( 370156.6,
3809636.6,       0.0,       0.0,       0.0);
     ( 370187.2, 3809607.0,       0.0,       0.0,       0.0);         ( 369942.2,
3809763.6,       0.0,       0.0,       0.0);
     ( 369959.1, 3809740.8,       0.0,       0.0,       0.0);         ( 370043.4,
3809626.8,       0.0,       0.0,       0.0);
     ( 370060.2, 3809604.0,       0.0,       0.0,       0.0);         ( 370077.1,
3809581.2,       0.0,       0.0,       0.0);
     ( 370094.0, 3809558.4,       0.0,       0.0,       0.0);         ( 370123.7,
3809529.7,       0.0,       0.0,       0.0);
     ( 369928.3, 3809788.6,       0.0,       0.0,       0.0);         ( 370369.8,
3810015.2,       0.0,       0.0,       0.0);
     ( 370346.0, 3810017.6,       0.0,       0.0,       0.0);         ( 370322.1,
3810020.0,       0.0,       0.0,       0.0);
     ( 370319.6, 3809995.1,       0.0,       0.0,       0.0);         ( 370359.9,
3809438.3,       0.0,       0.0,       0.0);
     ( 370298.0, 3810008.0,       0.0,       0.0,       0.0);         ( 370395.8,
3809751.0,       0.0,       0.0,       0.0);
     ( 370467.0, 3809564.1,       0.0,       0.0,       0.0);         ( 370292.9,
3809981.5,       0.0,       0.0,       0.0);
     ( 370272.3, 3809954.9,       0.0,       0.0,       0.0);         ( 370274.2,
3809929.9,       0.0,       0.0,       0.0);
     ( 370281.8, 3809830.2,       0.0,       0.0,       0.0);         ( 370266.9,
3809728.8,       0.0,       0.0,       0.0);
     ( 370296.8, 3809630.8,       0.0,       0.0,       0.0);         ( 370229.1,
3810008.1,       0.0,       0.0,       0.0);
     ( 370214.0, 3809988.2,       0.0,       0.0,       0.0);         ( 370198.8,
3809968.3,       0.0,       0.0,       0.0);
     ( 370200.7, 3809943.4,       0.0,       0.0,       0.0);         ( 370165.9,
3809962.0,       0.0,       0.0,       0.0);
     ( 370123.8, 3809771.2,       0.0,       0.0,       0.0);         ( 370164.7,
3809759.1,       0.0,       0.0,       0.0);
     ( 370226.0, 3809740.9,       0.0,       0.0,       0.0);         ( 370043.8,
3809697.4,       0.0,       0.0,       0.0);
```

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370148.6, 3809666.3, 0.0, 0.0, 0.0); (369962.5, 3809624.0, 0.0, 0.0, 0.0);
(370005.1, 3809611.3, 0.0, 0.0, 0.0); (370111.6, 3809579.8, 0.0, 0.0, 0.0);
(370175.5, 3809560.9, 0.0, 0.0, 0.0); (370218.1, 3809548.3, 0.0, 0.0, 0.0);
(369901.1, 3809544.7, 0.0, 0.0, 0.0); (369982.8, 3809520.5, 0.0, 0.0, 0.0);
(370023.7, 3809508.4, 0.0, 0.0, 0.0); (370085.1, 3809490.2, 0.0, 0.0, 0.0);
(370126.0, 3809478.1, 0.0, 0.0, 0.0); (369862.9, 3809564.3, 0.0, 0.0, 0.0);
(370199.0, 3810010.4, 0.0, 0.0, 0.0); (370180.0, 3809987.7, 0.0, 0.0, 0.0);
(370173.3, 3809938.2, 0.0, 0.0, 0.0); (370283.7, 3809745.9, 0.0, 0.0, 0.0);
(370146.6, 3809740.0, 0.0, 0.0, 0.0); (370179.6, 3809638.1, 0.0, 0.0, 0.0);
(370152.8, 3809439.9, 0.0, 0.0, 0.0); (370334.3, 3809457.3, 0.0, 0.0, 0.0);
(370379.7, 3809461.7, 0.0, 0.0, 0.0); (370435.8, 3809480.6, 0.0, 0.0, 0.0);
(370170.1, 3810018.6, 0.0, 0.0, 0.0); (370121.7, 3809994.8, 0.0, 0.0, 0.0);
(370105.1, 3809976.1, 0.0, 0.0, 0.0); (370071.5, 3809879.7, 0.0, 0.0, 0.0);
(369972.2, 3809826.6, 0.0, 0.0, 0.0); (369938.6, 3809730.2, 0.0, 0.0, 0.0);
(369974.0, 3809714.0, 0.0, 0.0, 0.0); (370062.4, 3809673.4, 0.0, 0.0, 0.0);
(369872.2, 3809655.5, 0.0, 0.0, 0.0); (369978.3, 3809606.8, 0.0, 0.0, 0.0);
(369805.8, 3809580.8, 0.0, 0.0, 0.0); (369929.5, 3809523.9, 0.0, 0.0, 0.0);
(370000.3, 3809491.4, 0.0, 0.0, 0.0); (370035.7, 3809475.2, 0.0, 0.0, 0.0);
(369772.8, 3809602.4, 0.0, 0.0, 0.0); (370271.9, 3809767.4, 0.0, 0.0, 0.0);
(370314.3, 3809567.9, 0.0, 0.0, 0.0); (370091.7, 3810006.9, 0.0, 0.0, 0.0);
(370100.6, 3809953.8, 0.0, 0.0, 0.0); (370075.8, 3809933.6, 0.0, 0.0, 0.0);
(370052.8, 3809734.0, 0.0, 0.0, 0.0); (370069.0, 3809639.9, 0.0, 0.0, 0.0);
(370010.3, 3809538.5, 0.0, 0.0, 0.0); (370008.3, 3809442.7, 0.0, 0.0, 0.0);
(370046.7, 3809446.4, 0.0, 0.0, 0.0); (370123.5,

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3809453.8,       0.0,       0.0,       0.0);
     ( 370076.3, 3809987.3,       0.0,       0.0,       0.0);         ( 370034.3,
3810045.8,       0.0,       0.0,       0.0);
     ( 370065.9, 3809965.2,       0.0,       0.0,       0.0);         ( 370020.8,
3810016.6,       0.0,       0.0,       0.0);
     ( 370007.2, 3809987.5,       0.0,       0.0,       0.0);         ( 369989.4,
3810023.8,       0.0,       0.0,       0.0);
     ( 369962.3, 3809887.9,       0.0,       0.0,       0.0);         ( 369899.6,
3809980.0,       0.0,       0.0,       0.0);
     ( 369863.7, 3809855.0,       0.0,       0.0,       0.0);         ( 369963.9,
3809770.8,       0.0,       0.0,       0.0);
     ( 370016.0, 3809746.4,       0.0,       0.0,       0.0);         ( 369750.1,
3809840.3,       0.0,       0.0,       0.0);
     ( 369775.1, 3809809.4,       0.0,       0.0,       0.0);         ( 369825.1,
3809747.6,       0.0,       0.0,       0.0);
     ( 369868.1, 3809708.2,       0.0,       0.0,       0.0);         ( 369958.1,
3809665.9,       0.0,       0.0,       0.0);
     ( 369728.8, 3809874.0,       0.0,       0.0,       0.0);         ( 369659.5,
3809797.4,       0.0,       0.0,       0.0);
     ( 369682.9, 3809768.4,       0.0,       0.0,       0.0);         ( 369706.4,
3809739.4,       0.0,       0.0,       0.0);
     ( 369729.8, 3809710.4,       0.0,       0.0,       0.0);         ( 369753.3,
3809681.5,       0.0,       0.0,       0.0);
     ( 369776.7, 3809652.5,       0.0,       0.0,       0.0);         ( 369855.9,
3809606.2,       0.0,       0.0,       0.0);
     ( 369889.6, 3809590.4,       0.0,       0.0,       0.0);         ( 369974.0,
3809550.7,       0.0,       0.0,       0.0);
     ( 369638.9, 3809830.1,       0.0,       0.0,       0.0);         ( 369570.0,
3809753.1,       0.0,       0.0,       0.0);
     ( 369594.1, 3809723.3,       0.0,       0.0,       0.0);         ( 369618.2,
3809693.5,       0.0,       0.0,       0.0);
     ( 369642.3, 3809663.7,       0.0,       0.0,       0.0);         ( 369666.4,
3809633.8,       0.0,       0.0,       0.0);
     ( 369690.5, 3809604.0,       0.0,       0.0,       0.0);         ( 369714.6,
3809574.2,       0.0,       0.0,       0.0);
     ( 369744.0, 3809551.1,       0.0,       0.0,       0.0);         ( 369778.8,
3809534.8,       0.0,       0.0,       0.0);
     ( 369813.5, 3809518.5,       0.0,       0.0,       0.0);         ( 369882.8,
3809485.8,       0.0,       0.0,       0.0);
     ( 369917.5, 3809469.5,       0.0,       0.0,       0.0);         ( 369549.0,
3809786.2,       0.0,       0.0,       0.0);
     ( 370070.8, 3810030.9,       0.0,       0.0,       0.0);         ( 370176.4,
3809804.3,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370010.8, 3810053.8, 0.0, 0.0, 0.0); (369982.9, 3809984.2, 0.0, 0.0, 0.0);
(369976.6, 3809793.2, 0.0, 0.0, 0.0); (370078.6, 3809796.0, 0.0, 0.0, 0.0);
(370129.7, 3809797.4, 0.0, 0.0, 0.0); (369941.3, 3809700.4, 0.0, 0.0, 0.0);
(370011.9, 3809702.3, 0.0, 0.0, 0.0); (370117.8, 3809705.3, 0.0, 0.0, 0.0);
(370153.0, 3809706.3, 0.0, 0.0, 0.0); (370085.8, 3809612.6, 0.0, 0.0, 0.0);
(369884.6, 3809515.2, 0.0, 0.0, 0.0); (370078.7, 3809520.6, 0.0, 0.0, 0.0);
(370184.6, 3809523.5, 0.0, 0.0, 0.0); (369995.0, 3810077.0, 0.0, 0.0, 0.0);
(369949.3, 3810063.0, 0.0, 0.0, 0.0); (369924.3, 3810063.0, 0.0, 0.0, 0.0);
(369960.1, 3810002.6, 0.0, 0.0, 0.0); (369825.0, 3810061.0, 0.0, 0.0, 0.0);
(369849.5, 3809980.9, 0.0, 0.0, 0.0); (369867.5, 3809954.4, 0.0, 0.0, 0.0);
(369820.0, 3810095.7, 0.0, 0.0, 0.0); (369725.2, 3810060.2, 0.0, 0.0, 0.0);
(369735.5, 3810026.6, 0.0, 0.0, 0.0); (369745.8, 3809993.0, 0.0, 0.0, 0.0);
(369756.1, 3809959.3, 0.0, 0.0, 0.0); (369766.5, 3809925.7, 0.0, 0.0, 0.0);
(369867.5, 3809831.6, 0.0, 0.0, 0.0); (369720.0, 3810095.7, 0.0, 0.0, 0.0);
(369625.3, 3810059.8, 0.0, 0.0, 0.0); (369635.9, 3810025.3, 0.0, 0.0, 0.0);
(369646.5, 3809990.8, 0.0, 0.0, 0.0); (369657.1, 3809956.3, 0.0, 0.0, 0.0);
(369667.6, 3809921.8, 0.0, 0.0, 0.0); (369678.2, 3809887.3, 0.0, 0.0, 0.0);
(369702.9, 3809841.5, 0.0, 0.0, 0.0); (369731.0, 3809818.9, 0.0, 0.0, 0.0);
(369773.1, 3809784.9, 0.0, 0.0, 0.0); (369843.4, 3809728.3, 0.0, 0.0, 0.0);
(369620.0, 3810095.7, 0.0, 0.0, 0.0); (369525.4, 3810059.5, 0.0, 0.0, 0.0);
(369536.2, 3810024.5, 0.0, 0.0, 0.0); (369546.9, 3809989.5, 0.0, 0.0, 0.0);
(369557.6, 3809954.4, 0.0, 0.0, 0.0); (369568.4, 3809919.4, 0.0, 0.0, 0.0);
(369579.1, 3809884.3, 0.0, 0.0, 0.0); (369589.9,

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     ( 369600.6, 3809814.3,       0.0,       0.0,       0.0);         ( 369620.3,
3809785.3,       0.0,       0.0,       0.0);
     ( 369648.8, 3809762.3,       0.0,       0.0,       0.0);         ( 369677.3,
3809739.3,       0.0,       0.0,       0.0);
     ( 369705.9, 3809716.3,       0.0,       0.0,       0.0);         ( 369520.0,
3810095.7,       0.0,       0.0,       0.0);
     ( 369425.5, 3810059.3,       0.0,       0.0,       0.0);         ( 369436.3,
3810023.9,       0.0,       0.0,       0.0);
     ( 369447.2, 3809988.5,       0.0,       0.0,       0.0);         ( 369458.0,
3809953.1,       0.0,       0.0,       0.0);
     ( 369468.9, 3809917.7,       0.0,       0.0,       0.0);         ( 369479.8,
3809882.3,       0.0,       0.0,       0.0);
     ( 369490.6, 3809846.9,       0.0,       0.0,       0.0);         ( 369501.5,
3809811.5,       0.0,       0.0,       0.0);
     ( 369512.3, 3809776.1,       0.0,       0.0,       0.0);         ( 369537.6,
3809729.1,       0.0,       0.0,       0.0);
     ( 369566.5, 3809705.8,       0.0,       0.0,       0.0);         ( 369595.3,
3809682.6,       0.0,       0.0,       0.0);
     ( 369420.0, 3810095.7,       0.0,       0.0,       0.0);         ( 369901.7,
3810040.3,       0.0,       0.0,       0.0);
     ( 369880.5, 3810031.8,       0.0,       0.0,       0.0);         ( 369932.2,
3810025.5,       0.0,       0.0,       0.0);
     ( 369911.0, 3810017.0,       0.0,       0.0,       0.0);         ( 369889.7,
3810008.6,       0.0,       0.0,       0.0);
     ( 369868.5, 3810000.1,       0.0,       0.0,       0.0);         ( 370114.3,
3809506.0,       0.0,       0.0,       0.0);
     ( 369860.7, 3809758.3,       0.0,       0.0,       0.0);         ( 369776.1,
3809755.3,       0.0,       0.0,       0.0);
     ( 369843.7, 3809660.2,       0.0,       0.0,       0.0);         ( 369773.9,
3809557.1,       0.0,       0.0,       0.0);
     ( 369913.1, 3809570.4,       0.0,       0.0,       0.0);         ( 369965.3,
3809575.4,       0.0,       0.0,       0.0);
     ( 370000.1, 3809578.7,       0.0,       0.0,       0.0);         ( 369755.4,
3809458.8,       0.0,       0.0,       0.0);
     ( 369790.5, 3809462.2,       0.0,       0.0,       0.0);         ( 369825.7,
3809465.6,       0.0,       0.0,       0.0);
     ( 369720.0, 3809460.5,       0.0,       0.0,       0.0);         ( 369809.7,
3810039.1,       0.0,       0.0,       0.0);
     ( 369799.5, 3810060.3,       0.0,       0.0,       0.0);         ( 369787.1,
3810028.3,       0.0,       0.0,       0.0);
     ( 369777.0, 3810049.5,       0.0,       0.0,       0.0);         ( 369775.6,
3810004.0,       0.0,       0.0,       0.0);
     ( 369802.3, 3809983.4,       0.0,       0.0,       0.0);         ( 369754.5,
3810038.6,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       06:42:51
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369695.7, 3809909.4, 0.0, 0.0, 0.0); (369752.6, 3809872.5, 0.0, 0.0, 0.0);
(369773.7, 3809863.0, 0.0, 0.0, 0.0); (369605.6, 3809866.1, 0.0, 0.0, 0.0);
(369620.2, 3809848.1, 0.0, 0.0, 0.0); (369691.6, 3809793.2, 0.0, 0.0, 0.0);
(369712.7, 3809783.7, 0.0, 0.0, 0.0); (369733.9, 3809774.2, 0.0, 0.0, 0.0);
(369755.0, 3809764.7, 0.0, 0.0, 0.0); (369530.0, 3809804.8, 0.0, 0.0, 0.0);
(369630.6, 3809713.9, 0.0, 0.0, 0.0); (369651.8, 3809704.4, 0.0, 0.0, 0.0);
(369672.9, 3809694.9, 0.0, 0.0, 0.0); (369694.0, 3809685.5, 0.0, 0.0, 0.0);
(369715.2, 3809676.0, 0.0, 0.0, 0.0); (369736.3, 3809666.5, 0.0, 0.0, 0.0);
(369396.1, 3809815.5, 0.0, 0.0, 0.0); (369410.7, 3809797.5, 0.0, 0.0, 0.0);
(369425.3, 3809779.5, 0.0, 0.0, 0.0); (369439.9, 3809761.5, 0.0, 0.0, 0.0);
(369454.5, 3809743.5, 0.0, 0.0, 0.0); (369469.1, 3809725.5, 0.0, 0.0, 0.0);
(369483.7, 3809707.6, 0.0, 0.0, 0.0); (369498.2, 3809689.6, 0.0, 0.0, 0.0);
(369512.8, 3809671.6, 0.0, 0.0, 0.0); (369548.6, 3809644.1, 0.0, 0.0, 0.0);
(369569.7, 3809634.6, 0.0, 0.0, 0.0); (369590.8, 3809625.2, 0.0, 0.0, 0.0);
(369612.0, 3809615.7, 0.0, 0.0, 0.0); (369633.1, 3809606.2, 0.0, 0.0, 0.0);
(369654.2, 3809596.7, 0.0, 0.0, 0.0); (369675.3, 3809587.2, 0.0, 0.0, 0.0);
(369381.5, 3809833.5, 0.0, 0.0, 0.0); (369371.4, 3809854.6, 0.0, 0.0, 0.0);
(369306.0, 3809772.2, 0.0, 0.0, 0.0); (369320.6, 3809754.2, 0.0, 0.0, 0.0);
(369335.2, 3809736.2, 0.0, 0.0, 0.0); (369349.8, 3809718.2, 0.0, 0.0, 0.0);
(369364.3, 3809700.2, 0.0, 0.0, 0.0); (369378.9, 3809682.2, 0.0, 0.0, 0.0);
(369393.5, 3809664.3, 0.0, 0.0, 0.0); (369408.1, 3809646.3, 0.0, 0.0, 0.0);
(369422.7, 3809628.3, 0.0, 0.0, 0.0); (369437.3,

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     ( 369451.9, 3809592.3,       0.0,       0.0,       0.0);         ( 369487.6,
3809564.8,       0.0,       0.0,       0.0);
     ( 369508.7, 3809555.4,       0.0,       0.0,       0.0);         ( 369529.9,
3809545.9,       0.0,       0.0,       0.0);
     ( 369551.0, 3809536.4,       0.0,       0.0,       0.0);         ( 369572.1,
3809526.9,       0.0,       0.0,       0.0);
     ( 369593.3, 3809517.4,       0.0,       0.0,       0.0);         ( 369614.4,
3809508.0,       0.0,       0.0,       0.0);
     ( 369635.5, 3809498.5,       0.0,       0.0,       0.0);         ( 369656.6,
3809489.0,       0.0,       0.0,       0.0);
     ( 369677.8, 3809479.5,       0.0,       0.0,       0.0);         ( 369698.9,
3809470.0,       0.0,       0.0,       0.0);
     ( 369291.4, 3809790.2,       0.0,       0.0,       0.0);         ( 369281.2,
3809811.3,       0.0,       0.0,       0.0);
     ( 369775.2, 3810088.7,       0.0,       0.0,       0.0);         ( 369752.7,
3810077.9,       0.0,       0.0,       0.0);
     ( 369759.5, 3810117.8,       0.0,       0.0,       0.0);         ( 369736.0,
3810126.6,       0.0,       0.0,       0.0);
     ( 369635.7, 3810121.8,       0.0,       0.0,       0.0);         ( 369642.4,
3810161.7,       0.0,       0.0,       0.0);
     ( 369542.1, 3810155.1,       0.0,       0.0,       0.0);         ( 369544.0,
3810112.3,       0.0,       0.0,       0.0);
     ( 369545.9, 3810069.5,       0.0,       0.0,       0.0);         ( 369548.8,
3810196.8,       0.0,       0.0,       0.0);
     ( 369448.5, 3810190.7,       0.0,       0.0,       0.0);         ( 369450.3,
3810148.9,       0.0,       0.0,       0.0);
     ( 369452.2, 3810107.1,       0.0,       0.0,       0.0);         ( 369454.1,
3810065.2,       0.0,       0.0,       0.0);
     ( 369455.2, 3810231.9,       0.0,       0.0,       0.0);         ( 369354.8,
3810226.1,       0.0,       0.0,       0.0);
     ( 369356.7, 3810184.8,       0.0,       0.0,       0.0);         ( 369358.5,
3810143.6,       0.0,       0.0,       0.0);
     ( 369360.3, 3810102.3,       0.0,       0.0,       0.0);         ( 369362.2,
3810061.0,       0.0,       0.0,       0.0);
     ( 369364.0, 3810019.7,       0.0,       0.0,       0.0);         ( 369365.9,
3809978.4,       0.0,       0.0,       0.0);
     ( 369367.7, 3809937.2,       0.0,       0.0,       0.0);         ( 369369.5,
3809895.9,       0.0,       0.0,       0.0);
     ( 369361.5, 3810267.1,       0.0,       0.0,       0.0);         ( 369261.2,
3810260.5,       0.0,       0.0,       0.0);
     ( 369263.1, 3810217.7,       0.0,       0.0,       0.0);         ( 369265.0,
3810174.9,       0.0,       0.0,       0.0);
     ( 369267.0, 3810132.2,       0.0,       0.0,       0.0);         ( 369268.9,
3810089.4,       0.0,       0.0,       0.0);
     ( 369270.8, 3810046.6,       0.0,       0.0,       0.0);         ( 369272.7,
3810003.8,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369274.6, 3809961.0, 0.0, 0.0, 0.0); (369276.5, 3809918.3, 0.0, 0.0, 0.0);
(369278.4, 3809875.5, 0.0, 0.0, 0.0); (369267.9, 3810302.2, 0.0, 0.0, 0.0);
(369835.8, 3810124.8, 0.0, 0.0, 0.0); (369855.3, 3810137.1, 0.0, 0.0, 0.0);
(369792.9, 3810121.4, 0.0, 0.0, 0.0); (369822.5, 3810146.0, 0.0, 0.0, 0.0);
(369841.9, 3810158.3, 0.0, 0.0, 0.0); (369779.6, 3810142.5, 0.0, 0.0, 0.0);
(369809.1, 3810167.1, 0.0, 0.0, 0.0); (369828.6, 3810179.4, 0.0, 0.0, 0.0);
(369762.9, 3810159.5, 0.0, 0.0, 0.0); (369795.8, 3810188.3, 0.0, 0.0, 0.0);
(369815.3, 3810200.6, 0.0, 0.0, 0.0); (369709.6, 3810244.1, 0.0, 0.0, 0.0);
(369682.7, 3810211.1, 0.0, 0.0, 0.0); (369742.5, 3810272.9, 0.0, 0.0, 0.0);
(369761.9, 3810285.1, 0.0, 0.0, 0.0); (369656.2, 3810328.7, 0.0, 0.0, 0.0);
(369629.4, 3810295.7, 0.0, 0.0, 0.0); (369602.5, 3810262.8, 0.0, 0.0, 0.0);
(369575.7, 3810229.8, 0.0, 0.0, 0.0); (369689.1, 3810357.5, 0.0, 0.0, 0.0);
(369708.6, 3810369.7, 0.0, 0.0, 0.0); (369602.9, 3810413.3, 0.0, 0.0, 0.0);
(369576.0, 3810380.3, 0.0, 0.0, 0.0); (369549.2, 3810347.3, 0.0, 0.0, 0.0);
(369522.3, 3810314.4, 0.0, 0.0, 0.0); (369495.5, 3810281.4, 0.0, 0.0, 0.0);
(369635.8, 3810442.1, 0.0, 0.0, 0.0); (369655.3, 3810454.3, 0.0, 0.0, 0.0);
(369548.6, 3810496.7, 0.0, 0.0, 0.0); (369534.2, 3810479.0, 0.0, 0.0, 0.0);
(369519.8, 3810461.4, 0.0, 0.0, 0.0); (369505.4, 3810443.7, 0.0, 0.0, 0.0);
(369491.0, 3810426.0, 0.0, 0.0, 0.0); (369476.7, 3810408.4, 0.0, 0.0, 0.0);
(369462.3, 3810390.7, 0.0, 0.0, 0.0); (369447.9, 3810373.1, 0.0, 0.0, 0.0);
(369433.5, 3810355.4, 0.0, 0.0, 0.0); (369419.1,

```
3810337.7,       0.0,       0.0,       0.0);
     ( 369404.7, 3810320.1,       0.0,       0.0,       0.0);         ( 369390.3,
3810302.4,       0.0,       0.0,       0.0);
     ( 369375.9, 3810284.7,       0.0,       0.0,       0.0);         ( 369563.0,
3810514.4,       0.0,       0.0,       0.0);
     ( 369582.5, 3810526.6,       0.0,       0.0,       0.0);         ( 369601.9,
3810538.9,       0.0,       0.0,       0.0);
     ( 369495.5, 3810581.5,       0.0,       0.0,       0.0);         ( 369481.2,
3810564.0,       0.0,       0.0,       0.0);
     ( 369467.0, 3810546.6,       0.0,       0.0,       0.0);         ( 369438.6,
3810511.7,       0.0,       0.0,       0.0);
     ( 369424.3, 3810494.2,       0.0,       0.0,       0.0);         ( 369410.1,
3810476.8,       0.0,       0.0,       0.0);
     ( 369395.9, 3810459.3,       0.0,       0.0,       0.0);         ( 369381.7,
3810441.8,       0.0,       0.0,       0.0);
     ( 369353.2, 3810406.9,       0.0,       0.0,       0.0);         ( 369339.0,
3810389.5,       0.0,       0.0,       0.0);
     ( 369324.8, 3810372.0,       0.0,       0.0,       0.0);         ( 369310.6,
3810354.6,       0.0,       0.0,       0.0);
     ( 369296.4, 3810337.1,       0.0,       0.0,       0.0);         ( 369509.7,
3810599.0,       0.0,       0.0,       0.0);
     ( 369529.1, 3810611.2,       0.0,       0.0,       0.0);         ( 369548.6,
3810623.5,       0.0,       0.0,       0.0);
     ( 369674.6, 3810067.5,       0.0,       0.0,       0.0);         ( 369577.6,
3810043.2,       0.0,       0.0,       0.0);
     ( 369480.5, 3810019.0,       0.0,       0.0,       0.0);         ( 369383.5,
3809994.7,       0.0,       0.0,       0.0);
     ( 369865.2, 3810163.2,       0.0,       0.0,       0.0);         ( 369851.6,
3810184.2,       0.0,       0.0,       0.0);
     ( 369838.0, 3810205.2,       0.0,       0.0,       0.0);         ( 369824.4,
3810226.1,       0.0,       0.0,       0.0);
     ( 369676.3, 3810175.8,       0.0,       0.0,       0.0);         ( 369674.3,
3810145.3,       0.0,       0.0,       0.0);
     ( 369672.3, 3810114.8,       0.0,       0.0,       0.0);         ( 369770.1,
3810310.1,       0.0,       0.0,       0.0);
     ( 369582.0, 3810193.1,       0.0,       0.0,       0.0);         ( 369579.8,
3810159.8,       0.0,       0.0,       0.0);
     ( 369577.7, 3810126.6,       0.0,       0.0,       0.0);         ( 369575.5,
3810093.4,       0.0,       0.0,       0.0);
     ( 369715.7, 3810394.0,       0.0,       0.0,       0.0);         ( 369490.1,
3810247.1,       0.0,       0.0,       0.0);
     ( 369488.0, 3810214.6,       0.0,       0.0,       0.0);         ( 369485.9,
3810182.1,       0.0,       0.0,       0.0);
     ( 369483.8, 3810149.6,       0.0,       0.0,       0.0);         ( 369481.6,
3810117.1,       0.0,       0.0,       0.0);
     ( 369479.5, 3810084.6,       0.0,       0.0,       0.0);         ( 369477.4,
3810052.1,       0.0,       0.0,       0.0);
     ( 369661.4, 3810478.0,       0.0,       0.0,       0.0);         ( 369395.9,
3810265.5,       0.0,       0.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369393.7, 3810231.7, 0.0, 0.0, 0.0); (369391.5, 3810197.8, 0.0, 0.0, 0.0);
(369389.3, 3810164.0, 0.0, 0.0, 0.0); (369387.0, 3810130.1, 0.0, 0.0, 0.0);
(369384.8, 3810096.3, 0.0, 0.0, 0.0); (369381.5, 3810045.5, 0.0, 0.0, 0.0);
(369607.0, 3810561.9, 0.0, 0.0, 0.0); (369302.9, 3810303.1, 0.0, 0.0, 0.0);
(369300.8, 3810269.9, 0.0, 0.0, 0.0); (369298.6, 3810236.7, 0.0, 0.0, 0.0);
(369296.4, 3810203.4, 0.0, 0.0, 0.0); (369294.2, 3810170.2, 0.0, 0.0, 0.0);
(369292.1, 3810136.9, 0.0, 0.0, 0.0); (369289.9, 3810103.7, 0.0, 0.0, 0.0);
(369287.7, 3810070.5, 0.0, 0.0, 0.0); (369552.7, 3810645.9, 0.0, 0.0, 0.0);
(369879.1, 3810188.2, 0.0, 0.0, 0.0); (369887.5, 3810212.3, 0.0, 0.0, 0.0);
(369862.8, 3810208.8, 0.0, 0.0, 0.0); (369893.2, 3810236.1, 0.0, 0.0, 0.0);
(369865.7, 3810232.1, 0.0, 0.0, 0.0); (369921.4, 3810332.1, 0.0, 0.0, 0.0);
(369893.9, 3810328.1, 0.0, 0.0, 0.0); (369866.4, 3810324.1, 0.0, 0.0, 0.0);
(369838.8, 3810320.1, 0.0, 0.0, 0.0); (369811.3, 3810316.1, 0.0, 0.0, 0.0);
(369949.6, 3810329.8, 0.0, 0.0, 0.0); (369948.8, 3810427.9, 0.0, 0.0, 0.0);
(369919.7, 3810423.7, 0.0, 0.0, 0.0); (369890.5, 3810419.4, 0.0, 0.0, 0.0);
(369861.4, 3810415.2, 0.0, 0.0, 0.0); (369832.3, 3810411.0, 0.0, 0.0, 0.0);
(369803.1, 3810406.7, 0.0, 0.0, 0.0); (369774.0, 3810402.5, 0.0, 0.0, 0.0);
(369744.8, 3810398.3, 0.0, 0.0, 0.0); (369977.8, 3810425.8, 0.0, 0.0, 0.0);
(369977.2, 3810523.9, 0.0, 0.0, 0.0); (369948.5, 3810519.7, 0.0, 0.0, 0.0);
(369919.8, 3810515.5, 0.0, 0.0, 0.0); (369891.1,

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3810511.3,       0.0,       0.0,       0.0);
     ( 369862.4, 3810507.2,       0.0,       0.0,       0.0);         ( 369833.7,
3810503.0,       0.0,       0.0,       0.0);
     ( 369804.9, 3810498.8,       0.0,       0.0,       0.0);         ( 369776.2,
3810494.7,       0.0,       0.0,       0.0);
     ( 369747.5, 3810490.5,       0.0,       0.0,       0.0);         ( 369718.8,
3810486.3,       0.0,       0.0,       0.0);
     ( 369690.1, 3810482.1,       0.0,       0.0,       0.0);         ( 370006.0,
3810521.7,       0.0,       0.0,       0.0);
     ( 370005.1, 3810619.8,       0.0,       0.0,       0.0);         ( 369975.6,
3810615.5,       0.0,       0.0,       0.0);
     ( 369946.1, 3810611.2,       0.0,       0.0,       0.0);         ( 369916.6,
3810606.9,       0.0,       0.0,       0.0);
     ( 369887.1, 3810602.6,       0.0,       0.0,       0.0);         ( 369857.6,
3810598.3,       0.0,       0.0,       0.0);
     ( 369828.1, 3810594.0,       0.0,       0.0,       0.0);         ( 369798.7,
3810589.8,       0.0,       0.0,       0.0);
     ( 369769.2, 3810585.5,       0.0,       0.0,       0.0);         ( 369739.7,
3810581.2,       0.0,       0.0,       0.0);
     ( 369710.2, 3810576.9,       0.0,       0.0,       0.0);         ( 369680.7,
3810572.6,       0.0,       0.0,       0.0);
     ( 369651.2, 3810568.3,       0.0,       0.0,       0.0);         ( 370034.2,
3810617.7,       0.0,       0.0,       0.0);
     ( 370033.5, 3810715.7,       0.0,       0.0,       0.0);         ( 370004.3,
3810711.5,       0.0,       0.0,       0.0);
     ( 369975.2, 3810707.2,       0.0,       0.0,       0.0);         ( 369946.0,
3810703.0,       0.0,       0.0,       0.0);
     ( 369916.9, 3810698.8,       0.0,       0.0,       0.0);         ( 369887.8,
3810694.5,       0.0,       0.0,       0.0);
     ( 369858.6, 3810690.3,       0.0,       0.0,       0.0);         ( 369829.5,
3810686.1,       0.0,       0.0,       0.0);
     ( 369800.3, 3810681.8,       0.0,       0.0,       0.0);         ( 369771.2,
3810677.6,       0.0,       0.0,       0.0);
     ( 369742.1, 3810673.4,       0.0,       0.0,       0.0);         ( 369712.9,
3810669.1,       0.0,       0.0,       0.0);
     ( 369683.8, 3810664.9,       0.0,       0.0,       0.0);         ( 369654.6,
3810660.7,       0.0,       0.0,       0.0);
     ( 369625.5, 3810656.4,       0.0,       0.0,       0.0);         ( 369596.4,
3810652.2,       0.0,       0.0,       0.0);
     ( 370062.4, 3810713.6,       0.0,       0.0,       0.0);         ( 369930.0,
3810171.2,       0.0,       0.0,       0.0);
     ( 369915.7, 3810247.0,       0.0,       0.0,       0.0);         ( 369793.0,
3810520.8,       0.0,       0.0,       0.0);
     ( 369735.8, 3810604.7,       0.0,       0.0,       0.0);         ( 369678.5,
3810688.6,       0.0,       0.0,       0.0);
     ( 369711.2, 3810703.3,       0.0,       0.0,       0.0);         ( 369951.0,
3810180.1,       0.0,       0.0,       0.0);
     ( 369974.7, 3810185.5,       0.0,       0.0,       0.0);         ( 370069.5,
3810207.2,       0.0,       0.0,       0.0);
     ( 369969.1, 3810209.9,       0.0,       0.0,       0.0);         ( 369992.8,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

    (369987.3, 3810239.7,   0.0,   0.0,   0.0);   (370011.0,
3810245.1,   0.0,   0.0,   0.0);
    (370034.6, 3810250.5,   0.0,   0.0,   0.0);   (370058.3,
3810255.9,   0.0,   0.0,   0.0);
    (370005.4, 3810269.5,   0.0,   0.0,   0.0);   (370029.1,
3810274.9,   0.0,   0.0,   0.0);
    (370052.8, 3810280.3,   0.0,   0.0,   0.0);   (369935.7,
3810356.1,   0.0,   0.0,   0.0);
    (369959.4, 3810361.5,   0.0,   0.0,   0.0);   (369983.1,
3810366.9,   0.0,   0.0,   0.0);
    (370006.8, 3810372.4,   0.0,   0.0,   0.0);   (369871.1,
3810442.0,   0.0,   0.0,   0.0);
    (369913.4, 3810453.6,   0.0,   0.0,   0.0);   (369937.1,
3810459.0,   0.0,   0.0,   0.0);
    (369960.8, 3810464.4,   0.0,   0.0,   0.0);   (369984.5,
3810469.8,   0.0,   0.0,   0.0);
    (370008.2, 3810475.3,   0.0,   0.0,   0.0);   (369848.8,
3810539.4,   0.0,   0.0,   0.0);
    (369891.1, 3810551.1,   0.0,   0.0,   0.0);   (369914.8,
3810556.5,   0.0,   0.0,   0.0);
    (369938.5, 3810561.9,   0.0,   0.0,   0.0);   (369962.2,
3810567.3,   0.0,   0.0,   0.0);
    (369985.9, 3810572.8,   0.0,   0.0,   0.0);   (369826.5,
3810636.9,   0.0,   0.0,   0.0);
    (369789.3, 3810624.5,   0.0,   0.0,   0.0);   (369868.9,
3810648.6,   0.0,   0.0,   0.0);
    (369892.5, 3810654.0,   0.0,   0.0,   0.0);   (369916.2,
3810659.4,   0.0,   0.0,   0.0);
    (369939.9, 3810664.8,   0.0,   0.0,   0.0);   (369963.6,
3810670.2,   0.0,   0.0,   0.0);
    (369800.5, 3810733.2,   0.0,   0.0,   0.0);   (369778.2,
3810725.7,   0.0,   0.0,   0.0);
    (369755.9, 3810718.2,   0.0,   0.0,   0.0);   (369733.5,
3810710.7,   0.0,   0.0,   0.0);
    (369822.9, 3810740.6,   0.0,   0.0,   0.0);   (369846.6,
3810746.1,   0.0,   0.0,   0.0);
    (369870.3, 3810751.5,   0.0,   0.0,   0.0);   (369894.0,

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3810756.9,       0.0,       0.0,       0.0);
     ( 369917.6, 3810762.3,       0.0,       0.0,       0.0);         ( 369941.3,
3810767.7,       0.0,       0.0,       0.0);
     ( 370097.2, 3810203.4,       0.0,       0.0,       0.0);         ( 370086.3,
3810231.5,       0.0,       0.0,       0.0);
     ( 370119.3, 3810223.9,       0.0,       0.0,       0.0);         ( 370108.4,
3810252.1,       0.0,       0.0,       0.0);
     ( 370136.5, 3810373.9,       0.0,       0.0,       0.0);         ( 370125.8,
3810475.1,       0.0,       0.0,       0.0);
     ( 370092.2, 3810475.2,       0.0,       0.0,       0.0);         ( 370058.6,
3810475.2,       0.0,       0.0,       0.0);
     ( 370148.8, 3810572.6,       0.0,       0.0,       0.0);         ( 370116.2,
3810572.6,       0.0,       0.0,       0.0);
     ( 370083.6, 3810572.6,       0.0,       0.0,       0.0);         ( 370051.0,
3810572.7,       0.0,       0.0,       0.0);
     ( 370018.5, 3810572.7,       0.0,       0.0,       0.0);         ( 370181.5,
3810568.7,       0.0,       0.0,       0.0);
     ( 370171.5, 3810670.0,       0.0,       0.0,       0.0);         ( 370139.6,
3810670.0,       0.0,       0.0,       0.0);
     ( 370107.6, 3810670.1,       0.0,       0.0,       0.0);         ( 370075.6,
3810670.1,       0.0,       0.0,       0.0);
     ( 370043.6, 3810670.1,       0.0,       0.0,       0.0);         ( 370011.6,
3810670.2,       0.0,       0.0,       0.0);
     ( 370204.0, 3810666.2,       0.0,       0.0,       0.0);         ( 370193.2,
3810767.4,       0.0,       0.0,       0.0);
     ( 370159.7, 3810767.5,       0.0,       0.0,       0.0);         ( 370126.1,
3810767.5,       0.0,       0.0,       0.0);
     ( 370092.5, 3810767.6,       0.0,       0.0,       0.0);         ( 370058.9,
3810767.6,       0.0,       0.0,       0.0);
     ( 370025.3, 3810767.6,       0.0,       0.0,       0.0);         ( 369991.7,
3810767.7,       0.0,       0.0,       0.0);
     ( 370226.5, 3810763.6,       0.0,       0.0,       0.0);         ( 369890.0,
3810626.2,       0.0,       0.0,       0.0);
     ( 369840.9, 3810713.3,       0.0,       0.0,       0.0);         ( 370144.5,
3810239.5,       0.0,       0.0,       0.0);
     ( 370132.2, 3810261.3,       0.0,       0.0,       0.0);         ( 370171.6,
3810285.3,       0.0,       0.0,       0.0);
     ( 370172.5, 3810386.9,       0.0,       0.0,       0.0);         ( 370174.2,
3810482.4,       0.0,       0.0,       0.0);
     ( 370038.8, 3810460.2,       0.0,       0.0,       0.0);         ( 370209.0,
3810481.8,       0.0,       0.0,       0.0);
     ( 370006.7, 3810550.1,       0.0,       0.0,       0.0);         ( 369955.9,
3810541.8,       0.0,       0.0,       0.0);
     ( 370209.9, 3810583.4,       0.0,       0.0,       0.0);         ( 370245.4,
3810576.6,       0.0,       0.0,       0.0);
     ( 370032.5, 3810649.5,       0.0,       0.0,       0.0);         ( 369996.9,
3810643.7,       0.0,       0.0,       0.0);
     ( 369961.2, 3810637.9,       0.0,       0.0,       0.0);         ( 369925.6,
3810632.0,       0.0,       0.0,       0.0);
     ( 370228.5, 3810681.6,       0.0,       0.0,       0.0);         ( 370264.1,
```

3810674.8,   0.0,   0.0,   0.0);
     (370035.2, 3810745.1,   0.0,   0.0,   0.0);   (369999.9,
3810739.4,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (369964.6, 3810733.6,   0.0,   0.0,   0.0);   (369929.2,
3810727.8,   0.0,   0.0,   0.0);
     (369893.9, 3810722.0,   0.0,   0.0,   0.0);   (370247.2,
3810779.8,   0.0,   0.0,   0.0);
     (370282.8, 3810773.1,   0.0,   0.0,   0.0);   (370197.7,
3810206.9,   0.0,   0.0,   0.0);
     (370201.0, 3810256.8,   0.0,   0.0,   0.0);   (370202.7,
3810281.7,   0.0,   0.0,   0.0);
     (370196.7, 3810382.4,   0.0,   0.0,   0.0);   (370210.8,
3810782.3,   0.0,   0.0,   0.0);
     (370233.3, 3810215.2,   0.0,   0.0,   0.0);   (370261.3,
3810183.9,   0.0,   0.0,   0.0);
     (370266.0, 3810216.2,   0.0,   0.0,   0.0);   (370284.6,
3810232.9,   0.0,   0.0,   0.0);
     (370328.3, 3810323.4,   0.0,   0.0,   0.0);   (370294.3,
3810340.0,   0.0,   0.0,   0.0);
     (370401.4, 3810390.7,   0.0,   0.0,   0.0);   (370327.3,
3810426.9,   0.0,   0.0,   0.0);
     (370290.2, 3810445.1,   0.0,   0.0,   0.0);   (370433.9,
3810366.0,   0.0,   0.0,   0.0);
     (370458.3, 3810465.9,   0.0,   0.0,   0.0);   (370422.1,
3810483.6,   0.0,   0.0,   0.0);
     (370385.8, 3810501.4,   0.0,   0.0,   0.0);   (370331.5,
3810527.9,   0.0,   0.0,   0.0);
     (370295.2, 3810545.6,   0.0,   0.0,   0.0);   (370522.5,
3810416.9,   0.0,   0.0,   0.0);
     (370551.3, 3810523.5,   0.0,   0.0,   0.0);   (370497.6,
3810549.8,   0.0,   0.0,   0.0);
     (370461.9, 3810567.2,   0.0,   0.0,   0.0);   (370426.1,
3810584.7,   0.0,   0.0,   0.0);
     (370390.4, 3810602.2,   0.0,   0.0,   0.0);   (370354.6,
3810619.7,   0.0,   0.0,   0.0);
     (370318.8, 3810637.1,   0.0,   0.0,   0.0);   (370283.1,
3810654.6,   0.0,   0.0,   0.0);
     (370583.1, 3810499.1,   0.0,   0.0,   0.0);   (370625.3,

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3810590.4,       0.0,       0.0,       0.0);
     ( 370588.2, 3810608.5,       0.0,       0.0,       0.0);         ( 370551.1,
3810626.6,       0.0,       0.0,       0.0);
     ( 370514.1, 3810644.8,       0.0,       0.0,       0.0);         ( 370477.0,
3810662.9,       0.0,       0.0,       0.0);
     ( 370440.0, 3810681.0,       0.0,       0.0,       0.0);         ( 370402.9,
3810699.1,       0.0,       0.0,       0.0);
     ( 370365.8, 3810717.2,       0.0,       0.0,       0.0);         ( 370328.8,
3810735.3,       0.0,       0.0,       0.0);
     ( 370657.8, 3810565.7,       0.0,       0.0,       0.0);         ( 370310.1,
3810228.2,       0.0,       0.0,       0.0);
     ( 370352.1, 3810424.7,       0.0,       0.0,       0.0);         ( 370419.7,
3810508.1,       0.0,       0.0,       0.0);
     ( 370412.8, 3810615.3,       0.0,       0.0,       0.0);         ( 370450.0,
3810603.4,       0.0,       0.0,       0.0);
     ( 370405.9, 3810722.4,       0.0,       0.0,       0.0);         ( 370443.1,
3810710.6,       0.0,       0.0,       0.0);
     ( 370480.3, 3810698.7,       0.0,       0.0,       0.0);         ( 370315.6,
3810145.1,       0.0,       0.0,       0.0);
     ( 370332.8, 3810163.3,       0.0,       0.0,       0.0);         ( 370365.2,
3810167.1,       0.0,       0.0,       0.0);
     ( 370420.4, 3810281.4,       0.0,       0.0,       0.0);         ( 370471.6,
3810364.4,       0.0,       0.0,       0.0);
     ( 370556.1, 3810427.8,       0.0,       0.0,       0.0);         ( 370487.9,
3810467.9,       0.0,       0.0,       0.0);
     ( 370588.4, 3810403.3,       0.0,       0.0,       0.0);         ( 370624.4,
3810500.7,       0.0,       0.0,       0.0);
     ( 370589.5, 3810521.2,       0.0,       0.0,       0.0);         ( 370502.3,
3810572.6,       0.0,       0.0,       0.0);
     ( 370657.0, 3810476.0,       0.0,       0.0,       0.0);         ( 370692.8,
3810573.5,       0.0,       0.0,       0.0);
     ( 370657.4, 3810594.4,       0.0,       0.0,       0.0);         ( 370622.0,
3810615.3,       0.0,       0.0,       0.0);
     ( 370586.6, 3810636.1,       0.0,       0.0,       0.0);         ( 370551.1,
3810657.0,       0.0,       0.0,       0.0);
     ( 370515.7, 3810677.9,       0.0,       0.0,       0.0);         ( 370725.7,
3810548.7,       0.0,       0.0,       0.0);
     ( 370339.7, 3810134.9,       0.0,       0.0,       0.0);         ( 370363.1,
3810132.4,       0.0,       0.0,       0.0);
     ( 370389.1, 3810154.7,       0.0,       0.0,       0.0);         ( 370391.8,
3810179.5,       0.0,       0.0,       0.0);
     ( 370415.2, 3810177.0,       0.0,       0.0,       0.0);         ( 370438.5,
3810174.4,       0.0,       0.0,       0.0);
     ( 370417.9, 3810201.8,       0.0,       0.0,       0.0);         ( 370441.2,
3810199.3,       0.0,       0.0,       0.0);
     ( 370405.3, 3810303.8,       0.0,       0.0,       0.0);         ( 370452.0,
3810298.7,       0.0,       0.0,       0.0);
     ( 370439.5, 3810400.7,       0.0,       0.0,       0.0);         ( 370462.8,
3810398.1,       0.0,       0.0,       0.0);
     ( 370450.3, 3810500.1,       0.0,       0.0,       0.0);         ( 370473.6,
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3810497.5,   0.0,   0.0,   0.0);
     (370484.4, 3810597.0,   0.0,   0.0,   0.0);   (370469.8,
3810120.8,   0.0,   0.0,   0.0);
     (370475.1, 3810170.5,   0.0,   0.0,   0.0);   (370477.8,
3810195.4,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370488.5, 3810294.8,   0.0,   0.0,   0.0);   (370499.2,
3810394.2,   0.0,   0.0,   0.0);
     (370509.9, 3810493.6,   0.0,   0.0,   0.0);   (370520.6,
3810593.1,   0.0,   0.0,   0.0);
     (370549.6, 3810690.5,   0.0,   0.0,   0.0);   (370336.4,
3810228.2,   0.0,   0.0,   0.0);
     (370169.7, 3810339.6,   0.0,   0.0,   0.0);   (370090.8,
3810401.0,   0.0,   0.0,   0.0);
     (370029.6, 3810485.2,   0.0,   0.0,   0.0);   (370526.9,
3810167.6,   0.0,   0.0,   0.0);
     (370500.7, 3810191.8,   0.0,   0.0,   0.0);   (370526.0,
3810192.6,   0.0,   0.0,   0.0);
     (370499.8, 3810216.8,   0.0,   0.0,   0.0);   (370525.2,
3810217.6,   0.0,   0.0,   0.0);
     (370399.3, 3810267.1,   0.0,   0.0,   0.0);   (370377.7,
3810256.1,   0.0,   0.0,   0.0);
     (370356.1, 3810245.1,   0.0,   0.0,   0.0);   (370496.5,
3810316.7,   0.0,   0.0,   0.0);
     (370521.9, 3810317.5,   0.0,   0.0,   0.0);   (370482.3,
3810411.1,   0.0,   0.0,   0.0);
     (370396.0, 3810367.1,   0.0,   0.0,   0.0);   (370374.4,
3810356.1,   0.0,   0.0,   0.0);
     (370352.8, 3810345.1,   0.0,   0.0,   0.0);   (370277.2,
3810306.5,   0.0,   0.0,   0.0);
     (370400.2, 3810470.9,   0.0,   0.0,   0.0);   (370377.8,
3810459.5,   0.0,   0.0,   0.0);
     (370355.4, 3810448.1,   0.0,   0.0,   0.0);   (370299.4,
3810419.5,   0.0,   0.0,   0.0);
     (370277.0, 3810408.1,   0.0,   0.0,   0.0);   (370489.8,
3810516.6,   0.0,   0.0,   0.0);
     (370397.5, 3810571.2,   0.0,   0.0,   0.0);   (370375.3,
3810559.9,   0.0,   0.0,   0.0);
     (370353.1, 3810548.5,   0.0,   0.0,   0.0);   (370308.6,

```
3810525.8,       0.0,       0.0,       0.0);
     ( 370286.4, 3810514.5,       0.0,       0.0,       0.0);         ( 370253.0,
3810497.5,       0.0,       0.0,       0.0);
     ( 370499.1, 3810616.9,       0.0,       0.0,       0.0);         ( 370394.6,
3810671.4,       0.0,       0.0,       0.0);
     ( 370372.5, 3810660.1,       0.0,       0.0,       0.0);         ( 370350.4,
3810648.8,       0.0,       0.0,       0.0);
     ( 370295.1, 3810620.6,       0.0,       0.0,       0.0);         ( 370273.0,
3810609.3,       0.0,       0.0,       0.0);
     ( 370162.3, 3810552.9,       0.0,       0.0,       0.0);         ( 370140.2,
3810541.6,       0.0,       0.0,       0.0);
     ( 370118.1, 3810530.4,       0.0,       0.0,       0.0);         ( 370096.0,
3810519.1,       0.0,       0.0,       0.0);
     ( 370073.9, 3810507.8,       0.0,       0.0,       0.0);         ( 370495.8,
3810716.9,       0.0,       0.0,       0.0);
     ( 370547.9, 3810133.5,       0.0,       0.0,       0.0);         ( 370567.3,
3810109.8,       0.0,       0.0,       0.0);
     ( 370586.7, 3810125.7,       0.0,       0.0,       0.0);         ( 370548.3,
3810188.2,       0.0,       0.0,       0.0);
     ( 370593.8, 3810190.3,       0.0,       0.0,       0.0);         ( 370554.9,
3810211.7,       0.0,       0.0,       0.0);
     ( 370671.1, 3810253.8,       0.0,       0.0,       0.0);         ( 370635.0,
3810281.5,       0.0,       0.0,       0.0);
     ( 370596.1, 3810302.8,       0.0,       0.0,       0.0);         ( 370566.4,
3810308.7,       0.0,       0.0,       0.0);
     ( 370692.8, 3810232.8,       0.0,       0.0,       0.0);         ( 370748.4,
3810317.3,       0.0,       0.0,       0.0);
     ( 370724.3, 3810335.7,       0.0,       0.0,       0.0);         ( 370700.3,
3810354.1,       0.0,       0.0,       0.0);
     ( 370676.2, 3810372.6,       0.0,       0.0,       0.0);         ( 370637.3,
3810393.9,       0.0,       0.0,       0.0);
     ( 370770.1, 3810296.2,       0.0,       0.0,       0.0);         ( 370825.6,
3810380.8,       0.0,       0.0,       0.0);
     ( 370801.6, 3810399.2,       0.0,       0.0,       0.0);         ( 370777.5,
3810417.6,       0.0,       0.0,       0.0);
     ( 370753.5, 3810436.0,       0.0,       0.0,       0.0);         ( 370729.5,
3810454.5,       0.0,       0.0,       0.0);
     ( 370705.4, 3810472.9,       0.0,       0.0,       0.0);         ( 370678.6,
3810485.0,       0.0,       0.0,       0.0);
     ( 370530.0, 3810514.5,       0.0,       0.0,       0.0);         ( 370847.4,
3810359.7,       0.0,       0.0,       0.0);
     ( 370902.9, 3810444.2,       0.0,       0.0,       0.0);         ( 370878.9,
3810462.7,       0.0,       0.0,       0.0);
     ( 370854.8, 3810481.1,       0.0,       0.0,       0.0);         ( 370830.8,
3810499.5,       0.0,       0.0,       0.0);
     ( 370806.8, 3810517.9,       0.0,       0.0,       0.0);         ( 370782.7,
3810536.4,       0.0,       0.0,       0.0);
     ( 370758.7, 3810554.8,       0.0,       0.0,       0.0);         ( 370719.8,
3810576.2,       0.0,       0.0,       0.0);
     ( 370924.6, 3810423.2,       0.0,       0.0,       0.0);         ( 370980.2,
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3810507.7,   0.0,   0.0,   0.0);
     (370956.1, 3810526.1,   0.0,   0.0,   0.0);   (370932.1,
3810544.6,   0.0,   0.0,   0.0);
     (370908.1, 3810563.0,   0.0,   0.0,   0.0);   (370884.0,
3810581.4,   0.0,   0.0,   0.0);
     (370860.0, 3810599.8,   0.0,   0.0,   0.0);   (370836.0,
3810618.3,   0.0,   0.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370811.9, 3810636.7,   0.0,   0.0,   0.0);   (370787.9,
3810655.1,   0.0,   0.0,   0.0);
     (370761.0, 3810667.3,   0.0,   0.0,   0.0);   (370731.3,
3810673.2,   0.0,   0.0,   0.0);
     (370701.6, 3810679.0,   0.0,   0.0,   0.0);   (370671.9,
3810684.9,   0.0,   0.0,   0.0);
     (370642.2, 3810690.8,   0.0,   0.0,   0.0);   (370612.5,
3810696.7,   0.0,   0.0,   0.0);
     (370582.8, 3810702.6,   0.0,   0.0,   0.0);   (370538.2,
3810711.4,   0.0,   0.0,   0.0);
     (371001.9, 3810486.7,   0.0,   0.0,   0.0);   (370553.8,
3810393.9,   0.0,   0.0,   0.0);
     (370555.8, 3810493.9,   0.0,   0.0,   0.0);   (370557.7,
3810593.9,   0.0,   0.0,   0.0);
     (370620.5, 3810108.0,   0.0,   0.0,   0.0);   (370657.8,
3810092.0,   0.0,   0.0,   0.0);
     (370630.5, 3810131.0,   0.0,   0.0,   0.0);   (370667.7,
3810114.9,   0.0,   0.0,   0.0);
     (370659.0, 3810145.9,   0.0,   0.0,   0.0);   (370696.2,
3810129.8,   0.0,   0.0,   0.0);
     (370631.7, 3810184.9,   0.0,   0.0,   0.0);   (370668.9,
3810168.8,   0.0,   0.0,   0.0);
     (370706.1, 3810152.8,   0.0,   0.0,   0.0);   (370671.3,
3810276.7,   0.0,   0.0,   0.0);
     (370708.5, 3810260.7,   0.0,   0.0,   0.0);   (370745.8,
3810244.6,   0.0,   0.0,   0.0);
     (370729.6, 3810360.5,   0.0,   0.0,   0.0);   (370766.8,
3810344.4,   0.0,   0.0,   0.0);
     (370769.2, 3810452.3,   0.0,   0.0,   0.0);   (370806.4,
3810436.2,   0.0,   0.0,   0.0);
     (370808.8, 3810544.1,   0.0,   0.0,   0.0);   (370846.1,

```
3810528.0,       0.0,       0.0,       0.0);
     ( 370867.1, 3810627.9,       0.0,       0.0,       0.0);         ( 370904.3,
3810611.8,       0.0,       0.0,       0.0);
     ( 370683.3, 3810079.4,       0.0,       0.0,       0.0);         ( 370701.6,
3810062.7,       0.0,       0.0,       0.0);
     ( 370719.9, 3810046.1,       0.0,       0.0,       0.0);         ( 370738.1,
3810029.4,       0.0,       0.0,       0.0);
     ( 370756.4, 3810012.7,       0.0,       0.0,       0.0);         ( 370774.7,
3809996.0,       0.0,       0.0,       0.0);
     ( 370700.2, 3810097.9,       0.0,       0.0,       0.0);         ( 370718.5,
3810081.2,       0.0,       0.0,       0.0);
     ( 370736.7, 3810064.5,       0.0,       0.0,       0.0);         ( 370755.0,
3810047.8,       0.0,       0.0,       0.0);
     ( 370773.3, 3810031.1,       0.0,       0.0,       0.0);         ( 370791.5,
3810014.5,       0.0,       0.0,       0.0);
     ( 370717.1, 3810116.3,       0.0,       0.0,       0.0);         ( 370735.3,
3810099.7,       0.0,       0.0,       0.0);
     ( 370753.6, 3810083.0,       0.0,       0.0,       0.0);         ( 370771.9,
3810066.3,       0.0,       0.0,       0.0);
     ( 370790.1, 3810049.6,       0.0,       0.0,       0.0);         ( 370808.4,
3810032.9,       0.0,       0.0,       0.0);
     ( 370733.9, 3810134.8,       0.0,       0.0,       0.0);         ( 370752.2,
3810118.1,       0.0,       0.0,       0.0);
     ( 370770.5, 3810101.4,       0.0,       0.0,       0.0);         ( 370788.7,
3810084.7,       0.0,       0.0,       0.0);
     ( 370807.0, 3810068.1,       0.0,       0.0,       0.0);         ( 370825.3,
3810051.4,       0.0,       0.0,       0.0);
     ( 370782.8, 3810220.6,       0.0,       0.0,       0.0);         ( 370819.6,
3810191.9,       0.0,       0.0,       0.0);
     ( 370837.9, 3810175.3,       0.0,       0.0,       0.0);         ( 370856.2,
3810158.6,       0.0,       0.0,       0.0);
     ( 370874.4, 3810141.9,       0.0,       0.0,       0.0);         ( 370892.7,
3810125.2,       0.0,       0.0,       0.0);
     ( 370852.1, 3810293.2,       0.0,       0.0,       0.0);         ( 370818.8,
3810314.8,       0.0,       0.0,       0.0);
     ( 370887.1, 3810265.8,       0.0,       0.0,       0.0);         ( 370905.3,
3810249.1,       0.0,       0.0,       0.0);
     ( 370923.6, 3810232.4,       0.0,       0.0,       0.0);         ( 370941.9,
3810215.7,       0.0,       0.0,       0.0);
     ( 370960.1, 3810199.0,       0.0,       0.0,       0.0);         ( 370917.7,
3810368.3,       0.0,       0.0,       0.0);
     ( 370880.6, 3810392.2,       0.0,       0.0,       0.0);         ( 370843.6,
3810416.2,       0.0,       0.0,       0.0);
     ( 370954.5, 3810339.6,       0.0,       0.0,       0.0);         ( 370972.8,
3810322.9,       0.0,       0.0,       0.0);
     ( 370991.1, 3810306.2,       0.0,       0.0,       0.0);         ( 371009.3,
3810289.5,       0.0,       0.0,       0.0);
     ( 371027.6, 3810272.9,       0.0,       0.0,       0.0);         ( 370983.8,
3810443.0,       0.0,       0.0,       0.0);
     ( 370964.0, 3810455.8,       0.0,       0.0,       0.0);         ( 370944.1,
```

3810468.6,   0.0,   0.0,   0.0);
     (370924.3, 3810481.5,   0.0,   0.0,   0.0);   (370904.4,
3810494.3,   0.0,   0.0,   0.0);
     (370884.5, 3810507.2,   0.0,   0.0,   0.0);   (371003.7,
3810430.1,   0.0,   0.0,   0.0);
     (371022.0, 3810413.4,   0.0,   0.0,   0.0);   (371040.2,
3810396.8,   0.0,   0.0,   0.0);
     (371058.5, 3810380.1,   0.0,   0.0,   0.0);   (371076.8,
3810363.4,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                        (METERS)

     (371095.0, 3810346.7,   0.0,   0.0,   0.0);   (371052.6,
3810515.9,   0.0,   0.0,   0.0);
     (371015.5, 3810539.9,   0.0,   0.0,   0.0);   (370978.5,
3810563.9,   0.0,   0.0,   0.0);
     (370941.4, 3810587.8,   0.0,   0.0,   0.0);   (371089.4,
3810487.3,   0.0,   0.0,   0.0);
     (371107.7, 3810470.6,   0.0,   0.0,   0.0);   (371126.0,
3810453.9,   0.0,   0.0,   0.0);
     (371144.2, 3810437.2,   0.0,   0.0,   0.0);   (371162.5,
3810420.5,   0.0,   0.0,   0.0);
     (370823.6, 3810014.7,   0.0,   0.0,   0.0);   (370847.0,
3810018.9,   0.0,   0.0,   0.0);
     (370870.4, 3810023.1,   0.0,   0.0,   0.0);   (370893.8,
3810027.3,   0.0,   0.0,   0.0);
     (370917.2, 3810031.4,   0.0,   0.0,   0.0);   (370940.7,
3810035.6,   0.0,   0.0,   0.0);
     (370964.1, 3810039.8,   0.0,   0.0,   0.0);   (370987.5,
3810044.0,   0.0,   0.0,   0.0);
     (371010.9, 3810048.2,   0.0,   0.0,   0.0);   (370866.0,
3810047.7,   0.0,   0.0,   0.0);
     (370889.5, 3810051.9,   0.0,   0.0,   0.0);   (370912.9,
3810056.0,   0.0,   0.0,   0.0);
     (370936.3, 3810060.2,   0.0,   0.0,   0.0);   (370959.7,
3810064.4,   0.0,   0.0,   0.0);
     (370983.1, 3810068.6,   0.0,   0.0,   0.0);   (371006.5,
3810072.8,   0.0,   0.0,   0.0);
     (370861.6, 3810072.3,   0.0,   0.0,   0.0);   (370885.0,
3810076.5,   0.0,   0.0,   0.0);
     (370908.5, 3810080.7,   0.0,   0.0,   0.0);   (370931.9,

```
3810084.8,       0.0,       0.0,       0.0);
     ( 370955.3, 3810089.0,       0.0,       0.0,       0.0);         ( 370978.7,
3810093.2,       0.0,       0.0,       0.0);
     ( 371002.1, 3810097.4,       0.0,       0.0,       0.0);         ( 370833.8,
3810092.7,       0.0,       0.0,       0.0);
     ( 370857.2, 3810096.9,       0.0,       0.0,       0.0);         ( 370880.6,
3810101.1,       0.0,       0.0,       0.0);
     ( 370904.1, 3810105.3,       0.0,       0.0,       0.0);         ( 370927.5,
3810109.5,       0.0,       0.0,       0.0);
     ( 370950.9, 3810113.6,       0.0,       0.0,       0.0);         ( 370974.3,
3810117.8,       0.0,       0.0,       0.0);
     ( 370997.7, 3810122.0,       0.0,       0.0,       0.0);         ( 370722.6,
3810174.4,       0.0,       0.0,       0.0);
     ( 370746.0, 3810178.6,       0.0,       0.0,       0.0);         ( 370769.4,
3810182.8,       0.0,       0.0,       0.0);
     ( 370792.8, 3810187.0,       0.0,       0.0,       0.0);         ( 370863.0,
3810199.5,       0.0,       0.0,       0.0);
     ( 370886.5, 3810203.7,       0.0,       0.0,       0.0);         ( 370909.9,
3810207.9,       0.0,       0.0,       0.0);
     ( 370980.1, 3810220.4,       0.0,       0.0,       0.0);         ( 370728.4,
3810277.0,       0.0,       0.0,       0.0);
     ( 370751.8, 3810281.2,       0.0,       0.0,       0.0);         ( 370798.6,
3810289.6,       0.0,       0.0,       0.0);
     ( 370892.3, 3810306.3,       0.0,       0.0,       0.0);         ( 370915.7,
3810310.5,       0.0,       0.0,       0.0);
     ( 370939.1, 3810314.7,       0.0,       0.0,       0.0);         ( 370710.8,
3810375.5,       0.0,       0.0,       0.0);
     ( 370757.6, 3810383.8,       0.0,       0.0,       0.0);         ( 370781.0,
3810388.0,       0.0,       0.0,       0.0);
     ( 370898.1, 3810409.0,       0.0,       0.0,       0.0);         ( 370740.0,
3810482.3,       0.0,       0.0,       0.0);
     ( 370763.4, 3810486.5,       0.0,       0.0,       0.0);         ( 370786.8,
3810490.7,       0.0,       0.0,       0.0);
     ( 370927.3, 3810515.8,       0.0,       0.0,       0.0);         ( 370745.8,
3810584.9,       0.0,       0.0,       0.0);
     ( 370769.2, 3810589.1,       0.0,       0.0,       0.0);         ( 370792.7,
3810593.3,       0.0,       0.0,       0.0);
     ( 370816.1, 3810597.5,       0.0,       0.0,       0.0);         ( 371046.6,
3810082.6,       0.0,       0.0,       0.0);
     ( 371071.1, 3810084.3,       0.0,       0.0,       0.0);         ( 371095.5,
3810086.0,       0.0,       0.0,       0.0);
     ( 371120.0, 3810087.8,       0.0,       0.0,       0.0);         ( 371144.4,
3810089.5,       0.0,       0.0,       0.0);
     ( 371044.8, 3810107.5,       0.0,       0.0,       0.0);         ( 371069.3,
3810109.3,       0.0,       0.0,       0.0);
     ( 371093.8, 3810111.0,       0.0,       0.0,       0.0);         ( 371118.2,
3810112.7,       0.0,       0.0,       0.0);
     ( 371142.7, 3810114.4,       0.0,       0.0,       0.0);         ( 371018.6,
3810130.7,       0.0,       0.0,       0.0);
     ( 371043.1, 3810132.5,       0.0,       0.0,       0.0);         ( 371067.5,
```

3810134.2,   0.0,   0.0,   0.0);
     (371092.0, 3810135.9,   0.0,   0.0,   0.0);   (371116.4,
3810137.7,   0.0,   0.0,   0.0);
     (371140.9, 3810139.4,   0.0,   0.0,   0.0);   (370998.0,
3810148.1,   0.0,   0.0,   0.0);
     (371041.3, 3810157.4,   0.0,   0.0,   0.0);   (371065.8,
3810159.1,   0.0,   0.0,   0.0);
     (371090.2, 3810160.9,   0.0,   0.0,   0.0);   (371114.7,
3810162.6,   0.0,   0.0,   0.0);
     (371139.1, 3810164.3,   0.0,   0.0,   0.0);   (370987.2,
3810246.4,   0.0,   0.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370964.5, 3810237.3,   0.0,   0.0,   0.0);   (370843.8,
3810128.0,   0.0,   0.0,   0.0);
     (371009.8, 3810255.4,   0.0,   0.0,   0.0);   (371058.7,
3810258.9,   0.0,   0.0,   0.0);
     (371083.2, 3810260.6,   0.0,   0.0,   0.0);   (371107.6,
3810262.3,   0.0,   0.0,   0.0);
     (371132.1, 3810264.1,   0.0,   0.0,   0.0);   (370981.5,
3810346.7,   0.0,   0.0,   0.0);
     (370820.5, 3810268.0,   0.0,   0.0,   0.0);   (370808.2,
3810248.7,   0.0,   0.0,   0.0);
     (371002.8, 3810355.2,   0.0,   0.0,   0.0);   (371027.2,
3810356.9,   0.0,   0.0,   0.0);
     (371125.0, 3810363.8,   0.0,   0.0,   0.0);   (370950.4,
3810436.8,   0.0,   0.0,   0.0);
     (370729.6, 3810302.7,   0.0,   0.0,   0.0);   (370663.8,
3810200.1,   0.0,   0.0,   0.0);
     (371020.2, 3810456.7,   0.0,   0.0,   0.0);   (371044.6,
3810458.4,   0.0,   0.0,   0.0);
     (371069.1, 3810460.1,   0.0,   0.0,   0.0);   (370692.8,
3810421.7,   0.0,   0.0,   0.0);
     (370680.2, 3810401.9,   0.0,   0.0,   0.0);   (370629.5,
3810323.0,   0.0,   0.0,   0.0);
     (371037.6, 3810558.1,   0.0,   0.0,   0.0);   (371062.0,
3810559.9,   0.0,   0.0,   0.0);
     (371086.5, 3810561.6,   0.0,   0.0,   0.0);   (371110.9,
3810563.3,   0.0,   0.0,   0.0);
     (370959.0, 3810645.4,   0.0,   0.0,   0.0);   (370936.3,

```
3810636.3,       0.0,       0.0,       0.0);
     ( 370687.1, 3810536.7,       0.0,       0.0,       0.0);         ( 370664.5,
3810527.6,       0.0,       0.0,       0.0);
     ( 370589.1, 3810436.4,       0.0,       0.0,       0.0);         ( 370483.7,
3810272.1,       0.0,       0.0,       0.0);
     ( 370981.6, 3810654.4,       0.0,       0.0,       0.0);         ( 371006.1,
3810656.2,       0.0,       0.0,       0.0);
     ( 371030.5, 3810657.9,       0.0,       0.0,       0.0);         ( 371055.0,
3810659.6,       0.0,       0.0,       0.0);
     ( 371079.4, 3810661.3,       0.0,       0.0,       0.0);         ( 371103.9,
3810663.1,       0.0,       0.0,       0.0);
     ( 371167.5, 3810080.6,       0.0,       0.0,       0.0);         ( 371165.5,
3810108.7,       0.0,       0.0,       0.0);
     ( 371178.9, 3810129.8,       0.0,       0.0,       0.0);         ( 371191.2,
3810151.1,       0.0,       0.0,       0.0);
     ( 371165.2, 3810157.7,       0.0,       0.0,       0.0);         ( 371245.0,
3810235.4,       0.0,       0.0,       0.0);
     ( 371218.9, 3810242.0,       0.0,       0.0,       0.0);         ( 371192.9,
3810248.7,       0.0,       0.0,       0.0);
     ( 371166.8, 3810255.3,       0.0,       0.0,       0.0);         ( 371298.7,
3810319.8,       0.0,       0.0,       0.0);
     ( 371272.6, 3810326.4,       0.0,       0.0,       0.0);         ( 371246.6,
3810333.0,       0.0,       0.0,       0.0);
     ( 371220.5, 3810339.6,       0.0,       0.0,       0.0);         ( 371194.5,
3810346.2,       0.0,       0.0,       0.0);
     ( 371168.5, 3810352.8,       0.0,       0.0,       0.0);         ( 371352.1,
3810404.2,       0.0,       0.0,       0.0);
     ( 371325.1, 3810411.0,       0.0,       0.0,       0.0);         ( 371298.1,
3810417.9,       0.0,       0.0,       0.0);
     ( 371271.1, 3810424.8,       0.0,       0.0,       0.0);         ( 371244.1,
3810431.6,       0.0,       0.0,       0.0);
     ( 371217.0, 3810438.4,       0.0,       0.0,       0.0);         ( 371190.0,
3810445.3,       0.0,       0.0,       0.0);
     ( 371163.0, 3810452.2,       0.0,       0.0,       0.0);         ( 371405.9,
3810488.5,       0.0,       0.0,       0.0);
     ( 371379.1, 3810495.3,       0.0,       0.0,       0.0);         ( 371352.3,
3810502.1,       0.0,       0.0,       0.0);
     ( 371325.5, 3810508.9,       0.0,       0.0,       0.0);         ( 371298.6,
3810515.7,       0.0,       0.0,       0.0);
     ( 371271.8, 3810522.5,       0.0,       0.0,       0.0);         ( 371245.0,
3810529.3,       0.0,       0.0,       0.0);
     ( 371218.2, 3810536.1,       0.0,       0.0,       0.0);         ( 371191.4,
3810542.9,       0.0,       0.0,       0.0);
     ( 371164.6, 3810549.7,       0.0,       0.0,       0.0);         ( 371137.8,
3810556.5,       0.0,       0.0,       0.0);
     ( 371459.7, 3810572.8,       0.0,       0.0,       0.0);         ( 371433.0,
3810579.6,       0.0,       0.0,       0.0);
     ( 371406.3, 3810586.4,       0.0,       0.0,       0.0);         ( 371379.6,
3810593.1,       0.0,       0.0,       0.0);
     ( 371353.0, 3810599.9,       0.0,       0.0,       0.0);         ( 371326.3,
```

3810606.7,   0.0,   0.0,   0.0);
     (371299.6, 3810613.4,   0.0,   0.0,   0.0);   (371272.9,
3810620.2,   0.0,   0.0,   0.0);
     (371246.2, 3810627.0,   0.0,   0.0,   0.0);   (371219.5,
3810633.8,   0.0,   0.0,   0.0);
     (371192.8, 3810640.5,   0.0,   0.0,   0.0);   (371166.1,
3810647.3,   0.0,   0.0,   0.0);
     (371139.5, 3810654.0,   0.0,   0.0,   0.0);   (371179.1,
3810059.5,   0.0,   0.0,   0.0);
     (371201.0, 3810071.5,   0.0,   0.0,   0.0);   (371189.4,
3810092.6,   0.0,   0.0,   0.0);
     (371204.1, 3810042.3,   0.0,   0.0,   0.0);   (371226.0,
3810071.5,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371211.4, 3810104.7,   0.0,   0.0,   0.0);   (371229.1,
3810042.3,   0.0,   0.0,   0.0);
     (371250.0, 3810075.6,   0.0,   0.0,   0.0);   (371230.5,
3810119.7,   0.0,   0.0,   0.0);
     (371254.1, 3810042.3,   0.0,   0.0,   0.0);   (371350.0,
3810075.6,   0.0,   0.0,   0.0);
     (371341.8, 3810107.6,   0.0,   0.0,   0.0);   (371333.5,
3810139.7,   0.0,   0.0,   0.0);
     (371318.1, 3810167.8,   0.0,   0.0,   0.0);   (371295.5,
3810192.0,   0.0,   0.0,   0.0);
     (371272.9, 3810216.1,   0.0,   0.0,   0.0);   (371354.1,
3810042.3,   0.0,   0.0,   0.0);
     (371450.0, 3810075.6,   0.0,   0.0,   0.0);   (371441.8,
3810107.6,   0.0,   0.0,   0.0);
     (371433.5, 3810139.7,   0.0,   0.0,   0.0);   (371425.3,
3810171.8,   0.0,   0.0,   0.0);
     (371405.8, 3810215.9,   0.0,   0.0,   0.0);   (371383.2,
3810240.1,   0.0,   0.0,   0.0);
     (371360.5, 3810264.2,   0.0,   0.0,   0.0);   (371337.9,
3810288.4,   0.0,   0.0,   0.0);
     (371454.1, 3810042.3,   0.0,   0.0,   0.0);   (371550.0,
3810075.6,   0.0,   0.0,   0.0);
     (371541.8, 3810107.6,   0.0,   0.0,   0.0);   (371533.5,
3810139.7,   0.0,   0.0,   0.0);
     (371525.3, 3810171.8,   0.0,   0.0,   0.0);   (371517.1,

```
3810203.8,       0.0,       0.0,       0.0);
     ( 371508.9, 3810235.9,       0.0,       0.0,       0.0);         ( 371493.5,
3810264.0,       0.0,       0.0,       0.0);
     ( 371470.8, 3810288.1,       0.0,       0.0,       0.0);         ( 371448.2,
3810312.3,       0.0,       0.0,       0.0);
     ( 371425.6, 3810336.5,       0.0,       0.0,       0.0);         ( 371403.0,
3810360.6,       0.0,       0.0,       0.0);
     ( 371380.3, 3810384.8,       0.0,       0.0,       0.0);         ( 371554.1,
3810042.3,       0.0,       0.0,       0.0);
     ( 371650.0, 3810075.6,       0.0,       0.0,       0.0);         ( 371641.8,
3810107.6,       0.0,       0.0,       0.0);
     ( 371633.5, 3810139.7,       0.0,       0.0,       0.0);         ( 371625.3,
3810171.8,       0.0,       0.0,       0.0);
     ( 371617.1, 3810203.8,       0.0,       0.0,       0.0);         ( 371608.9,
3810235.9,       0.0,       0.0,       0.0);
     ( 371600.7, 3810267.9,       0.0,       0.0,       0.0);         ( 371581.1,
3810312.1,       0.0,       0.0,       0.0);
     ( 371558.5, 3810336.2,       0.0,       0.0,       0.0);         ( 371535.9,
3810360.4,       0.0,       0.0,       0.0);
     ( 371513.3, 3810384.6,       0.0,       0.0,       0.0);         ( 371490.6,
3810408.7,       0.0,       0.0,       0.0);
     ( 371468.0, 3810432.9,       0.0,       0.0,       0.0);         ( 371445.4,
3810457.0,       0.0,       0.0,       0.0);
     ( 371654.1, 3810042.3,       0.0,       0.0,       0.0);         ( 371750.0,
3810075.6,       0.0,       0.0,       0.0);
     ( 371741.8, 3810107.6,       0.0,       0.0,       0.0);         ( 371733.5,
3810139.7,       0.0,       0.0,       0.0);
     ( 371725.3, 3810171.8,       0.0,       0.0,       0.0);         ( 371717.1,
3810203.8,       0.0,       0.0,       0.0);
     ( 371708.9, 3810235.9,       0.0,       0.0,       0.0);         ( 371700.7,
3810267.9,       0.0,       0.0,       0.0);
     ( 371692.5, 3810300.0,       0.0,       0.0,       0.0);         ( 371684.2,
3810332.1,       0.0,       0.0,       0.0);
     ( 371668.8, 3810360.2,       0.0,       0.0,       0.0);         ( 371646.2,
3810384.3,       0.0,       0.0,       0.0);
     ( 371623.6, 3810408.5,       0.0,       0.0,       0.0);         ( 371601.0,
3810432.7,       0.0,       0.0,       0.0);
     ( 371578.3, 3810456.8,       0.0,       0.0,       0.0);         ( 371555.7,
3810481.0,       0.0,       0.0,       0.0);
     ( 371533.1, 3810505.1,       0.0,       0.0,       0.0);         ( 371510.4,
3810529.3,       0.0,       0.0,       0.0);
     ( 371487.8, 3810553.5,       0.0,       0.0,       0.0);         ( 371754.1,
3810042.3,       0.0,       0.0,       0.0);
     ( 371146.6, 3810066.1,       0.0,       0.0,       0.0);         ( 371094.3,
3810233.1,       0.0,       0.0,       0.0);
     ( 371064.5, 3810328.6,       0.0,       0.0,       0.0);         ( 371046.1,
3810427.6,       0.0,       0.0,       0.0);
     ( 371004.7, 3810519.4,       0.0,       0.0,       0.0);         ( 370974.8,
3810614.9,       0.0,       0.0,       0.0);
     ( 371119.5, 3810240.5,       0.0,       0.0,       0.0);         ( 371073.4,
```

3810435.1,   0.0,   0.0,   0.0);
     (371100.8, 3810441.6,   0.0,   0.0,   0.0);   (371064.1,
3810535.7,   0.0,   0.0,   0.0);
     (371017.1, 3810626.9,   0.0,   0.0,   0.0);   (371041.0,
3810633.0,   0.0,   0.0,   0.0);
     (371220.0, 3810008.5,   0.0,   0.0,   0.0);   (371221.0,
3809986.0,   0.0,   0.0,   0.0);
     (371222.0, 3809963.5,   0.0,   0.0,   0.0);   (371223.0,
3809941.0,   0.0,   0.0,   0.0);
     (371224.1, 3809918.5,   0.0,   0.0,   0.0);   (371225.1,
3809896.0,   0.0,   0.0,   0.0);
     (371244.9, 3810009.6,   0.0,   0.0,   0.0);   (371246.0,
3809987.1,   0.0,   0.0,   0.0);
     (371247.0, 3809964.6,   0.0,   0.0,   0.0);   (371248.0,
3809942.1,   0.0,   0.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371249.0, 3809919.6,   0.0,   0.0,   0.0);   (371250.1,
3809897.1,   0.0,   0.0,   0.0);
     (371269.9, 3810010.8,   0.0,   0.0,   0.0);   (371270.9,
3809988.3,   0.0,   0.0,   0.0);
     (371272.0, 3809965.8,   0.0,   0.0,   0.0);   (371273.0,
3809943.3,   0.0,   0.0,   0.0);
     (371274.0, 3809920.8,   0.0,   0.0,   0.0);   (371275.0,
3809898.3,   0.0,   0.0,   0.0);
     (371282.9, 3810075.7,   0.0,   0.0,   0.0);   (371263.1,
3810113.3,   0.0,   0.0,   0.0);
     (371211.5, 3810140.9,   0.0,   0.0,   0.0);   (371293.8,
3810034.4,   0.0,   0.0,   0.0);
     (371294.9, 3810011.9,   0.0,   0.0,   0.0);   (371295.9,
3809989.4,   0.0,   0.0,   0.0);
     (371296.9, 3809966.9,   0.0,   0.0,   0.0);   (371298.0,
3809944.4,   0.0,   0.0,   0.0);
     (371299.0, 3809921.9,   0.0,   0.0,   0.0);   (371300.0,
3809899.4,   0.0,   0.0,   0.0);
     (371382.8, 3810080.3,   0.0,   0.0,   0.0);   (371363.0,
3810117.9,   0.0,   0.0,   0.0);
     (371323.3, 3810193.2,   0.0,   0.0,   0.0);   (371393.7,
3810039.0,   0.0,   0.0,   0.0);
     (371394.8, 3810016.5,   0.0,   0.0,   0.0);   (371395.8,

```
3809994.0,       0.0,       0.0,       0.0);
     ( 371396.8, 3809971.5,       0.0,       0.0,       0.0);         ( 371397.8,
3809949.0,       0.0,       0.0,       0.0);
     ( 371398.9, 3809926.5,       0.0,       0.0,       0.0);         ( 371399.9,
3809904.0,       0.0,       0.0,       0.0);
     ( 371482.7, 3810084.8,       0.0,       0.0,       0.0);         ( 371462.9,
3810122.5,       0.0,       0.0,       0.0);
     ( 371423.2, 3810197.7,       0.0,       0.0,       0.0);         ( 371383.5,
3810273.0,       0.0,       0.0,       0.0);
     ( 371144.6, 3810339.9,       0.0,       0.0,       0.0);         ( 371493.6,
3810043.5,       0.0,       0.0,       0.0);
     ( 371494.7, 3810021.0,       0.0,       0.0,       0.0);         ( 371495.7,
3809998.5,       0.0,       0.0,       0.0);
     ( 371496.7, 3809976.0,       0.0,       0.0,       0.0);         ( 371497.7,
3809953.5,       0.0,       0.0,       0.0);
     ( 371498.8, 3809931.0,       0.0,       0.0,       0.0);         ( 371499.8,
3809908.5,       0.0,       0.0,       0.0);
     ( 371582.6, 3810089.4,       0.0,       0.0,       0.0);         ( 371562.8,
3810127.0,       0.0,       0.0,       0.0);
     ( 371443.8, 3810352.8,       0.0,       0.0,       0.0);         ( 371225.7,
3810415.4,       0.0,       0.0,       0.0);
     ( 371593.5, 3810048.1,       0.0,       0.0,       0.0);         ( 371594.6,
3810025.6,       0.0,       0.0,       0.0);
     ( 371595.6, 3810003.1,       0.0,       0.0,       0.0);         ( 371596.6,
3809980.6,       0.0,       0.0,       0.0);
     ( 371597.6, 3809958.1,       0.0,       0.0,       0.0);         ( 371598.7,
3809935.6,       0.0,       0.0,       0.0);
     ( 371599.7, 3809913.1,       0.0,       0.0,       0.0);         ( 371682.0,
3810094.9,       0.0,       0.0,       0.0);
     ( 371661.1, 3810134.6,       0.0,       0.0,       0.0);         ( 371514.9,
3810411.9,       0.0,       0.0,       0.0);
     ( 371504.5, 3810431.7,       0.0,       0.0,       0.0);         ( 371472.1,
3810456.1,       0.0,       0.0,       0.0);
     ( 371362.6, 3810479.1,       0.0,       0.0,       0.0);         ( 371296.8,
3810492.9,       0.0,       0.0,       0.0);
     ( 371253.0, 3810502.1,       0.0,       0.0,       0.0);         ( 371209.2,
3810511.3,       0.0,       0.0,       0.0);
     ( 371165.4, 3810520.5,       0.0,       0.0,       0.0);         ( 371121.6,
3810529.7,       0.0,       0.0,       0.0);
     ( 371693.4, 3810052.6,       0.0,       0.0,       0.0);         ( 371694.5,
3810030.1,       0.0,       0.0,       0.0);
     ( 371695.5, 3810007.6,       0.0,       0.0,       0.0);         ( 371696.5,
3809985.1,       0.0,       0.0,       0.0);
     ( 371697.5, 3809962.6,       0.0,       0.0,       0.0);         ( 371698.6,
3809940.1,       0.0,       0.0,       0.0);
     ( 371699.6, 3809917.6,       0.0,       0.0,       0.0);         ( 371782.0,
3810099.3,       0.0,       0.0,       0.0);
     ( 371761.2, 3810138.6,       0.0,       0.0,       0.0);         ( 371668.1,
3810315.3,       0.0,       0.0,       0.0);
     ( 371564.6, 3810511.7,       0.0,       0.0,       0.0);         ( 371532.6,
```

3810535.9,   0.0,   0.0,   0.0);
     (371445.7, 3810554.1,   0.0,   0.0,   0.0);   (371402.2,
3810563.2,   0.0,   0.0,   0.0);
     (371358.8, 3810572.3,   0.0,   0.0,   0.0);   (371315.4,
3810581.5,   0.0,   0.0,   0.0);
     (371271.9, 3810590.6,   0.0,   0.0,   0.0);   (371228.5,
3810599.7,   0.0,   0.0,   0.0);
     (371185.0, 3810608.8,   0.0,   0.0,   0.0);   (371141.6,
3810618.0,   0.0,   0.0,   0.0);
     (371098.1, 3810627.1,   0.0,   0.0,   0.0);   (371793.3,
3810057.2,   0.0,   0.0,   0.0);
     (371794.3, 3810034.7,   0.0,   0.0,   0.0);   (371795.4,
3810012.2,   0.0,   0.0,   0.0);
     (371796.4, 3809989.7,   0.0,   0.0,   0.0);   (371797.4,
3809967.2,   0.0,   0.0,   0.0);
     (371798.5, 3809944.7,   0.0,   0.0,   0.0);   (371799.5,
3809922.2,   0.0,   0.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (371214.8, 3809870.6,   0.0,   0.0,   0.0);   (371243.1,
3809869.3,   0.0,   0.0,   0.0);
     (371229.5, 3809846.3,   0.0,   0.0,   0.0);   (371267.2,
3809867.0,   0.0,   0.0,   0.0);
     (371257.8, 3809845.1,   0.0,   0.0,   0.0);   (371288.9,
3809854.9,   0.0,   0.0,   0.0);
     (371294.5, 3809877.2,   0.0,   0.0,   0.0);   (371279.3,
3809832.3,   0.0,   0.0,   0.0);
     (371375.2, 3809805.1,   0.0,   0.0,   0.0);   (371381.4,
3809829.8,   0.0,   0.0,   0.0);
     (371387.5, 3809854.5,   0.0,   0.0,   0.0);   (371393.7,
3809879.2,   0.0,   0.0,   0.0);
     (371365.3, 3809781.3,   0.0,   0.0,   0.0);   (371461.3,
3809754.6,   0.0,   0.0,   0.0);
     (371467.7, 3809780.2,   0.0,   0.0,   0.0);   (371474.1,
3809805.9,   0.0,   0.0,   0.0);
     (371480.6, 3809831.5,   0.0,   0.0,   0.0);   (371487.0,
3809857.2,   0.0,   0.0,   0.0);
     (371493.4, 3809882.9,   0.0,   0.0,   0.0);   (371451.3,
3809730.2,   0.0,   0.0,   0.0);
     (371547.2, 3809703.1,   0.0,   0.0,   0.0);   (371553.4,

```
3809727.8,       0.0,       0.0,       0.0);
     ( 371559.5, 3809752.5,       0.0,       0.0,       0.0);         ( 371565.7,
3809777.2,       0.0,       0.0,       0.0);
     ( 371571.9, 3809801.9,       0.0,       0.0,       0.0);         ( 371578.1,
3809826.6,       0.0,       0.0,       0.0);
     ( 371584.2, 3809851.3,       0.0,       0.0,       0.0);         ( 371590.4,
3809876.0,       0.0,       0.0,       0.0);
     ( 371537.3, 3809679.2,       0.0,       0.0,       0.0);         ( 371633.3,
3809652.3,       0.0,       0.0,       0.0);
     ( 371639.6, 3809677.6,       0.0,       0.0,       0.0);         ( 371645.9,
3809702.9,       0.0,       0.0,       0.0);
     ( 371652.2, 3809728.1,       0.0,       0.0,       0.0);         ( 371658.5,
3809753.4,       0.0,       0.0,       0.0);
     ( 371664.8, 3809778.7,       0.0,       0.0,       0.0);         ( 371671.2,
3809803.9,       0.0,       0.0,       0.0);
     ( 371677.5, 3809829.2,       0.0,       0.0,       0.0);         ( 371683.8,
3809854.5,       0.0,       0.0,       0.0);
     ( 371690.1, 3809879.7,       0.0,       0.0,       0.0);         ( 371623.3,
3809628.2,       0.0,       0.0,       0.0);
     ( 371719.3, 3809601.5,       0.0,       0.0,       0.0);         ( 371725.7,
3809627.1,       0.0,       0.0,       0.0);
     ( 371732.1, 3809652.8,       0.0,       0.0,       0.0);         ( 371738.5,
3809678.4,       0.0,       0.0,       0.0);
     ( 371745.0, 3809704.1,       0.0,       0.0,       0.0);         ( 371751.4,
3809729.8,       0.0,       0.0,       0.0);
     ( 371757.8, 3809755.4,       0.0,       0.0,       0.0);         ( 371764.2,
3809781.1,       0.0,       0.0,       0.0);
     ( 371770.6, 3809806.7,       0.0,       0.0,       0.0);         ( 371777.0,
3809832.4,       0.0,       0.0,       0.0);
     ( 371783.5, 3809858.1,       0.0,       0.0,       0.0);         ( 371789.9,
3809883.7,       0.0,       0.0,       0.0);
     ( 371709.3, 3809577.1,       0.0,       0.0,       0.0);         ( 371346.4,
3809991.9,       0.0,       0.0,       0.0);
     ( 371426.4, 3810051.9,       0.0,       0.0,       0.0);         ( 371506.4,
3810111.9,       0.0,       0.0,       0.0);
     ( 371586.4, 3810171.9,       0.0,       0.0,       0.0);         ( 371666.3,
3810231.9,       0.0,       0.0,       0.0);
     ( 371225.4, 3809816.2,       0.0,       0.0,       0.0);         ( 371228.2,
3809792.8,       0.0,       0.0,       0.0);
     ( 371230.9, 3809769.3,       0.0,       0.0,       0.0);         ( 371233.7,
3809745.8,       0.0,       0.0,       0.0);
     ( 371236.5, 3809722.3,       0.0,       0.0,       0.0);         ( 371250.2,
3809819.2,       0.0,       0.0,       0.0);
     ( 371253.0, 3809795.7,       0.0,       0.0,       0.0);         ( 371255.8,
3809772.2,       0.0,       0.0,       0.0);
     ( 371258.5, 3809748.7,       0.0,       0.0,       0.0);         ( 371261.3,
3809725.2,       0.0,       0.0,       0.0);
     ( 371277.8, 3809798.6,       0.0,       0.0,       0.0);         ( 371280.6,
3809775.1,       0.0,       0.0,       0.0);
     ( 371283.3, 3809751.6,       0.0,       0.0,       0.0);         ( 371286.1,
```

3809728.1,   0.0,   0.0,   0.0);
     (371302.7, 3809801.5,   0.0,   0.0,   0.0);   (371305.4,
3809778.0,   0.0,   0.0,   0.0);
     (371308.2, 3809754.5,   0.0,   0.0,   0.0);   (371310.9,
3809731.0,   0.0,   0.0,   0.0);
     (371370.5, 3809941.7,   0.0,   0.0,   0.0);   (371402.0,
3809813.1,   0.0,   0.0,   0.0);
     (371404.7, 3809789.6,   0.0,   0.0,   0.0);   (371407.5,
3809766.2,   0.0,   0.0,   0.0);
     (371410.3, 3809742.7,   0.0,   0.0,   0.0);   (371476.5,
3809936.7,   0.0,   0.0,   0.0);
     (371459.9, 3809978.2,   0.0,   0.0,   0.0);   (371443.3,
3810019.7,   0.0,   0.0,   0.0);
     (371504.1, 3809801.3,   0.0,   0.0,   0.0);   (371506.8,
3809777.8,   0.0,   0.0,   0.0);
     (371509.6, 3809754.3,   0.0,   0.0,   0.0);   (371575.2,
3809949.9,   0.0,   0.0,   0.0);
     (371566.6, 3809971.4,   0.0,   0.0,   0.0);   (371558.0,
3809992.9,   0.0,   0.0,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (371549.4, 3810014.4,   0.0,   0.0,   0.0);   (371532.2,
3810057.4,   0.0,   0.0,   0.0);
     (371523.6, 3810078.9,   0.0,   0.0,   0.0);   (371603.4,
3809813.0,   0.0,   0.0,   0.0);
     (371606.1, 3809789.5,   0.0,   0.0,   0.0);   (371608.9,
3809766.0,   0.0,   0.0,   0.0);
     (371667.5, 3809979.0,   0.0,   0.0,   0.0);   (371651.4,
3810019.4,   0.0,   0.0,   0.0);
     (371627.2, 3810079.8,   0.0,   0.0,   0.0);   (371611.1,
3810120.1,   0.0,   0.0,   0.0);
     (371702.7, 3809824.6,   0.0,   0.0,   0.0);   (371705.5,
3809801.1,   0.0,   0.0,   0.0);
     (371708.2, 3809777.6,   0.0,   0.0,   0.0);   (371774.4,
3809971.7,   0.0,   0.0,   0.0);
     (371757.8, 3810013.2,   0.0,   0.0,   0.0);   (371716.4,
3810116.8,   0.0,   0.0,   0.0);
     (371699.8, 3810158.3,   0.0,   0.0,   0.0);   (371683.3,
3810199.7,   0.0,   0.0,   0.0);
     (371802.0, 3809836.3,   0.0,   0.0,   0.0);   (371804.8,

```
3809812.8,       0.0,       0.0,       0.0);
     ( 371807.5, 3809789.3,       0.0,       0.0,       0.0);         ( 371241.6,
3809695.5,       0.0,       0.0,       0.0);
     ( 371239.0, 3809652.8,       0.0,       0.0,       0.0);         ( 371236.3,
3809610.2,       0.0,       0.0,       0.0);
     ( 371233.7, 3809567.5,       0.0,       0.0,       0.0);         ( 371266.6,
3809694.0,       0.0,       0.0,       0.0);
     ( 371263.9, 3809651.3,       0.0,       0.0,       0.0);         ( 371261.3,
3809608.6,       0.0,       0.0,       0.0);
     ( 371258.6, 3809566.0,       0.0,       0.0,       0.0);         ( 371291.5,
3809692.4,       0.0,       0.0,       0.0);
     ( 371288.9, 3809649.8,       0.0,       0.0,       0.0);         ( 371286.2,
3809607.1,       0.0,       0.0,       0.0);
     ( 371283.6, 3809564.4,       0.0,       0.0,       0.0);         ( 371315.3,
3809705.0,       0.0,       0.0,       0.0);
     ( 371315.1, 3809669.5,       0.0,       0.0,       0.0);         ( 371312.5,
3809626.9,       0.0,       0.0,       0.0);
     ( 371309.9, 3809584.2,       0.0,       0.0,       0.0);         ( 371414.8,
3809703.5,       0.0,       0.0,       0.0);
     ( 371415.0, 3809663.4,       0.0,       0.0,       0.0);         ( 371412.3,
3809620.7,       0.0,       0.0,       0.0);
     ( 371409.7, 3809578.0,       0.0,       0.0,       0.0);         ( 371514.4,
3809699.7,       0.0,       0.0,       0.0);
     ( 371514.8, 3809657.2,       0.0,       0.0,       0.0);         ( 371512.1,
3809614.5,       0.0,       0.0,       0.0);
     ( 371509.5, 3809571.9,       0.0,       0.0,       0.0);         ( 371614.4,
3809691.2,       0.0,       0.0,       0.0);
     ( 371611.4, 3809728.8,       0.0,       0.0,       0.0);         ( 371611.9,
3809608.3,       0.0,       0.0,       0.0);
     ( 371609.3, 3809565.7,       0.0,       0.0,       0.0);         ( 371714.1,
3809686.3,       0.0,       0.0,       0.0);
     ( 371710.8, 3809726.7,       0.0,       0.0,       0.0);         ( 371707.8,
3809538.2,       0.0,       0.0,       0.0);
     ( 371813.8, 3809681.2,       0.0,       0.0,       0.0);         ( 371810.4,
3809723.5,       0.0,       0.0,       0.0);
     ( 371807.0, 3809765.8,       0.0,       0.0,       0.0);         ( 371814.2,
3809638.7,       0.0,       0.0,       0.0);
     ( 371811.5, 3809596.0,       0.0,       0.0,       0.0);         ( 371808.9,
3809553.3,       0.0,       0.0,       0.0);
     ( 371220.4, 3809539.0,       0.0,       0.0,       0.0);         ( 371200.3,
3809503.5,       0.0,       0.0,       0.0);
     ( 371252.2, 3809544.4,       0.0,       0.0,       0.0);         ( 371232.1,
3809508.9,       0.0,       0.0,       0.0);
     ( 371274.0, 3809532.0,       0.0,       0.0,       0.0);         ( 371253.8,
3809496.6,       0.0,       0.0,       0.0);
     ( 371300.0, 3809534.1,       0.0,       0.0,       0.0);         ( 371285.6,
3809502.0,       0.0,       0.0,       0.0);
     ( 371265.5, 3809466.5,       0.0,       0.0,       0.0);         ( 371387.8,
3809487.6,       0.0,       0.0,       0.0);
     ( 371398.1, 3809522.2,       0.0,       0.0,       0.0);         ( 371372.6,
```

3809452.6,   0.0,   0.0,   0.0);
     (371352.5, 3809417.1,   0.0,   0.0,   0.0);   (371475.2,
3809439.5,   0.0,   0.0,   0.0);
     (371486.2, 3809476.5,   0.0,   0.0,   0.0);   (371497.2,
3809513.5,   0.0,   0.0,   0.0);
     (371459.6, 3809403.2,   0.0,   0.0,   0.0);   (371439.5,
3809367.8,   0.0,   0.0,   0.0);
     (371562.3, 3809390.8,   0.0,   0.0,   0.0);   (371573.8,
3809429.2,   0.0,   0.0,   0.0);
     (371585.2, 3809467.6,   0.0,   0.0,   0.0);   (371596.6,
3809506.0,   0.0,   0.0,   0.0);
     (371546.6, 3809353.9,   0.0,   0.0,   0.0);   (371526.4,
3809318.4,   0.0,   0.0,   0.0);
     (371649.0, 3809340.3,   0.0,   0.0,   0.0);   (371659.6,
3809376.3,   0.0,   0.0,   0.0);
     (371670.3, 3809412.2,   0.0,   0.0,   0.0);   (371681.0,
3809448.2,   0.0,   0.0,   0.0);
     (371691.7, 3809484.2,   0.0,   0.0,   0.0);   (371633.5,
3809304.5,   0.0,   0.0,   0.0);
     (371613.4, 3809269.1,   0.0,   0.0,   0.0);   (371736.1,
3809291.4,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (371747.1, 3809328.4,   0.0,   0.0,   0.0);   (371758.1,
3809365.5,   0.0,   0.0,   0.0);
     (371769.1, 3809402.5,   0.0,   0.0,   0.0);   (371780.1,
3809439.5,   0.0,   0.0,   0.0);
     (371791.1, 3809476.5,   0.0,   0.0,   0.0);   (371802.1,
3809513.5,   0.0,   0.0,   0.0);
     (371720.5, 3809255.2,   0.0,   0.0,   0.0);   (371700.4,
3809219.7,   0.0,   0.0,   0.0);
     (371213.9, 3809479.6,   0.0,   0.0,   0.0);   (371372.0,
3809566.6,   0.0,   0.0,   0.0);
     (371468.7, 3809592.0,   0.0,   0.0,   0.0);   (371479.9,
3809549.5,   0.0,   0.0,   0.0);
     (371565.4, 3809617.5,   0.0,   0.0,   0.0);   (371576.6,
3809574.9,   0.0,   0.0,   0.0);
     (371662.1, 3809642.9,   0.0,   0.0,   0.0);   (371673.3,
3809600.3,   0.0,   0.0,   0.0);
     (371758.8, 3809668.3,   0.0,   0.0,   0.0);   (371770.0,

```
3809625.7,       0.0,       0.0,       0.0);
     ( 371231.9, 3809459.4,       0.0,       0.0,       0.0);         ( 371348.3,
3809595.1,       0.0,       0.0,       0.0);
     ( 371438.8, 3809641.5,       0.0,       0.0,       0.0);         ( 371240.1,
3809428.5,       0.0,       0.0,       0.0);
     ( 371246.8, 3809388.7,       0.0,       0.0,       0.0);         ( 371264.7,
3809432.7,       0.0,       0.0,       0.0);
     ( 371271.5, 3809392.9,       0.0,       0.0,       0.0);         ( 371286.0,
3809456.7,       0.0,       0.0,       0.0);
     ( 371292.8, 3809417.0,       0.0,       0.0,       0.0);         ( 371299.5,
3809377.2,       0.0,       0.0,       0.0);
     ( 371304.2, 3809475.6,       0.0,       0.0,       0.0);         ( 371314.0,
3809441.0,       0.0,       0.0,       0.0);
     ( 371320.8, 3809401.3,       0.0,       0.0,       0.0);         ( 371409.2,
3809477.7,       0.0,       0.0,       0.0);
     ( 371416.0, 3809437.9,       0.0,       0.0,       0.0);         ( 371422.8,
3809398.2,       0.0,       0.0,       0.0);
     ( 371511.2, 3809474.6,       0.0,       0.0,       0.0);         ( 371518.0,
3809434.8,       0.0,       0.0,       0.0);
     ( 371598.7, 3809528.8,       0.0,       0.0,       0.0);         ( 371544.7,
3809652.5,       0.0,       0.0,       0.0);
     ( 371613.2, 3809471.4,       0.0,       0.0,       0.0);         ( 371619.9,
3809431.7,       0.0,       0.0,       0.0);
     ( 371688.9, 3809564.7,       0.0,       0.0,       0.0);         ( 371708.4,
3809508.1,       0.0,       0.0,       0.0);
     ( 371715.1, 3809468.3,       0.0,       0.0,       0.0);         ( 371788.2,
3809580.0,       0.0,       0.0,       0.0);
     ( 371813.7, 3809485.1,       0.0,       0.0,       0.0);         ( 371225.1,
3809339.7,       0.0,       0.0,       0.0);
     ( 371181.2, 3809340.4,       0.0,       0.0,       0.0);         ( 371137.3,
3809341.2,       0.0,       0.0,       0.0);
     ( 371244.1, 3809323.4,       0.0,       0.0,       0.0);         ( 371269.2,
3809352.6,       0.0,       0.0,       0.0);
     ( 371202.7, 3809315.1,       0.0,       0.0,       0.0);         ( 371158.8,
3809315.8,       0.0,       0.0,       0.0);
     ( 371243.6, 3809298.4,       0.0,       0.0,       0.0);         ( 371288.1,
3809336.3,       0.0,       0.0,       0.0);
     ( 371202.3, 3809290.1,       0.0,       0.0,       0.0);         ( 371158.4,
3809290.8,       0.0,       0.0,       0.0);
     ( 371243.2, 3809273.4,       0.0,       0.0,       0.0);         ( 371282.0,
3809290.8,       0.0,       0.0,       0.0);
     ( 371307.1, 3809320.0,       0.0,       0.0,       0.0);         ( 371318.5,
3809360.9,       0.0,       0.0,       0.0);
     ( 371201.8, 3809265.1,       0.0,       0.0,       0.0);         ( 371157.9,
3809265.9,       0.0,       0.0,       0.0);
     ( 371241.4, 3809173.4,       0.0,       0.0,       0.0);         ( 371280.2,
3809190.8,       0.0,       0.0,       0.0);
     ( 371319.0, 3809208.2,       0.0,       0.0,       0.0);         ( 371357.8,
3809225.6,       0.0,       0.0,       0.0);
     ( 371382.9, 3809254.8,       0.0,       0.0,       0.0);         ( 371394.3,
```

3809295.8,   0.0,   0.0,   0.0);
     (371405.7, 3809336.7,   0.0,   0.0,   0.0);   (371200.1,
3809165.1,   0.0,   0.0,   0.0);
     (371156.2, 3809165.9,   0.0,   0.0,   0.0);   (371239.6,
3809073.4,   0.0,   0.0,   0.0);
     (371278.5, 3809090.8,   0.0,   0.0,   0.0);   (371317.3,
3809108.2,   0.0,   0.0,   0.0);
     (371356.1, 3809125.6,   0.0,   0.0,   0.0);   (371394.9,
3809143.0,   0.0,   0.0,   0.0);
     (371433.7, 3809160.4,   0.0,   0.0,   0.0);   (371458.8,
3809189.6,   0.0,   0.0,   0.0);
     (371470.1, 3809230.5,   0.0,   0.0,   0.0);   (371481.5,
3809271.5,   0.0,   0.0,   0.0);
     (371492.9, 3809312.5,   0.0,   0.0,   0.0);   (371504.3,
3809353.5,   0.0,   0.0,   0.0);
     (371515.6, 3809394.4,   0.0,   0.0,   0.0);   (371198.3,
3809065.1,   0.0,   0.0,   0.0);
     (371154.4, 3809065.9,   0.0,   0.0,   0.0);   (371237.9,
3808973.4,   0.0,   0.0,   0.0);
     (371276.7, 3808990.8,   0.0,   0.0,   0.0);   (371315.5,
3809008.2,   0.0,   0.0,   0.0);
     (371354.3, 3809025.6,   0.0,   0.0,   0.0);   (371393.1,
3809043.0,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371431.9, 3809060.4,   0.0,   0.0,   0.0);   (371470.7,
3809077.8,   0.0,   0.0,   0.0);
     (371509.5, 3809095.2,   0.0,   0.0,   0.0);   (371534.6,
3809124.4,   0.0,   0.0,   0.0);
     (371546.0, 3809165.4,   0.0,   0.0,   0.0);   (371557.3,
3809206.3,   0.0,   0.0,   0.0);
     (371568.7, 3809247.3,   0.0,   0.0,   0.0);   (371580.1,
3809288.3,   0.0,   0.0,   0.0);
     (371591.5, 3809329.2,   0.0,   0.0,   0.0);   (371602.9,
3809370.2,   0.0,   0.0,   0.0);
     (371196.5, 3808965.1,   0.0,   0.0,   0.0);   (371152.6,
3808965.9,   0.0,   0.0,   0.0);
     (371236.1, 3808873.4,   0.0,   0.0,   0.0);   (371274.9,
3808890.8,   0.0,   0.0,   0.0);
     (371313.7, 3808908.2,   0.0,   0.0,   0.0);   (371352.5,

```
3808925.6,       0.0,       0.0,       0.0);
     ( 371391.3, 3808943.0,       0.0,       0.0,       0.0);         ( 371430.1,
3808960.4,       0.0,       0.0,       0.0);
     ( 371468.9, 3808977.8,       0.0,       0.0,       0.0);         ( 371507.7,
3808995.2,       0.0,       0.0,       0.0);
     ( 371546.5, 3809012.6,       0.0,       0.0,       0.0);         ( 371585.3,
3809030.0,       0.0,       0.0,       0.0);
     ( 371610.4, 3809059.2,       0.0,       0.0,       0.0);         ( 371621.8,
3809100.2,       0.0,       0.0,       0.0);
     ( 371633.2, 3809141.1,       0.0,       0.0,       0.0);         ( 371644.5,
3809182.1,       0.0,       0.0,       0.0);
     ( 371655.9, 3809223.1,       0.0,       0.0,       0.0);         ( 371667.3,
3809264.1,       0.0,       0.0,       0.0);
     ( 371678.7, 3809305.0,       0.0,       0.0,       0.0);         ( 371690.1,
3809346.0,       0.0,       0.0,       0.0);
     ( 371701.4, 3809387.0,       0.0,       0.0,       0.0);         ( 371712.8,
3809427.9,       0.0,       0.0,       0.0);
     ( 371194.7, 3808865.1,       0.0,       0.0,       0.0);         ( 371150.8,
3808865.9,       0.0,       0.0,       0.0);
     ( 371234.3, 3808773.5,       0.0,       0.0,       0.0);         ( 371273.1,
3808790.9,       0.0,       0.0,       0.0);
     ( 371311.9, 3808808.2,       0.0,       0.0,       0.0);         ( 371350.7,
3808825.6,       0.0,       0.0,       0.0);
     ( 371389.5, 3808843.0,       0.0,       0.0,       0.0);         ( 371428.3,
3808860.4,       0.0,       0.0,       0.0);
     ( 371467.1, 3808877.8,       0.0,       0.0,       0.0);         ( 371505.9,
3808895.2,       0.0,       0.0,       0.0);
     ( 371544.7, 3808912.6,       0.0,       0.0,       0.0);         ( 371583.5,
3808930.0,       0.0,       0.0,       0.0);
     ( 371622.3, 3808947.4,       0.0,       0.0,       0.0);         ( 371661.1,
3808964.8,       0.0,       0.0,       0.0);
     ( 371686.2, 3808994.0,       0.0,       0.0,       0.0);         ( 371697.6,
3809035.0,       0.0,       0.0,       0.0);
     ( 371709.0, 3809075.9,       0.0,       0.0,       0.0);         ( 371720.4,
3809116.9,       0.0,       0.0,       0.0);
     ( 371731.8, 3809157.9,       0.0,       0.0,       0.0);         ( 371743.1,
3809198.9,       0.0,       0.0,       0.0);
     ( 371754.5, 3809239.8,       0.0,       0.0,       0.0);         ( 371765.9,
3809280.8,       0.0,       0.0,       0.0);
     ( 371777.3, 3809321.8,       0.0,       0.0,       0.0);         ( 371788.6,
3809362.8,       0.0,       0.0,       0.0);
     ( 371800.0, 3809403.7,       0.0,       0.0,       0.0);         ( 371811.4,
3809444.7,       0.0,       0.0,       0.0);
     ( 371193.0, 3808765.1,       0.0,       0.0,       0.0);         ( 371149.1,
3808765.9,       0.0,       0.0,       0.0);
     ( 371114.7, 3809341.8,       0.0,       0.0,       0.0);         ( 371070.0,
3809343.1,       0.0,       0.0,       0.0);
     ( 371025.4, 3809344.3,       0.0,       0.0,       0.0);         ( 371114.1,
3809316.9,       0.0,       0.0,       0.0);
     ( 371069.4, 3809318.1,       0.0,       0.0,       0.0);         ( 371024.7,
```

3809319.3,   0.0,   0.0,   0.0);
     (371135.7, 3809291.3,   0.0,   0.0,   0.0);   (371091.0,
3809292.5,   0.0,   0.0,   0.0);
     (371046.3, 3809293.7,   0.0,   0.0,   0.0);   (371001.7,
3809294.9,   0.0,   0.0,   0.0);
     (371135.0, 3809266.3,   0.0,   0.0,   0.0);   (371090.4,
3809267.5,   0.0,   0.0,   0.0);
     (371045.7, 3809268.7,   0.0,   0.0,   0.0);   (371001.0,
3809269.9,   0.0,   0.0,   0.0);
     (371132.3, 3809166.3,   0.0,   0.0,   0.0);   (371087.6,
3809167.5,   0.0,   0.0,   0.0);
     (371043.0, 3809168.7,   0.0,   0.0,   0.0);   (370998.3,
3809169.9,   0.0,   0.0,   0.0);
     (371129.6, 3809066.3,   0.0,   0.0,   0.0);   (371084.9,
3809067.5,   0.0,   0.0,   0.0);
     (371040.2, 3809068.8,   0.0,   0.0,   0.0);   (370995.6,
3809070.0,   0.0,   0.0,   0.0);
     (371126.9, 3808966.4,   0.0,   0.0,   0.0);   (371082.2,
3808967.6,   0.0,   0.0,   0.0);
     (371037.5, 3808968.8,   0.0,   0.0,   0.0);   (370992.8,
3808970.0,   0.0,   0.0,   0.0);
     (371124.2, 3808866.4,   0.0,   0.0,   0.0);   (371079.5,
3808867.6,   0.0,   0.0,   0.0);
     (371034.8, 3808868.8,   0.0,   0.0,   0.0);   (370990.1,
3808870.0,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371121.5, 3808766.4,   0.0,   0.0,   0.0);   (371076.8,
3808767.7,   0.0,   0.0,   0.0);
     (371032.1, 3808768.9,   0.0,   0.0,   0.0);   (370987.4,
3808770.1,   0.0,   0.0,   0.0);
     (371028.7, 3809369.1,   0.0,   0.0,   0.0);   (371053.7,
3809368.3,   0.0,   0.0,   0.0);
     (371078.7, 3809367.5,   0.0,   0.0,   0.0);   (371103.6,
3809366.7,   0.0,   0.0,   0.0);
     (371203.6, 3809363.6,   0.0,   0.0,   0.0);   (371602.0,
3809305.6,   0.0,   0.0,   0.0);
     (370967.5, 3809295.5,   0.0,   0.0,   0.0);   (371023.3,
3809282.6,   0.0,   0.0,   0.0);
     (370970.2, 3809270.7,   0.0,   0.0,   0.0);   (371026.0,

```
3809257.8,       0.0,       0.0,       0.0);
     ( 370991.6, 3809247.9,       0.0,       0.0,       0.0);         ( 370954.1,
3809243.8,       0.0,       0.0,       0.0);
     ( 371028.7, 3809232.9,       0.0,       0.0,       0.0);         ( 371060.0,
3809248.7,       0.0,       0.0,       0.0);
     ( 370994.3, 3809223.0,       0.0,       0.0,       0.0);         ( 370956.8,
3809218.9,       0.0,       0.0,       0.0);
     ( 371039.5, 3809133.5,       0.0,       0.0,       0.0);         ( 371070.8,
3809149.2,       0.0,       0.0,       0.0);
     ( 371155.6, 3809204.8,       0.0,       0.0,       0.0);         ( 371168.9,
3809237.2,       0.0,       0.0,       0.0);
     ( 371005.1, 3809123.6,       0.0,       0.0,       0.0);         ( 370967.6,
3809119.5,       0.0,       0.0,       0.0);
     ( 371050.3, 3809034.1,       0.0,       0.0,       0.0);         ( 371159.8,
3809089.2,       0.0,       0.0,       0.0);
     ( 371191.1, 3809104.9,       0.0,       0.0,       0.0);         ( 371229.0,
3809136.8,       0.0,       0.0,       0.0);
     ( 371255.6, 3809201.6,       0.0,       0.0,       0.0);         ( 371268.9,
3809234.0,       0.0,       0.0,       0.0);
     ( 371282.2, 3809266.4,       0.0,       0.0,       0.0);         ( 371015.9,
3809024.2,       0.0,       0.0,       0.0);
     ( 370978.4, 3809020.1,       0.0,       0.0,       0.0);         ( 371062.1,
3808935.2,       0.0,       0.0,       0.0);
     ( 371179.0, 3808993.9,       0.0,       0.0,       0.0);         ( 371212.3,
3809010.7,       0.0,       0.0,       0.0);
     ( 371245.7, 3809027.5,       0.0,       0.0,       0.0);         ( 371279.1,
3809044.3,       0.0,       0.0,       0.0);
     ( 371302.8, 3809070.0,       0.0,       0.0,       0.0);         ( 371331.2,
3809139.1,       0.0,       0.0,       0.0);
     ( 371345.4, 3809173.6,       0.0,       0.0,       0.0);         ( 371026.7,
3808924.8,       0.0,       0.0,       0.0);
     ( 370989.2, 3808920.7,       0.0,       0.0,       0.0);         ( 371072.7,
3808835.7,       0.0,       0.0,       0.0);
     ( 371105.6, 3808852.2,       0.0,       0.0,       0.0);         ( 371171.5,
3808885.4,       0.0,       0.0,       0.0);
     ( 371204.5, 3808901.9,       0.0,       0.0,       0.0);         ( 371237.4,
3808918.5,       0.0,       0.0,       0.0);
     ( 371270.3, 3808935.0,       0.0,       0.0,       0.0);         ( 371303.2,
3808951.6,       0.0,       0.0,       0.0);
     ( 371336.2, 3808968.2,       0.0,       0.0,       0.0);         ( 371376.1,
3809001.8,       0.0,       0.0,       0.0);
     ( 371404.1, 3809070.0,       0.0,       0.0,       0.0);         ( 371418.1,
3809104.1,       0.0,       0.0,       0.0);
     ( 371037.5, 3808825.4,       0.0,       0.0,       0.0);         ( 371000.0,
3808821.3,       0.0,       0.0,       0.0);
     ( 371083.4, 3808736.2,       0.0,       0.0,       0.0);         ( 371181.3,
3808785.4,       0.0,       0.0,       0.0);
     ( 371214.0, 3808801.9,       0.0,       0.0,       0.0);         ( 371246.6,
3808818.3,       0.0,       0.0,       0.0);
     ( 371279.2, 3808834.7,       0.0,       0.0,       0.0);         ( 371311.9,
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3808851.1,   0.0,   0.0,   0.0);
     (371344.5, 3808867.5,   0.0,   0.0,   0.0);   (371377.2,
3808884.0,   0.0,   0.0,   0.0);
     (371409.8, 3808900.4,   0.0,   0.0,   0.0);   (371449.4,
3808933.7,   0.0,   0.0,   0.0);
     (371477.2, 3809001.3,   0.0,   0.0,   0.0);   (371491.0,
3809035.1,   0.0,   0.0,   0.0);
     (371504.9, 3809068.9,   0.0,   0.0,   0.0);   (371048.3,
3808725.9,   0.0,   0.0,   0.0);
     (371010.8, 3808721.9,   0.0,   0.0,   0.0);   (371130.6,
3809235.7,   0.0,   0.0,   0.0);
     (371235.1, 3809238.1,   0.0,   0.0,   0.0);   (371227.0,
3809208.9,   0.0,   0.0,   0.0);
     (371323.3, 3809182.2,   0.0,   0.0,   0.0);   (371427.8,
3809184.6,   0.0,   0.0,   0.0);
     (371524.1, 3809157.8,   0.0,   0.0,   0.0);   (370932.6,
3809258.3,   0.0,   0.0,   0.0);
     (370899.1, 3809241.0,   0.0,   0.0,   0.0);   (370927.3,
3809227.5,   0.0,   0.0,   0.0);
     (370938.8, 3809205.3,   0.0,   0.0,   0.0);   (370983.8,
3809200.3,   0.0,   0.0,   0.0);
     (370950.3, 3809183.0,   0.0,   0.0,   0.0);   (371097.0,
3809194.3,   0.0,   0.0,   0.0);
     (371029.6, 3809111.5,   0.0,   0.0,   0.0);   (370996.1,
3809094.2,   0.0,   0.0,   0.0);
     (371087.1, 3809036.9,   0.0,   0.0,   0.0);   (371133.8,
3809094.3,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (371157.0, 3809122.9,   0.0,   0.0,   0.0);   (371180.4,
3809151.6,   0.0,   0.0,   0.0);
     (371042.0, 3809005.3,   0.0,   0.0,   0.0);   (371204.5,
3809036.0,   0.0,   0.0,   0.0);
     (371252.0, 3809094.5,   0.0,   0.0,   0.0);   (371275.8,
3809123.7,   0.0,   0.0,   0.0);
     (371299.6, 3809152.9,   0.0,   0.0,   0.0);   (371121.3,
3808933.7,   0.0,   0.0,   0.0);
     (371087.8, 3808916.4,   0.0,   0.0,   0.0);   (371247.5,
3808943.7,   0.0,   0.0,   0.0);
     (371327.9, 3809042.5,   0.0,   0.0,   0.0);   (371350.8,

```
3809070.7,       0.0,       0.0,       0.0);
     ( 371373.8, 3809099.0,       0.0,       0.0,       0.0);         ( 371167.2,
3808844.9,       0.0,       0.0,       0.0);
     ( 371133.7, 3808827.6,       0.0,       0.0,       0.0);         ( 371317.9,
3808885.0,       0.0,       0.0,       0.0);
     ( 371387.8, 3808971.0,       0.0,       0.0,       0.0);         ( 371411.2,
3808999.7,       0.0,       0.0,       0.0);
     ( 371434.5, 3809028.3,       0.0,       0.0,       0.0);         ( 371457.8,
3809057.0,       0.0,       0.0,       0.0);
     ( 371179.5, 3808738.7,       0.0,       0.0,       0.0);         ( 370867.5,
3809234.6,       0.0,       0.0,       0.0);
     ( 370843.1, 3809230.5,       0.0,       0.0,       0.0);         ( 370895.9,
3809213.9,       0.0,       0.0,       0.0);
     ( 370871.6, 3809209.9,       0.0,       0.0,       0.0);         ( 370900.0,
3809189.3,       0.0,       0.0,       0.0);
     ( 370875.7, 3809185.2,       0.0,       0.0,       0.0);         ( 370918.8,
3809169.5,       0.0,       0.0,       0.0);
     ( 370879.8, 3809160.6,       0.0,       0.0,       0.0);         ( 370940.2,
3809072.5,       0.0,       0.0,       0.0);
     ( 370896.3, 3809061.9,       0.0,       0.0,       0.0);         ( 370959.1,
3808974.7,       0.0,       0.0,       0.0);
     ( 370937.0, 3808967.4,       0.0,       0.0,       0.0);         ( 371012.3,
3808888.3,       0.0,       0.0,       0.0);
     ( 371051.5, 3808901.3,       0.0,       0.0,       0.0);         ( 371011.9,
3808784.0,       0.0,       0.0,       0.0);
     ( 371053.9, 3808798.0,       0.0,       0.0,       0.0);         ( 371095.9,
3808812.0,       0.0,       0.0,       0.0);
     ( 370945.6, 3808766.0,       0.0,       0.0,       0.0);         ( 370921.3,
3808762.0,       0.0,       0.0,       0.0);
     ( 371008.4, 3808678.8,       0.0,       0.0,       0.0);         ( 371030.5,
3808686.1,       0.0,       0.0,       0.0);
     ( 371052.5, 3808693.4,       0.0,       0.0,       0.0);         ( 371074.6,
3808700.8,       0.0,       0.0,       0.0);
     ( 371096.6, 3808708.1,       0.0,       0.0,       0.0);         ( 371118.7,
3808715.4,       0.0,       0.0,       0.0);
     ( 371140.8, 3808722.8,       0.0,       0.0,       0.0);         ( 370986.4,
3808671.4,       0.0,       0.0,       0.0);
     ( 370962.1, 3808667.4,       0.0,       0.0,       0.0);         ( 370937.8,
3808663.3,       0.0,       0.0,       0.0);
     ( 371339.0, 3809255.2,       0.0,       0.0,       0.0);         ( 371439.0,
3809255.2,       0.0,       0.0,       0.0);
     ( 370908.9, 3809261.4,       0.0,       0.0,       0.0);         ( 371333.8,
3809341.7,       0.0,       0.0,       0.0);
     ( 371397.8, 3809452.7,       0.0,       0.0,       0.0);         ( 370889.7,
3809134.2,       0.0,       0.0,       0.0);
     ( 370883.2, 3809091.0,       0.0,       0.0,       0.0);         ( 370876.7,
3809047.8,       0.0,       0.0,       0.0);
     ( 370914.4, 3809130.5,       0.0,       0.0,       0.0);         ( 370907.9,
3809087.3,       0.0,       0.0,       0.0);
     ( 370898.2, 3809022.4,       0.0,       0.0,       0.0);         ( 370942.4,
```

3809148.4,   0.0,   0.0,   0.0);
     (370935.9, 3809105.2,   0.0,   0.0,   0.0);   (370926.2,
3809040.3,   0.0,   0.0,   0.0);
     (370965.2, 3809161.8,   0.0,   0.0,   0.0);   (370950.9,
3809036.6,   0.0,   0.0,   0.0);
     (371059.1, 3809191.4,   0.0,   0.0,   0.0);   (371062.8,
3809108.2,   0.0,   0.0,   0.0);
     (371151.9, 3809028.6,   0.0,   0.0,   0.0);   (371259.2,
3809141.2,   0.0,   0.0,   0.0);
     (371257.3, 3809057.0,   0.0,   0.0,   0.0);   (371355.5,
3809149.4,   0.0,   0.0,   0.0);
     (371338.6, 3809299.0,   0.0,   0.0,   0.0);   (371349.7,
3808998.9,   0.0,   0.0,   0.0);
     (371457.0, 3809111.5,   0.0,   0.0,   0.0);   (371445.4,
3809214.1,   0.0,   0.0,   0.0);
     (371436.2, 3809296.1,   0.0,   0.0,   0.0);   (371431.6,
3809337.1,   0.0,   0.0,   0.0);
     (371451.8, 3809005.7,   0.0,   0.0,   0.0);   (370877.6,
3809012.0,   0.0,   0.0,   0.0);
     (370881.8, 3808989.5,   0.0,   0.0,   0.0);   (370890.3,
3808944.6,   0.0,   0.0,   0.0);
     (370894.6, 3808922.1,   0.0,   0.0,   0.0);   (370898.8,
3808899.6,   0.0,   0.0,   0.0);
     (370914.9, 3808949.2,   0.0,   0.0,   0.0);   (370919.2,
3808926.7,   0.0,   0.0,   0.0);
     (370923.4, 3808904.2,   0.0,   0.0,   0.0);   (370931.9,
3808859.3,   0.0,   0.0,   0.0);
     (370931.0, 3808998.8,   0.0,   0.0,   0.0);   (370943.7,
3808931.4,   0.0,   0.0,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (370948.0, 3808908.9,   0.0,   0.0,   0.0);   (370956.5,
3808863.9,   0.0,   0.0,   0.0);
     (370955.5, 3809003.5,   0.0,   0.0,   0.0);   (370968.3,
3808936.0,   0.0,   0.0,   0.0);
     (370976.8, 3808891.0,   0.0,   0.0,   0.0);   (371173.3,
3808928.2,   0.0,   0.0,   0.0);
     (371267.3, 3808969.3,   0.0,   0.0,   0.0);   (371344.3,
3809100.3,   0.0,   0.0,   0.0);
     (371459.6, 3809029.0,   0.0,   0.0,   0.0);   (370904.5,

```
3808837.5,       0.0,       0.0,       0.0);
     ( 370892.3, 3808816.4,       0.0,       0.0,       0.0);         ( 370880.1,
3808795.3,       0.0,       0.0,       0.0);
     ( 370926.1, 3808825.0,       0.0,       0.0,       0.0);         ( 370914.0,
3808803.9,       0.0,       0.0,       0.0);
     ( 370901.8, 3808782.8,       0.0,       0.0,       0.0);         ( 370950.7,
3808829.6,       0.0,       0.0,       0.0);
     ( 370935.6, 3808791.4,       0.0,       0.0,       0.0);         ( 370973.3,
3808822.8,       0.0,       0.0,       0.0);
     ( 370977.2, 3808845.7,       0.0,       0.0,       0.0);         ( 370969.4,
3808800.0,       0.0,       0.0,       0.0);
     ( 371056.0, 3808750.0,       0.0,       0.0,       0.0);         ( 371158.2,
3808791.5,       0.0,       0.0,       0.0);
     ( 371162.0, 3808814.3,       0.0,       0.0,       0.0);         ( 371142.7,
3808700.0,       0.0,       0.0,       0.0);
     ( 371130.5, 3808679.0,       0.0,       0.0,       0.0);         ( 371118.3,
3808657.9,       0.0,       0.0,       0.0);
     ( 371233.2, 3808672.9,       0.0,       0.0,       0.0);         ( 371237.0,
3808695.8,       0.0,       0.0,       0.0);
     ( 371240.9, 3808718.6,       0.0,       0.0,       0.0);         ( 371244.8,
3808741.5,       0.0,       0.0,       0.0);
     ( 371264.2, 3808855.8,       0.0,       0.0,       0.0);         ( 371229.3,
3808650.1,       0.0,       0.0,       0.0);
     ( 371217.1, 3808629.0,       0.0,       0.0,       0.0);         ( 371205.0,
3808607.9,       0.0,       0.0,       0.0);
     ( 371319.8, 3808623.0,       0.0,       0.0,       0.0);         ( 371323.7,
3808645.8,       0.0,       0.0,       0.0);
     ( 371327.5, 3808668.7,       0.0,       0.0,       0.0);         ( 371331.4,
3808691.5,       0.0,       0.0,       0.0);
     ( 371335.3, 3808714.4,       0.0,       0.0,       0.0);         ( 371339.2,
3808737.2,       0.0,       0.0,       0.0);
     ( 371343.0, 3808760.1,       0.0,       0.0,       0.0);         ( 371346.9,
3808782.9,       0.0,       0.0,       0.0);
     ( 371315.9, 3808600.1,       0.0,       0.0,       0.0);         ( 371303.7,
3808579.0,       0.0,       0.0,       0.0);
     ( 371291.6, 3808558.0,       0.0,       0.0,       0.0);         ( 371406.4,
3808573.0,       0.0,       0.0,       0.0);
     ( 371410.3, 3808595.8,       0.0,       0.0,       0.0);         ( 371414.2,
3808618.7,       0.0,       0.0,       0.0);
     ( 371418.0, 3808641.5,       0.0,       0.0,       0.0);         ( 371421.9,
3808664.4,       0.0,       0.0,       0.0);
     ( 371425.8, 3808687.3,       0.0,       0.0,       0.0);         ( 371429.7,
3808710.1,       0.0,       0.0,       0.0);
     ( 371433.5, 3808733.0,       0.0,       0.0,       0.0);         ( 371437.4,
3808755.8,       0.0,       0.0,       0.0);
     ( 371441.3, 3808778.7,       0.0,       0.0,       0.0);         ( 371445.2,
3808801.5,       0.0,       0.0,       0.0);
     ( 371449.1, 3808824.4,       0.0,       0.0,       0.0);         ( 371453.0,
3808847.2,       0.0,       0.0,       0.0);
     ( 371464.6, 3808915.8,       0.0,       0.0,       0.0);         ( 371402.5,
```

3808550.1,   0.0,   0.0,   0.0);
     (371390.4, 3808529.1,   0.0,   0.0,   0.0);   (371378.2,
3808508.0,   0.0,   0.0,   0.0);
     (370877.6, 3808756.3,   0.0,   0.0,   0.0);   (370874.8,
3808732.0,   0.0,   0.0,   0.0);
     (370872.0, 3808707.7,   0.0,   0.0,   0.0);   (370899.6,
3808729.1,   0.0,   0.0,   0.0);
     (370896.8, 3808704.8,   0.0,   0.0,   0.0);   (370924.5,
3808726.2,   0.0,   0.0,   0.0);
     (370921.6, 3808701.9,   0.0,   0.0,   0.0);   (370949.3,
3808723.3,   0.0,   0.0,   0.0);
     (370946.5, 3808699.0,   0.0,   0.0,   0.0);   (371255.8,
3808761.4,   0.0,   0.0,   0.0);
     (371448.8, 3808689.6,   0.0,   0.0,   0.0);   (371445.9,
3808665.3,   0.0,   0.0,   0.0);
     (371443.1, 3808641.0,   0.0,   0.0,   0.0);   (370845.5,
3808685.6,   0.0,   0.0,   0.0);
     (370821.2, 3808687.2,   0.0,   0.0,   0.0);   (370861.5,
3808666.4,   0.0,   0.0,   0.0);
     (370859.8, 3808641.5,   0.0,   0.0,   0.0);   (370904.0,
3808669.2,   0.0,   0.0,   0.0);
     (370858.1, 3808616.5,   0.0,   0.0,   0.0);   (370893.5,
3808628.0,   0.0,   0.0,   0.0);
     (370874.2, 3808524.1,   0.0,   0.0,   0.0);   (370914.5,
3808537.2,   0.0,   0.0,   0.0);
     (370954.9, 3808550.3,   0.0,   0.0,   0.0);   (370985.2,
3808575.5,   0.0,   0.0,   0.0);
     (371005.4, 3808612.8,   0.0,   0.0,   0.0);   (371025.6,
3808650.1,   0.0,   0.0,   0.0);
     (370890.7, 3808431.8,   0.0,   0.0,   0.0);   (370933.1,
3808445.6,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370975.5, 3808459.3,   0.0,   0.0,   0.0);   (371017.8,
3808473.1,   0.0,   0.0,   0.0);
     (371049.6, 3808499.5,   0.0,   0.0,   0.0);   (371070.9,
3808538.7,   0.0,   0.0,   0.0);
     (371092.1, 3808577.9,   0.0,   0.0,   0.0);   (371113.3,
3808617.0,   0.0,   0.0,   0.0);
     (370907.5, 3808339.6,   0.0,   0.0,   0.0);   (370929.2,

```
3808346.7,       0.0,       0.0,       0.0);
     ( 370950.9, 3808353.8,       0.0,       0.0,       0.0);         ( 370972.6,
3808360.8,       0.0,       0.0,       0.0);
     ( 370994.4, 3808367.8,       0.0,       0.0,       0.0);         ( 371016.1,
3808374.9,       0.0,       0.0,       0.0);
     ( 371037.8, 3808381.9,       0.0,       0.0,       0.0);         ( 371059.5,
3808389.0,       0.0,       0.0,       0.0);
     ( 371081.3, 3808396.0,       0.0,       0.0,       0.0);         ( 371113.9,
3808423.2,       0.0,       0.0,       0.0);
     ( 371124.8, 3808443.3,       0.0,       0.0,       0.0);         ( 371135.6,
3808463.4,       0.0,       0.0,       0.0);
     ( 371146.5, 3808483.4,       0.0,       0.0,       0.0);         ( 371157.4,
3808503.5,       0.0,       0.0,       0.0);
     ( 371168.3, 3808523.6,       0.0,       0.0,       0.0);         ( 371179.2,
3808543.7,       0.0,       0.0,       0.0);
     ( 371190.0, 3808563.8,       0.0,       0.0,       0.0);         ( 371200.9,
3808583.9,       0.0,       0.0,       0.0);
     ( 370924.2, 3808247.5,       0.0,       0.0,       0.0);         ( 370946.3,
3808254.6,       0.0,       0.0,       0.0);
     ( 370968.4, 3808261.8,       0.0,       0.0,       0.0);         ( 370990.4,
3808269.0,       0.0,       0.0,       0.0);
     ( 371012.5, 3808276.1,       0.0,       0.0,       0.0);         ( 371034.6,
3808283.3,       0.0,       0.0,       0.0);
     ( 371056.6, 3808290.4,       0.0,       0.0,       0.0);         ( 371078.7,
3808297.6,       0.0,       0.0,       0.0);
     ( 371100.8, 3808304.8,       0.0,       0.0,       0.0);         ( 371122.8,
3808311.9,       0.0,       0.0,       0.0);
     ( 371144.9, 3808319.1,       0.0,       0.0,       0.0);         ( 371178.0,
3808346.6,       0.0,       0.0,       0.0);
     ( 371189.1, 3808367.0,       0.0,       0.0,       0.0);         ( 371200.1,
3808387.4,       0.0,       0.0,       0.0);
     ( 371211.2, 3808407.8,       0.0,       0.0,       0.0);         ( 371222.2,
3808428.2,       0.0,       0.0,       0.0);
     ( 371233.3, 3808448.6,       0.0,       0.0,       0.0);         ( 371244.3,
3808469.0,       0.0,       0.0,       0.0);
     ( 371255.4, 3808489.4,       0.0,       0.0,       0.0);         ( 371266.4,
3808509.8,       0.0,       0.0,       0.0);
     ( 371277.5, 3808530.2,       0.0,       0.0,       0.0);         ( 370918.7,
3808148.1,       0.0,       0.0,       0.0);
     ( 370941.0, 3808155.3,       0.0,       0.0,       0.0);         ( 370963.3,
3808162.5,       0.0,       0.0,       0.0);
     ( 370985.6, 3808169.8,       0.0,       0.0,       0.0);         ( 371007.9,
3808177.0,       0.0,       0.0,       0.0);
     ( 371030.2, 3808184.2,       0.0,       0.0,       0.0);         ( 371052.5,
3808191.5,       0.0,       0.0,       0.0);
     ( 371074.8, 3808198.7,       0.0,       0.0,       0.0);         ( 371097.1,
3808206.0,       0.0,       0.0,       0.0);
     ( 371119.4, 3808213.2,       0.0,       0.0,       0.0);         ( 371141.7,
3808220.4,       0.0,       0.0,       0.0);
     ( 371164.0, 3808227.7,       0.0,       0.0,       0.0);         ( 371186.3,
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3808234.9,   0.0,   0.0,   0.0);
     (371208.6, 3808242.1,   0.0,   0.0,   0.0);   (371242.1,
3808270.0,   0.0,   0.0,   0.0);
     (371253.3, 3808290.6,   0.0,   0.0,   0.0);   (371264.4,
3808311.2,   0.0,   0.0,   0.0);
     (371275.6, 3808331.8,   0.0,   0.0,   0.0);   (371286.8,
3808352.4,   0.0,   0.0,   0.0);
     (371297.9, 3808373.0,   0.0,   0.0,   0.0);   (371309.1,
3808393.7,   0.0,   0.0,   0.0);
     (371320.3, 3808414.3,   0.0,   0.0,   0.0);   (371331.4,
3808434.9,   0.0,   0.0,   0.0);
     (371342.6, 3808455.5,   0.0,   0.0,   0.0);   (371353.8,
3808476.1,   0.0,   0.0,   0.0);
     (370807.2, 3808111.9,   0.0,   0.0,   0.0);   (370782.9,
3808113.5,   0.0,   0.0,   0.0);
     (370850.8, 3808734.6,   0.0,   0.0,   0.0);   (370853.2,
3808759.5,   0.0,   0.0,   0.0);
     (370861.0, 3809110.4,   0.0,   0.0,   0.0);   (370826.6,
3808651.5,   0.0,   0.0,   0.0);
     (370934.2, 3808562.5,   0.0,   0.0,   0.0);   (370954.8,
3808592.6,   0.0,   0.0,   0.0);
     (370975.4, 3808622.7,   0.0,   0.0,   0.0);   (370903.3,
3808517.4,   0.0,   0.0,   0.0);
     (370972.0, 3808481.4,   0.0,   0.0,   0.0);   (370992.6,
3808511.5,   0.0,   0.0,   0.0);
     (371013.2, 3808541.6,   0.0,   0.0,   0.0);   (371033.8,
3808571.7,   0.0,   0.0,   0.0);
     (371054.4, 3808601.7,   0.0,   0.0,   0.0);   (371075.0,
3808631.8,   0.0,   0.0,   0.0);
     (371095.6, 3808661.9,   0.0,   0.0,   0.0);   (371095.7,
3808788.8,   0.0,   0.0,   0.0);
     (370930.8, 3808421.3,   0.0,   0.0,   0.0);   (371009.8,
3808400.3,   0.0,   0.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (371030.4, 3808430.4,   0.0,   0.0,   0.0);   (371051.0,
3808460.5,   0.0,   0.0,   0.0);
     (371071.6, 3808490.5,   0.0,   0.0,   0.0);   (371092.2,
3808520.6,   0.0,   0.0,   0.0);
     (371112.8, 3808550.7,   0.0,   0.0,   0.0);   (371133.4,

```
3808580.8,       0.0,       0.0,       0.0);
     ( 371154.0, 3808610.9,       0.0,       0.0,       0.0);         ( 371174.6,
3808640.9,       0.0,       0.0,       0.0);
     ( 371195.2, 3808671.0,       0.0,       0.0,       0.0);         ( 371105.2,
3808888.3,       0.0,       0.0,       0.0);
     ( 371015.2, 3808978.7,       0.0,       0.0,       0.0);         ( 370958.2,
3808325.1,       0.0,       0.0,       0.0);
     ( 370922.7, 3808315.0,       0.0,       0.0,       0.0);         ( 370996.0,
3808244.0,       0.0,       0.0,       0.0);
     ( 371047.5, 3808319.2,       0.0,       0.0,       0.0);         ( 371068.1,
3808349.3,       0.0,       0.0,       0.0);
     ( 371212.4, 3808559.8,       0.0,       0.0,       0.0);         ( 371233.0,
3808589.9,       0.0,       0.0,       0.0);
     ( 371253.6, 3808620.0,       0.0,       0.0,       0.0);         ( 371274.2,
3808650.1,       0.0,       0.0,       0.0);
     ( 371294.8, 3808680.1,       0.0,       0.0,       0.0);         ( 371320.6,
3808781.2,       0.0,       0.0,       0.0);
     ( 371114.8, 3808987.9,       0.0,       0.0,       0.0);         ( 371089.0,
3809013.7,       0.0,       0.0,       0.0);
     ( 370967.9, 3808223.9,       0.0,       0.0,       0.0);         ( 371023.5,
3808147.8,       0.0,       0.0,       0.0);
     ( 371075.0, 3808223.0,       0.0,       0.0,       0.0);         ( 371095.6,
3808253.1,       0.0,       0.0,       0.0);
     ( 371116.2, 3808283.2,       0.0,       0.0,       0.0);         ( 371342.9,
3808614.1,       0.0,       0.0,       0.0);
     ( 371363.5, 3808644.1,       0.0,       0.0,       0.0);         ( 371384.1,
3808674.2,       0.0,       0.0,       0.0);
     ( 371404.7, 3808704.3,       0.0,       0.0,       0.0);         ( 371420.2,
3808790.3,       0.0,       0.0,       0.0);
     ( 371394.4, 3808816.1,       0.0,       0.0,       0.0);         ( 371291.5,
3808919.5,       0.0,       0.0,       0.0);
     ( 371175.8, 3809035.7,       0.0,       0.0,       0.0);         ( 371111.5,
3809100.3,       0.0,       0.0,       0.0);
     ( 371085.7, 3809126.1,       0.0,       0.0,       0.0);         ( 371021.4,
3809190.7,       0.0,       0.0,       0.0);
     ( 370931.4, 3809281.2,       0.0,       0.0,       0.0);         ( 370995.4,
3808127.7,       0.0,       0.0,       0.0);
     ( 370822.8, 3808712.2,     530.9,    1482.1,       0.0);         ( 370847.1,
3808710.6,     530.5,    1482.1,       0.0);
     ( 370858.5, 3808807.8,     526.9,    1482.1,       0.0);         ( 370882.8,
3808850.0,     524.0,    1482.1,       0.0);
     ( 370848.8, 3809029.9,     512.4,    1482.1,       0.0);         ( 370868.2,
3809159.5,     508.1,    1482.1,       0.0);
     ( 370839.0, 3809234.1,     505.6,    1482.1,       0.0);         ( 370839.0,
3809255.2,     506.0,    1482.1,       0.0);
     ( 370887.7, 3809263.3,     511.1,    1482.1,       0.0);         ( 370937.9,
3809289.2,     509.6,    1482.1,       0.0);
     ( 370946.0, 3809318.4,     503.8,    1482.1,       0.0);         ( 371002.3,
3809324.5,     509.0,    1482.1,       0.0);
     ( 371003.7, 3809369.9,     500.0,    1482.1,       0.0);         ( 371137.8,
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3809366.2,   499.3,   1482.1,   0.0);
     (371225.6, 3809364.7,   528.8,   1482.1,   0.0);   (371212.1,
3809444.2,   516.7,   1482.1,   0.0);
     (371189.7, 3809473.3,   508.4,   1482.1,   0.0);   (371178.5,
3809515.8,   496.6,   1482.1,   0.0);
     (371208.7, 3809569.0,   495.7,   1482.1,   0.0);   (371216.7,
3809697.1,   499.6,   1482.1,   0.0);
     (371211.6, 3809719.4,   500.9,   1482.1,   0.0);   (371195.1,
3809860.3,   503.2,   1482.1,   0.0);
     (371186.5, 3809871.8,   501.2,   1482.1,   0.0);   (371200.1,
3809894.8,   494.9,   1482.1,   0.0);
     (371192.9, 3810052.3,   510.7,   1482.1,   0.0);   (371165.6,
3810045.9,   506.9,   1482.1,   0.0);
     (371154.1, 3810042.3,   505.2,   1482.1,   0.0);   (371154.1,
3810059.5,   510.1,   1482.1,   0.0);
     (371146.2, 3810064.6,   510.8,   1482.1,   0.0);   (371023.9,
3810055.9,   495.5,   1482.1,   0.0);
     (371015.3, 3810023.6,   491.7,   1482.1,   0.0);   (370757.8,
3809977.5,   486.9,   1482.1,   0.0);
     (370666.5, 3810061.0,   481.7,   1482.1,   0.0);   (370592.0,
3810093.1,   481.1,   1482.1,   0.0);
     (370548.0, 3810094.0,   481.0,   1482.1,   0.0);   (370528.6,
3810117.7,   479.9,   1482.1,   0.0);
     (370503.2, 3810116.8,   479.9,   1482.1,   0.0);   (370485.4,
3810094.0,   480.9,   1482.1,   0.0);
     (370430.4, 3810099.9,   481.4,   1482.1,   0.0);   (370313.6,
3810112.6,   481.1,   1482.1,   0.0);
     (370298.4, 3810127.0,   481.4,   1482.1,   0.0);   (370224.0,
3810150.7,   487.0,   1482.1,   0.0);
     (370196.0, 3810182.0,   479.4,   1482.1,   0.0);   (370170.7,
3810183.7,   478.7,   1482.1,   0.0);
     (370135.1, 3810190.4,   482.0,   1482.1,   0.0);   (370108.0,
3810175.2,   491.4,   1482.1,   0.0);
     (370075.0, 3810182.8,   491.9,   1482.1,   0.0);   (369956.6,
3810155.7,   476.9,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (369907.5, 3810133.7,   476.8,   1482.1,   0.0);   (369878.8,
3810142.2,   476.2,   1482.1,   0.0);
     (369864.4, 3810132.9,   475.6,   1482.1,   0.0);   (369868.6,

3810116.0,   475.7,   1482.1,   0.0);
     (369829.7, 3810091.4,   476.1,   1482.1,   0.0);   (369822.1,
3810071.1,   476.6,   1482.1,   0.0);
     (369832.2, 3810050.0,   477.5,   1482.1,   0.0);   (369850.0,
3810046.6,   477.5,   1482.1,   0.0);
     (370020.0, 3810114.3,   477.2,   1482.1,   0.0);   (370020.0,
3810077.0,   478.0,   1482.1,   0.0);
     (370037.0, 3810070.3,   478.2,   1482.1,   0.0);   (370049.7,
3810076.2,   478.0,   1482.1,   0.0);
     (370079.3, 3810067.7,   478.0,   1482.1,   0.0);   (370097.0,
3810031.4,   483.0,   1482.1,   0.0);
     (370116.5, 3810027.1,   483.0,   1482.1,   0.0);   (370171.5,
3810050.8,   495.3,   1482.1,   0.0);
     (370186.7, 3810037.3,   503.4,   1482.1,   0.0);   (370218.0,
3810033.0,   492.7,   1482.1,   0.0);
     (370226.5, 3810041.5,   492.3,   1482.1,   0.0);   (370244.3,
3810028.0,   486.4,   1482.1,   0.0);
     (370289.1, 3810031.4,   483.3,   1482.1,   0.0);   (370324.6,
3810044.9,   482.5,   1482.1,   0.0);
     (370467.6, 3810030.5,   484.0,   1482.1,   0.0);   (370478.6,
3810028.0,   484.1,   1482.1,   0.0);
     (370489.6, 3810000.9,   485.2,   1482.1,   0.0);   (370531.1,
3809993.3,   485.2,   1482.1,   0.0);
     (370549.7, 3809988.2,   485.4,   1482.1,   0.0);   (370578.5,
3809984.0,   485.9,   1482.1,   0.0);
     (370638.6, 3809975.5,   499.1,   1482.1,   0.0);   (370652.9,
3809970.4,   499.8,   1482.1,   0.0);
     (370655.5, 3809958.6,   495.9,   1482.1,   0.0);   (370597.9,
3809958.6,   490.7,   1482.1,   0.0);
     (370524.3, 3809960.3,   487.4,   1482.1,   0.0);   (370494.7,
3809938.3,   486.8,   1482.1,   0.0);
     (370450.7, 3809941.7,   486.3,   1482.1,   0.0);   (370431.3,
3809942.5,   486.5,   1482.1,   0.0);
     (370427.0, 3809924.8,   486.3,   1482.1,   0.0);   (370430.4,
3809906.1,   486.6,   1482.1,   0.0);
     (370408.4, 3809902.8,   486.4,   1482.1,   0.0);   (370394.0,
3809710.7,   490.2,   1482.1,   0.0);
     (370394.9, 3809696.3,   490.6,   1482.1,   0.0);   (370402.5,
3809685.3,   491.2,   1482.1,   0.0);
     (370426.2, 3809701.4,   490.8,   1482.1,   0.0);   (370426.2,
3809625.2,   499.2,   1482.1,   0.0);
     (370439.7, 3809600.7,   501.9,   1482.1,   0.0);   (370503.2,
3809546.5,   499.4,   1482.1,   0.0);
     (370698.6, 3809431.5,   500.4,   1482.1,   0.0);   (370715.5,
3809438.2,   500.2,   1482.1,   0.0);
     (370766.3, 3809401.0,   502.0,   1482.1,   0.0);   (370767.2,
3809342.6,   503.3,   1482.1,   0.0);
     (370734.2, 3809307.1,   501.8,   1482.1,   0.0);   (370739.2,
3809271.5,   501.9,   1482.1,   0.0);
     (370795.9, 3809270.7,   503.6,   1482.1,   0.0);   (370795.9,

3809163.2,   508.6,   1482.1,   0.0);
     (370797.6, 3808929.7,   516.4,   1482.1,   0.0);   (370806.9,
3808880.6,   522.1,   1482.1,   0.0);
     (370809.5, 3808845.1,   524.5,   1482.1,   0.0);   (370813.7,
3808830.7,   525.4,   1482.1,   0.0);
     (370789.2, 3808796.9,   529.8,   1482.1,   0.0);   (370801.0,
3808766.4,   529.4,   1482.1,   0.0);
     (370809.5, 3808708.0,   531.5,   1482.1,   0.0);   (370812.8,
3808699.6,   532.0,   1482.1,   0.0);
     (370848.4, 3808709.7,   530.5,   1482.1,   0.0);

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.

                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                        (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,
10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.SFC
Met Version: 22112
Profile file: ..\BELCARO PM10\BELCARO.DAT\SCLR_V11_TRIMMED.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01						

```
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                 PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
```

, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
         370850.53    3808415.11        0.03560                      370877.35
3808412.72        0.03553
         370447.50    3808544.60        0.03635                      370465.80
3808524.85        0.03583
         370484.10    3808505.10        0.03529                      370502.40
3808485.35        0.03473
         370520.71    3808465.60        0.03416                      370539.01
3808445.85        0.03356
         370557.31    3808426.09        0.03295                      370575.61
3808406.34        0.03233
         370593.91    3808386.59        0.03169                      370612.21
3808366.84        0.03105
         370630.51    3808347.09        0.03041                      370654.49
3808338.91        0.03030
         370681.31    3808336.52        0.03044                      370708.13
3808334.12        0.03055
         370734.95    3808331.73        0.03064                      370761.77
3808329.33        0.03071
         370788.60    3808326.94        0.03075                      370815.42
3808324.55        0.03076
         370842.24    3808322.15        0.03075                      370869.06
3808319.76        0.03072
         370895.88    3808317.36        0.03066                      370354.64
3808507.50        0.03246
         370372.94    3808487.75        0.03207                      370391.24
3808468.00        0.03167
         370409.54    3808448.25        0.03125                      370427.84
3808428.50        0.03081
         370446.14    3808408.74        0.03036                      370464.45
3808388.99        0.02990
         370482.75    3808369.24        0.02943                      370501.05
3808349.49        0.02895
         370519.35    3808329.74        0.02846                      370537.65
3808309.99        0.02797
         370555.95    3808290.24        0.02747                      370574.25
3808270.49        0.02697
         370601.50    3808249.94        0.02651                      370628.32
3808247.54        0.02663
         370655.14    3808245.15        0.02674                      370681.96
3808242.75        0.02683
         370708.78    3808240.36        0.02690                      370735.60
3808237.97        0.02696
         370762.42    3808235.57        0.02700                      370789.24
3808233.18        0.02703
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       06:42:51

                                PAGE  96
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370816.06	3808230.78	0.02703	370842.88	3808228.39	0.02703
370869.70	3808226.00	0.02701	370896.52	3808223.60	0.02696
370923.34	3808221.21	0.02691	370261.77	3808470.40	0.02918
370280.08	3808450.65	0.02889	370298.38	3808430.90	0.02858
370316.68	3808411.15	0.02827	370334.98	3808391.39	0.02794
370353.28	3808371.64	0.02759	370371.58	3808351.89	0.02724
370389.88	3808332.14	0.02688	370408.19	3808312.39	0.02651
370426.49	3808292.64	0.02613	370444.79	3808272.89	0.02574
370463.09	3808253.14	0.02535	370481.39	3808233.39	0.02495
370499.69	3808213.63	0.02455	370517.99	3808193.88	0.02415
370536.30	3808174.13	0.02375	370557.44	3808160.17	0.02352
370584.26	3808157.77	0.02363	370611.08	3808155.38	0.02372
370637.90	3808152.98	0.02380	370664.72	3808150.59	0.02388
370691.54	3808148.20	0.02393	370718.36		

3808145.80 0.02398
370745.18 3808143.41 0.02402 370772.00
3808141.01 0.02404
370798.82 3808138.62 0.02405 370825.64
3808136.22 0.02406
370852.46 3808133.83 0.02405 370879.28
3808131.44 0.02403
370906.10 3808129.04 0.02399 370932.92
3808126.65 0.02395
370959.74 3808124.25 0.02389 370784.73
3808704.46 0.08046
370779.09 3808743.38 0.09502 370759.99
3808700.88 0.07167
370754.35 3808739.80 0.08084 370735.25
3808697.29 0.06597
370729.61 3808736.21 0.07283 370713.56
3808682.33 0.06040
370707.68 3808713.17 0.06466 370702.04
3808752.09 0.07024
370615.61 3808664.19 0.05071 370608.72
3808698.83 0.05365
370603.08 3808737.75 0.05725 370517.15
3808647.96 0.04473
370526.30 3808613.82 0.04275 370509.75
3808684.49 0.04705
370504.11 3808723.41 0.04974 370418.49
3808632.48 0.04011
370428.25 3808596.06 0.03845 370410.78
3808670.14 0.04198
370405.14 3808709.06 0.04410 370319.72
3808617.38 0.03623
370329.90 3808579.44 0.03484 370340.07
3808541.51 0.03350
370311.82 3808655.80 0.03775 370306.18
3808694.72 0.03945
370220.25 3808604.93 0.03291 370229.41
3808570.79 0.03190
370238.56 3808536.65 0.03092 370247.72
3808502.51 0.02996
370212.85 3808641.46 0.03409 370207.21
3808680.38 0.03545
370771.79 3808772.60 0.10000 370748.49
3808763.53 0.08472
370719.26 3808769.70 0.07697 370768.92
3808811.57 0.10861
370793.46 3808845.41 0.14289 370744.13
3808814.76 0.09490
370741.07 3808791.02 0.08824 370760.95
3808843.16 0.11081
370721.61 3808823.70 0.08820 370740.71

3808857.84   0.10291
         370702.13   3808840.29   0.08574   370691.98
3808793.33   0.07523

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370720.48   3808872.52   0.09767   370619.96
3808895.93   0.07911
         370605.38   3808859.20   0.07191   370593.19
3808802.84   0.06358
         370597.98   3808763.61   0.05961   370639.52
3808931.22   0.08807
         370539.46   3808955.79   0.07699   370525.79
3808921.35   0.07094
         370512.13   3808886.91   0.06558   370498.46
3808852.47   0.06081
         370493.87   3808816.86   0.05707   370498.35
3808780.07   0.05409
         370558.57   3808989.93   0.08459   370458.05
3809013.35   0.07495
         370443.47   3808976.61   0.06903   370428.89
3808939.87   0.06379
         370414.31   3808903.14   0.05913   370399.73
3808866.40   0.05497

```
         370394.84    3808828.41        0.05171                    370399.62
3808789.18        0.04913
         370404.41    3808749.95        0.04669                    370477.61
3809048.63        0.08216
         370376.80    3809071.29        0.07268                    370361.61
3809033.02        0.06697
         370346.42    3808994.75        0.06193                    370331.23
3808956.48        0.05745
         370316.04    3808918.22        0.05344                    370300.86
3808879.95        0.04984
         370295.76    3808840.38        0.04704                    370300.74
3808799.51        0.04485
         370305.73    3808758.65        0.04277                    370310.72
3808717.78        0.04079
         370396.66    3809107.34        0.07949                    370296.14
3809130.76        0.07000
         370281.56    3809094.02        0.06496                    370266.98
3809057.29        0.06046
         370252.40    3809020.55        0.05642                    370237.82
3808983.81        0.05277
         370223.24    3808947.07        0.04948                    370208.66
3808910.34        0.04648
         370196.48    3808853.98        0.04287                    370201.26
3808814.75        0.04116
         370206.05    3808775.52        0.03951                    370210.84
3808736.28        0.03793
         370315.70    3809166.05        0.07615                    370621.82
3808774.33        0.06300
         370525.88    3808746.12        0.05284                    370429.94
3808717.92        0.04575
         370334.00    3808689.72        0.04020                    370238.06
3808661.52        0.03565
         370781.99    3808878.87        0.13899                    370757.06
3808877.08        0.11662
         370612.52    3808816.81        0.06724                    370316.18
3808779.36        0.04440
         370228.12    3808707.51        0.03728                    370773.06
3808925.07        0.14358
         370748.50    3808920.41        0.12193                    370723.93
3808915.75        0.10820
         370699.37    3808911.09        0.09845                    370772.45
3808952.90        0.15124
         370772.28    3808976.25        0.15793                    370772.11
3808999.61        0.16471
         370771.94    3809022.96        0.17186                    370771.78
3809046.31        0.17964
         370771.61    3809069.66        0.18824                    370771.44
3809093.01        0.19791
         370771.27    3809116.37        0.20897                    370771.10
3809139.72        0.22184
```

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         370770.93    3809163.07        0.23714                      370747.45
3808952.72        0.12945
         370747.28    3808976.07        0.13545                      370747.11
3808999.42        0.14170
         370746.95    3809022.78        0.14834                      370746.78
3809046.13        0.15550
         370746.61    3809069.48        0.16338                      370746.44
3809092.83        0.17217
         370746.27    3809116.18        0.18213                      370746.10
3809139.54        0.19359
         370745.93    3809162.89        0.20700                      370722.45
3808952.54        0.11588
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         370722.28    3808975.89        0.12137                      370722.11
3808999.24        0.12716
         370721.95    3809022.60        0.13335                      370721.78
3809045.95        0.14001
         370721.61    3809069.30        0.14730                      370721.44
3809092.65        0.15537
         370721.27    3809116.00        0.16440                      370721.10
3809139.36        0.17465
         370720.93    3809162.71        0.18642                      370697.45
```

3808952.36 0.10636
370697.28 3808975.71 0.11144 370697.12
3808999.06 0.11683
370696.95 3809022.41 0.12259 370696.78
3809045.77 0.12879
370696.61 3809069.12 0.13553 370696.44
3809092.47 0.14294
370696.27 3809115.82 0.15114 370696.10
3809139.17 0.16030
370695.93 3809162.53 0.17064 370599.37
3808910.37 0.07830
370597.46 3808951.63 0.08434 370597.29
3808974.99 0.08816
370597.12 3808998.34 0.09221 370596.95
3809021.69 0.09652
370596.78 3809045.04 0.10110 370596.61
3809068.39 0.10600
370596.44 3809091.75 0.11125 370596.27
3809115.10 0.11689
370596.10 3809138.45 0.12296 370595.94
3809161.80 0.12950
370499.38 3808909.65 0.06693 370497.46
3808950.91 0.07156
370497.29 3808974.26 0.07446 370497.12
3808997.61 0.07752
370496.95 3809020.97 0.08075 370496.61
3809067.67 0.08777
370496.44 3809091.02 0.09160 370496.28
3809114.37 0.09565
370496.11 3809137.73 0.09997 370495.94
3809161.08 0.10455
370397.63 3808926.84 0.05998 370397.46
3808950.19 0.06212
370397.29 3808973.54 0.06436 370397.12
3808996.89 0.06670
370396.95 3809020.24 0.06916 370396.79
3809043.60 0.07174
370396.11 3809137.00 0.08341 370395.94
3809160.36 0.08673
370297.46 3808949.46 0.05447 370297.30
3808972.82 0.05621
370297.13 3808996.17 0.05802 370296.96
3809019.52 0.05991
370296.79 3809042.87 0.06187 370296.62
3809066.22 0.06391
370201.83 3808882.40 0.04460 370197.47
3808948.74 0.04803
370197.30 3808972.09 0.04938 370197.13
3808995.44 0.05078
370196.96 3809018.80 0.05223 370196.79

```
3809042.15        0.05373
         370196.62    3809065.50        0.05527                       370196.45
3809088.85        0.05687
         370196.28    3809112.20        0.05851                       370196.11
3809135.56        0.06021
         370195.95    3809158.91        0.06197                       370770.93
3809206.23        0.27626
         370770.93    3809249.22        0.34764                       370745.93
3809206.23        0.24023
         370745.93    3809249.22        0.29545                       370720.93
3809206.23        0.21440
         370720.93    3809249.22        0.25388                       370695.93
3809206.23        0.19417
         370695.93    3809249.22        0.22364                       370595.93
3809184.74        0.13649
         370595.93    3809227.73        0.15114                       370595.93
3809270.71        0.16818
         370495.93    3809184.74        0.10955                       370495.93
3809227.73        0.11957
         370495.93    3809270.71        0.13104                       370395.93
3809184.74        0.09041
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         370395.93    3809227.73        0.09746                    370395.93
3809270.71        0.10534
         370295.93    3809184.74        0.07569                    370295.93
3809227.73        0.08068
         370295.93    3809270.71        0.08608                    370195.93
3809184.74        0.06399
         370195.93    3809227.73        0.06753                    370195.93
3809270.71        0.07127
         370795.56    3809245.71        0.41052                    370795.19
3809220.72        0.35834
         370794.82    3809195.72        0.32182                    370794.45
3809170.72        0.29440
         370711.95    3809285.78        0.27846                    370687.20
3809282.25        0.23907
         370673.22    3809245.71        0.20126                    370662.45
3809278.71        0.21279
         370648.48    3809242.17        0.18263                    370664.94
3809211.72        0.17713
         370705.46    3809184.03        0.18771                    370637.71
3809275.17        0.19298
         370549.48    3809228.02        0.13489                    370565.94
3809197.57        0.13089
         370623.24    3809115.20        0.12427                    370655.53
3809102.73        0.13070
         370538.71    3809261.02        0.14176                    370450.49
3809213.87        0.10583
         370466.95    3809183.42        0.10315                    370524.56
3809076.82        0.09381
         370557.16    3809040.14        0.09280                    370621.76
3809015.21        0.10019
         370654.05    3809002.74        0.10495                    370439.72
3809246.87        0.11032
         370351.49    3809199.72        0.08547                    370367.95
3809169.27        0.08377
         370417.33    3809077.90        0.07831                    370433.79
3809047.45        0.07642
         370466.71    3808986.54        0.07260                    370571.83
3808933.92        0.07801
         370652.57    3808902.75        0.08569                    370684.87
3808890.29        0.09050
         370340.72    3809232.72        0.08839                    370252.50
3809185.57        0.07037
         370268.96    3809155.12        0.06934                    370326.57
3809048.52        0.06511
         370343.03    3809018.07        0.06377                    370367.72
3808972.39        0.06170
         370441.16    3808883.78        0.05939                    370473.46
3808871.32        0.06070
         370521.90    3808852.62        0.06274                    370554.20
3808840.16        0.06421
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         370586.50    3808827.69        0.06585                      370634.94
3808809.00        0.06884
         370667.24    3808796.53        0.07150                      370241.73
3809218.57        0.07226
         370153.51    3809171.42        0.05884                      370169.97
3809140.97        0.05823
         370219.34    3809049.60        0.05595                      370260.49
3808973.46        0.05363
         370285.18    3808927.78        0.05211                      370326.33
3808851.64        0.04942
         370358.94    3808814.95        0.04874                      370423.53
3808790.03        0.05049
         370455.83    3808777.56        0.05135                      370552.72
3808740.17        0.05398
         370633.46    3808709.01        0.05649                      370665.76
3808696.54        0.05769
         370142.74    3809204.42        0.06008                      370715.84
3809324.10        0.32295
         370732.34    3809341.87        0.38234                      370748.84
3809359.64        0.45316
         370691.09    3809320.56        0.27416                      370714.02
3809358.88        0.35120
         370730.52    3809376.65        0.41337                      370672.77
3809337.57        0.26489
         370695.70    3809375.89        0.33674                      370712.20
3809393.66        0.39651
         370654.45    3809354.59        0.25968                      370641.59
3809313.49        0.21787
         370677.38    3809392.90        0.33060                      370693.88
3809410.67        0.39142
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370581.17	3809422.63	0.25635	370568.31	3809381.53	0.21197
370555.46	3809340.44	0.18064	370542.60	3809299.34	0.15683
370604.10	3809460.95	0.33825	370507.30	3809488.80	0.25707
370500.29	3809466.39	0.22788	370493.28	3809443.97	0.20513
370486.27	3809421.55	0.18673	370479.25	3809399.14	0.17141
370472.24	3809376.72	0.15840	370465.23	3809354.31	0.14714
370458.22	3809331.89	0.13727	370451.20	3809309.47	0.12851
370444.19	3809287.06	0.12068	370514.32	3809511.22	0.29676
370530.82	3809528.99	0.36380	370434.18	3809557.35	0.24987
370427.32	3809535.43	0.22051	370420.47	3809513.51	0.19830
370413.61	3809491.59	0.18061	370406.75	3809469.67	0.16603
370399.90	3809447.75	0.15371	370393.04	3809425.84	0.14310
370386.18	3809403.92	0.13382	370379.33	3809382.00	0.12562
370372.47	3809360.08	0.11828	370365.61	3809338.16	0.11166
370358.76	3809316.25	0.10567	370351.90	3809294.33	0.10019
370345.04	3809272.41	0.09517	370441.04	3809579.26	0.29199
370360.61	3809624.48	0.20335	370353.47	3809601.64	0.18652
370346.33	3809578.81	0.17196	370339.19	3809555.98	0.15931
370332.04	3809533.15	0.14824	370324.90	3809510.32	0.13849
370317.76	3809487.49	0.12984	370310.62	3809464.66	0.12211
370303.47	3809441.82	0.11514	370296.33		

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3809418.99        0.10884
         370289.19    3809396.16        0.10310                        370282.05
3809373.33        0.09784
         370274.90    3809350.50        0.09301                        370267.76
3809327.67        0.08855
         370260.62    3809304.83        0.08443                        370253.48
3809282.00        0.08059
         370246.33    3809259.17        0.07702                        370367.76
3809647.31        0.22289
         370384.26    3809665.08        0.26064                        370400.76
3809682.85        0.31542
         370287.46    3809692.93        0.15768                        370280.45
3809670.52        0.14969
         370273.44    3809648.10        0.14212                        370266.42
3809625.69        0.13497
         370259.41    3809603.27        0.12823                        370252.40
3809580.85        0.12191
         370245.39    3809558.44        0.11599                        370238.37
3809536.02        0.11045
         370231.36    3809513.60        0.10527                        370224.35
3809491.19        0.10043
         370217.34    3809468.77        0.09590                        370210.32
3809446.35        0.09167
         370203.31    3809423.94        0.08770                        370196.30
3809401.52        0.08398
         370189.29    3809379.11        0.08049                        370182.27
3809356.69        0.07720
         370175.26    3809334.27        0.07411                        370168.25
3809311.86        0.07120
         370161.23    3809289.44        0.06844                        370154.22
3809267.02        0.06585
         370147.21    3809244.61        0.06339                        370294.48
3809715.35        0.16606
         370310.98    3809733.12        0.18217                        370327.48
3809750.89        0.20130
         370741.32    3809400.65        0.49867                        370266.37
3809393.82        0.09733
         370166.66    3809372.92        0.07626                        370571.99
3809171.50        0.12525
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
```

, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

370558.07 3809282.14 0.15643 370518.98
3809305.15 0.14983
370499.44 3809316.66 0.14669 370440.80
3809351.18 0.13730
370421.26 3809362.68 0.13410 370401.71
3809374.19 0.13083
370632.76 3809145.87 0.13648 370654.34
3809139.10 0.14201
370546.43 3809172.95 0.11878 370370.52
3809276.51 0.10097
370560.44 3809066.46 0.09829 370625.19
3809046.16 0.10754
370646.78 3809039.39 0.11132 370456.60
3809109.79 0.08835
370437.06 3809121.29 0.08715 370339.33
3809178.83 0.08090
370319.79 3809190.34 0.07957 370574.46
3808959.98 0.08223
370794.94 3808953.51 0.18784 370862.01
3808963.82 0.19875
370347.23 3809058.13 0.06809 370249.51
3809115.67 0.06371
370545.31 3808867.04 0.06643 370566.89
3808860.27 0.06777
370631.64 3808839.96 0.07265 370675.58
3808836.63 0.07917
370899.16 3808870.97 0.13109 370374.68
3808925.93 0.05815
370355.13 3808937.44 0.05767 370471.09
3809541.06 0.28154
370454.86 3809522.04 0.23723 370407.26
3809562.65 0.22068
370391.04 3809543.64 0.19211 370390.67
3809511.08 0.17512
370357.49 3809407.94 0.12501 370325.76
3809435.01 0.12083
370322.63 3809308.23 0.09643 370292.58
3809331.87 0.09393
370244.99 3809372.48 0.08993 370271.89
3809222.05 0.07660
370221.16 3809135.88 0.06262 370115.17
3809220.34 0.05849
370127.89 3809080.01 0.05104 370156.25
3809059.81 0.05189
370097.85 3809103.66 0.05022 370066.12
3809130.73 0.04938
370417.83 3809588.61 0.26037 370404.29
3809613.15 0.26090

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

3809258.78 0.04740
369973.83 3809237.96 0.04775 369990.81
3809217.14 0.04808
370007.80 3809196.32 0.04837 370024.78
3809175.50 0.04863
370041.77 3809154.68 0.04884 369907.61
3809323.10 0.04635
370401.18 3809644.27 0.28339 370376.18
3809701.38 0.26307
370351.18 3809663.30 0.20777 370351.18
3809701.38 0.22043
370330.33 3809609.13 0.16984 370326.18
3809644.27 0.17658
370326.18 3809682.34 0.18640 370230.33
3809609.13 0.11760
370226.18 3809644.27 0.12040 370226.18
3809682.34 0.12478
370130.85 3809607.11 0.08964 370140.18
3809570.88 0.08872
370149.51 3809534.65 0.08760 370158.84
3809498.42 0.08627
370126.18 3809644.27 0.09151 370126.18
3809682.34 0.09443
370030.70 3809607.66 0.07188 370039.75
3809572.53 0.07121
370048.80 3809537.39 0.07047 370057.85
3809502.26 0.06966
370066.90 3809467.13 0.06875 370026.18
3809644.27 0.07328
370026.18 3809682.34 0.07552 369930.62
3809607.98 0.05930
369939.51 3809573.47 0.05879 369948.40
3809538.96 0.05827
369957.29 3809504.46 0.05772 369966.18
3809469.95 0.05712
369975.06 3809435.44 0.05646 369983.95
3809400.94 0.05575
369926.18 3809644.27 0.06037 369926.18
3809682.34 0.06210
369830.85 3809607.11 0.04979 369840.18
3809570.88 0.04942
369849.51 3809534.65 0.04903 369858.84
3809498.42 0.04862
369868.18 3809462.19 0.04818 369877.51
3809425.95 0.04769
369886.84 3809389.72 0.04717 369896.17
3809353.49 0.04660
369826.18 3809644.27 0.05059 369826.18
3809682.34 0.05187
370416.53 3809664.61 0.35641 370269.95

3809550.81   0.12383
         370291.25   3809537.01   0.12987   370355.13
3809495.60   0.14867
         370378.19   3809491.29   0.15920   370187.72
3809493.92   0.09193
         370240.95   3809459.41   0.10048   370262.24
3809445.61   0.10400

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

370013.33 3809386.55 0.05795 370035.36
3809372.27 0.05947
370057.38 3809358.00 0.06103 370079.41
3809343.72 0.06260
370101.44 3809329.44 0.06419 370123.47
3809315.16 0.06579
370222.59 3809250.91 0.07292 370374.94
3809207.21 0.09036
370426.33 3809217.94 0.10164 370529.12
3809239.41 0.13199
370567.66 3809247.45 0.14743 369930.96
3809329.74 0.04828
369952.87 3809315.54 0.04939 369974.77
3809301.35 0.05051
369996.67 3809287.15 0.05165 370018.57
3809272.95 0.05279
370040.47 3809258.76 0.05394 370062.37
3809244.56 0.05510
370305.12 3809098.16 0.06774 370330.67
3809103.50 0.07105
370356.22 3809108.83 0.07460 370471.19
3809132.84 0.09456
370522.29 3809143.51 0.10636 370547.84
3809148.85 0.11325
370650.03 3809170.19 0.15162 370675.58
3809175.52 0.16574
370319.16 3809706.25 0.18498 370303.85
3809664.90 0.16398
370199.63 3809671.75 0.11391 370194.38
3809698.88 0.11479
370099.80 3809665.85 0.08750 370094.55
3809692.98 0.08837
370000.27 3809659.10 0.07035 369994.73
3809687.08 0.07112
369900.38 3809653.38 0.05797 369909.64
3809626.54 0.05784
369894.90 3809681.18 0.05857 369800.51
3809647.59 0.04854
369809.69 3809620.99 0.04848 369795.08
3809675.28 0.04894
370370.90 3809736.56 0.26482 370372.69
3809760.56 0.27431
370374.49 3809784.57 0.28092 370376.29
3809808.58 0.28333
370378.09 3809832.59 0.28096 370379.88
3809856.60 0.27516
370381.68 3809880.61 0.26856 370383.48
3809904.62 0.26356
370347.76 3809762.43 0.22890 370349.56
3809786.44 0.23379

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         370351.36    3809810.45        0.23669                      370353.16
3809834.46        0.23769
         370354.95    3809858.47        0.23735                      370356.75
3809882.47        0.23656
         370358.55    3809906.48        0.23646                      370324.63
3809788.31        0.20222
         370326.43    3809812.31        0.20546                      370328.23
3809836.32        0.20787
         370330.02    3809860.33        0.20979                      370331.82
3809884.34        0.21173
         370333.62    3809908.35        0.21439                      370297.90
3809766.16        0.17540
         370299.70    3809790.17        0.17925                      370301.50
3809814.18        0.18263
         370303.30    3809838.19        0.18570                      370305.09
3809862.20        0.18871
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         370306.89    3809886.21        0.19204                      370308.69
3809910.22        0.19623
         370194.59    3809725.61        0.11738                      370196.39
3809749.62        0.12027
         370198.18    3809773.63        0.12321                      370199.98
```

3809797.64 0.12626
370201.78 3809821.65 0.12949 370203.58
3809845.66 0.13303
370205.37 3809869.66 0.13701 370207.17
3809893.67 0.14170
370208.97 3809917.68 0.14741 370094.87
3809733.08 0.09139
370096.66 3809757.09 0.09366 370098.46
3809781.10 0.09609
370100.26 3809805.10 0.09873 370102.06
3809829.11 0.10165
370103.85 3809853.12 0.10495 370105.65
3809877.13 0.10875
370107.45 3809901.14 0.11323 370109.25
3809925.15 0.11862
369995.01 3809722.72 0.07326 369996.94
3809764.55 0.07634
369998.74 3809788.56 0.07846 370000.54
3809812.57 0.08083
370002.34 3809836.58 0.08352 370004.13
3809860.59 0.08664
370005.93 3809884.60 0.09032 370007.73
3809908.61 0.09475
370009.53 3809932.61 0.10017 369895.25
3809725.73 0.06065
369897.22 3809772.02 0.06337 369899.02
3809796.03 0.06513
369900.82 3809820.04 0.06712 369902.62
3809844.04 0.06944
369904.41 3809868.05 0.07221 369906.21
3809892.06 0.07559
369908.01 3809916.07 0.07986 369909.81
3809940.08 0.08546
369795.55 3809735.43 0.05099 369797.50
3809779.48 0.05289
369799.30 3809803.49 0.05415 369801.10
3809827.50 0.05556
369802.89 3809851.51 0.05716 369804.69
3809875.52 0.05902
369806.49 3809899.53 0.06122 369808.29
3809923.54 0.06388
369810.08 3809947.55 0.06717 370404.61
3809927.46 0.28293
370386.26 3809944.44 0.26272 370422.82
3809955.55 0.30046
370382.47 3809969.15 0.26535 370346.78
3809938.57 0.22849
370419.02 3809980.26 0.30290 370373.82
3809991.28 0.27292
370326.23 3809950.51 0.21698 370415.22

3810004.97   0.32298
         370252.83   3810018.42   0.22524   370235.28
3809978.13   0.18044
         370400.04   3810103.81   0.37091   370343.45
3810188.96   0.18693
         370304.63   3810168.34   0.20868   370265.82
3810147.72   0.24975
         370161.88   3810046.04   0.20727   370144.34
3810005.74   0.15963
         370126.79   3809965.44   0.13475   370384.85
3810202.65   0.17872
         370328.26   3810287.80   0.12603   370289.45
3810267.18   0.13205
         370250.64   3810246.56   0.14034   370211.82
3810225.94   0.15325
         370173.01   3810205.32   0.17571   370062.16
3810053.50   0.17186
         370044.62   3810013.21   0.13649   370027.07
3809972.91   0.11502
         370369.67   3810301.49   0.12380   370313.08
3810386.64   0.09479
         370274.26   3810366.02   0.09747   370235.45
3810345.40   0.10044
         370196.64   3810324.78   0.10407   370157.83
3810304.16   0.10891

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370119.01	3810283.54	0.11568	370080.20	3810262.92	0.12523
370032.62	3810222.15	0.16006	370015.07	3810181.86	0.25130
369971.21	3810081.12	0.23692	369953.67	3810040.82	0.15562
369936.12	3810000.52	0.11568	370354.48	3810400.33	0.09386
370297.89	3810485.48	0.07503	370259.08	3810464.86	0.07655
370220.27	3810444.24	0.07797	370181.45	3810423.62	0.07937
370142.64	3810403.00	0.08082	370103.83	3810382.38	0.08242
370065.02	3810361.76	0.08419	370026.20	3810341.14	0.08601
369987.39	3810320.52	0.08750	369959.21	3810290.06	0.09334
369941.67	3810249.77	0.10719	369924.12	3810209.47	0.12702
369906.58	3810169.18	0.15970	369845.17	3810028.14	0.10678
369827.63	3809987.84	0.07949	370339.30	3810499.17	0.07454
370405.81	3809901.66	0.29386	370233.63	3809870.41	0.14863
370135.23	3809852.55	0.11258	370036.84	3809834.69	0.08920
369938.45	3809816.83	0.07195	369840.06	3809798.97	0.05832
370358.30	3809959.89	0.24282	370232.02	3809954.66	0.16798
370231.13	3809921.84	0.15735	370133.76	3809941.48	0.12914
370132.81	3809906.33	0.12061	370035.93	3809944.46	0.10780
370034.94	3809908.00	0.09943	370033.96	3809871.54	0.09328
369938.77	3809972.17	0.10115	369937.85	3809937.99	0.08978
369936.92	3809903.81	0.08233	369935.99	3809869.63	0.07708
369840.48	3809958.22	0.07567	369839.53	3809923.06	0.06923
369838.58	3809887.90	0.06481	369837.63	3809852.74	0.06156

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         370451.81    3809966.65        0.33536                      370452.90
3809991.62        0.34446
         370434.53    3810017.45        0.36525                      370403.31
3810032.38        0.38555
         370343.23    3809979.84        0.24217                      370421.52
3810136.59        0.26511
         370384.60    3810125.10        0.29089                      370347.67
3810113.62        0.33712
         370459.45    3810141.48        0.26038                      370426.73
3810236.75        0.15932
         370391.48    3810225.79        0.16279                      370356.23
3810214.83        0.16689
         370320.98    3810203.86        0.17248                      370285.74
3810192.90        0.18084
         370240.39    3810166.49        0.21901                      370463.81
3810241.38        0.15974
         370430.25    3810336.40        0.11539                      370393.33
3810324.91        0.11706
         370301.01    3810296.20        0.12079                      370264.08
3810284.71        0.12278
         370227.16    3810273.23        0.12563                      370179.65
3810245.56        0.13941
         370147.92    3810197.00        0.19186                      370468.18
3810341.29        0.11559
         370435.13    3810436.46        0.08928                      370399.23
3810425.29        0.09036
         370255.62    3810380.63        0.09276                      370219.72
3810369.47        0.09316
         370183.82    3810358.30        0.09363                      370147.92
3810347.13        0.09423
         370119.69    3810325.81        0.09872                      370099.12
3810294.34        0.10934
         370057.98    3810231.40        0.15135                      370037.41
3810199.93        0.20270
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370472.54	3810441.19	0.08936	370438.98	3810536.21	0.07178
370402.05	3810524.72	0.07262	370365.13	3810513.24	0.07327
370272.81	3810484.52	0.07408	370235.88	3810473.04	0.07410
370198.96	3810461.55	0.07397	370162.03	3810450.07	0.07371
370125.10	3810438.58	0.07333	370088.18	3810427.10	0.07281
370059.14	3810405.17	0.07455	370037.98	3810372.80	0.07931
369985.09	3810291.87	0.09735	369963.93	3810259.50	0.10830
369942.77	3810227.13	0.12188	369889.88	3810146.20	0.18166
370476.90	3810541.10	0.07175	370474.63	3809964.91	0.36826
370476.55	3809989.83	0.37085	370478.46	3810014.76	0.40363
370488.04	3810139.39	0.26838	370495.70	3810239.10	0.16344
370503.36	3810338.80	0.11774	370511.02	3810438.51	0.09079
370518.68	3810538.22	0.07274	370509.42	3809980.35	0.41792
370549.44	3809984.71	0.52293	370573.98	3809984.15	0.61705
370508.28	3810153.66	0.24720	370553.46	3810159.66	0.24182
370577.99	3810159.10	0.24242	370602.53	3810158.54	0.24113
370531.22	3810260.20	0.15267	370555.75	3810259.64	0.15360
370580.29	3810259.07	0.15414	370604.83	3810258.51	0.15432
370533.51	3810360.17	0.11159	370558.05		

3810359.61 0.11218
370582.58 3810359.05 0.11262 370607.12
3810358.48 0.11289
370381.01 3810410.92 0.09273 370535.81
3810460.15 0.08664
370560.34 3810459.58 0.08701 370584.88
3810459.02 0.08728
370609.42 3810458.46 0.08745 370538.10
3810560.12 0.06968
370562.64 3810559.56 0.06990 370587.18
3810559.00 0.07005
370611.71 3810558.43 0.07012 370636.30
3810158.59 0.23545
370636.30 3810258.59 0.15366 370636.30
3810358.59 0.11278
370636.30 3810458.59 0.08736 370636.30
3810558.59 0.07001
370628.50 3809965.20 0.62755 370604.05
3809959.96 0.60270
370264.36 3809874.76 0.16422 370166.58
3809853.80 0.12162
370068.81 3809832.84 0.09503 370574.99
3809959.21 0.56487
370534.87 3809384.19 0.19314 370447.55
3809499.67 0.21090
370501.33 3809947.91 0.43853 370438.06
3809603.68 0.33425
370401.99 3809827.97 0.35195 370298.85
3809939.14 0.19628
370243.90 3809844.43 0.14995 370260.00
3809822.67 0.15586
370276.09 3809800.90 0.16329 370135.93
3809827.51 0.10970
370152.79 3809804.71 0.11183 370169.65
3809781.91 0.11453
370220.24 3809713.50 0.12572 370249.97
3809684.76 0.13549
370035.10 3809800.93 0.08553 370052.46
3809777.46 0.08660
370069.82 3809753.99 0.08798 370156.61
3809636.62 0.09811
370187.22 3809607.03 0.10357 369942.21
3809763.62 0.06852

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369959.07	3809740.82	0.06934	370043.38	3809626.81	0.07491
370060.24	3809604.01	0.07622	370077.11	3809581.21	0.07756
370093.97	3809558.40	0.07891	370123.70	3809529.66	0.08213
369928.28	3809788.56	0.06837	370369.81	3810015.22	0.30244
370345.98	3810017.62	0.28858	370322.15	3810020.02	0.27569
370319.65	3809995.14	0.23934	370359.94	3809438.31	0.13374
370298.00	3810008.00	0.24017	370395.85	3809750.99	0.33916
370467.00	3809564.08	0.31625	370292.88	3809981.50	0.21220
370272.34	3809954.88	0.18716	370274.23	3809929.95	0.17993
370281.77	3809830.23	0.16966	370266.89	3809728.82	0.14988
370296.84	3809630.80	0.15234	370229.12	3810008.08	0.19954
370213.97	3809988.20	0.17676	370198.81	3809968.31	0.16000
370200.70	3809943.39	0.15138	370165.89	3809961.97	0.14553
370123.78	3809771.19	0.10104	370164.67	3809759.09	0.11090

370226.00 3809740.93 0.13091 370043.78
3809697.39 0.07930
370148.62 3809666.35 0.09858 369962.53
3809623.96 0.06366
370005.12 3809611.35 0.06847 370111.60
3809579.83 0.08365
370175.49 3809560.92 0.09589 370218.08
3809548.31 0.10591
369901.07 3809544.67 0.05383 369982.85
3809520.46 0.06120
370023.73 3809508.36 0.06548 370085.07
3809490.20 0.07283
370125.95 3809478.10 0.07848 369862.86
3809564.26 0.05111
370199.04 3810010.39 0.18629 370180.04
3809987.73 0.16233
370173.34 3809938.18 0.14020 370283.74
3809745.91 0.16258
370146.56 3809739.98 0.10414 370179.61
3809638.10 0.10444
370152.83 3809439.90 0.07991 370334.32
3809457.31 0.12899
370379.69 3809461.66 0.14922 370435.76
3809480.59 0.18932
370170.12 3810018.60 0.17987 370121.67
3809994.77 0.14579
370105.06 3809976.08 0.13279 370071.53
3809879.69 0.10169
369972.17 3809826.61 0.07775 369938.64
3809730.22 0.06605
369974.01 3809713.97 0.06977 370062.44
3809673.37 0.08096
369872.20 3809655.48 0.05521 369978.31
3809606.75 0.06476
369805.76 3809580.75 0.04699 369929.55
3809523.90 0.05574
370000.29 3809491.41 0.06178 370035.66
3809475.17 0.06516
369772.85 3809602.41 0.04514 370271.87
3809767.40 0.15727
370314.34 3809567.93 0.14807 370091.74
3810006.93 0.14361
370100.58 3809953.84 0.12406 370075.81
3809933.64 0.11296
370052.79 3809733.98 0.08333 370068.97
3809639.87 0.07995
370010.31 3809538.54 0.06537 370008.27
3809442.68 0.06025
370046.67 3809446.39 0.06490 370123.48
3809453.82 0.07618

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370065.94   3809965.21   0.11976   370020.77
3810016.63   0.13490
         370007.20   3809987.47   0.11766   369989.43
3810023.85   0.13716
         369962.35   3809887.92   0.08374   369899.57
3809979.96   0.09718
         369863.66   3809854.96   0.06516   369963.93
3809770.85   0.07196
         370015.98   3809746.37   0.07802   369750.14
3809840.34   0.05068
         369775.14   3809809.42   0.05194   369825.15
3809747.57   0.05427
         369868.15   3809708.19   0.05693   369958.11
3809665.88   0.06513
         369728.75   3809873.99   0.04976   369659.50
3809797.42   0.04147
         369682.94   3809768.43   0.04261   369706.38
3809739.44   0.04370
         369729.83   3809710.45   0.04475   369753.27

3809681.46 0.04578
369776.71 3809652.47 0.04679 369855.90
3809606.24 0.05192
369889.64 3809590.37 0.05445 369973.98
3809550.70 0.06160
369638.90 3809830.10 0.04055 369569.98
3809753.11 0.03506
369594.09 3809723.30 0.03603 369618.20
3809693.48 0.03699
369642.32 3809663.66 0.03792 369666.43
3809633.84 0.03882
369690.54 3809604.02 0.03971 369714.65
3809574.21 0.04057
369744.05 3809551.14 0.04191 369778.75
3809534.82 0.04380
369813.45 3809518.49 0.04580 369882.85
3809485.85 0.05014
369917.55 3809469.53 0.05251 369549.04
3809786.21 0.03426
370070.79 3810030.88 0.15361 370176.42
3809804.29 0.11888
370010.76 3810053.84 0.16652 369982.90
3809984.21 0.11282
369976.57 3809793.17 0.07546 370078.65
3809796.01 0.09328
370129.69 3809797.42 0.10494 369941.31
3809700.38 0.06479
370011.88 3809702.34 0.07453 370117.75
3809705.28 0.09426
370153.04 3809706.26 0.10304 370085.81
3809612.58 0.08115
369884.65 3809515.18 0.05130 370078.74
3809520.57 0.07388
370184.60 3809523.52 0.09431 369995.05
3810077.05 0.20833
369949.35 3810063.04 0.19891 369924.35
3810063.04 0.21479
369960.07 3810002.60 0.11985 369824.96
3810061.03 0.10859
369849.52 3809980.95 0.08421 369867.48
3809954.42 0.08084
369820.05 3810095.66 0.10971 369725.21
3810060.23 0.05671
369735.52 3810026.60 0.05788 369745.84
3809992.96 0.05825
369756.15 3809959.33 0.05796 369766.46
3809925.69 0.05728
369867.51 3809831.63 0.06373 369720.05
3810095.66 0.05588
369625.34 3810059.80 0.04212 369635.92

3810025.30   0.04309
         369646.50   3809990.81   0.04385   369657.08
3809956.31   0.04441
         369667.65   3809921.81   0.04479   369678.23
3809887.31   0.04502
         369702.86   3809841.50   0.04610   369730.96
3809818.86   0.04800
         369773.11   3809784.90   0.05074   369843.36
3809728.31   0.05526
         369620.05   3810095.66   0.04150   369525.42
3810059.53   0.03418

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         369536.17   3810024.50   0.03491   369546.91
3809989.46   0.03557
         369557.65   3809954.42   0.03614   369568.40
3809919.39   0.03664
         369579.14   3809884.35   0.03705   369589.89
3809849.31   0.03738
         369600.63   3809814.28   0.03765   369620.27
3809785.26   0.03852
         369648.81   3809762.27   0.04005   369677.35
3809739.28   0.04158

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         369705.89    3809716.29        0.04312                    369520.05
3810095.66        0.03370
         369425.48    3810059.35        0.02887                    369436.34
3810023.94        0.02945
         369447.19    3809988.54        0.02998                    369458.05
3809953.13        0.03048
         369468.91    3809917.73        0.03093                    369479.76
3809882.32        0.03133
         369490.62    3809846.91        0.03169                    369501.48
3809811.51        0.03200
         369512.34    3809776.10        0.03227                    369537.61
3809729.08        0.03309
         369566.45    3809705.85        0.03431                    369595.29
3809682.62        0.03555
         369420.05    3810095.66        0.02850                    369901.74
3810040.28        0.15806
         369880.48    3810031.82        0.13558                    369932.24
3810025.51        0.13711
         369910.99    3810017.05        0.12562                    369889.73
3810008.59        0.11245
         369868.47    3810000.13        0.09912                    370114.35
3809506.03        0.07865
         369860.70    3809758.27        0.05844                    369776.13
3809755.26        0.04993
         369843.71    3809660.20        0.05269                    369773.90
3809557.07        0.04404
         369913.08    3809570.38        0.05596                    369965.27
3809575.37        0.06173
         370000.06    3809578.70        0.06612                    369755.38
3809458.85        0.04045
         369790.55    3809462.21        0.04271                    369825.71
3809465.58        0.04516
         369720.04    3809460.55        0.03846                    369809.69
3810039.14        0.08651
         369799.53    3810060.29        0.08450                    369787.15
3810028.32        0.07308
         369776.99    3810049.47        0.07150                    369775.56
3810004.00        0.06618
         369802.35    3809983.40        0.07087                    369754.46
3810038.64        0.06314
         369695.72    3809909.41        0.04739                    369752.57
3809872.46        0.05237
         369773.70    3809862.98        0.05436                    369605.58
3809866.11        0.03866
         369620.17    3809848.12        0.03946                    369691.61
3809793.19        0.04386
         369712.74    3809783.70        0.04534                    369733.87
3809774.22        0.04684
         369755.00    3809764.74        0.04838                    369530.03
3809804.82        0.03341
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         369630.65    3809713.91        0.03805                      369651.78
3809704.43        0.03920
         369672.91    3809694.95        0.04039                      369694.04
3809685.47        0.04160
         369715.18    3809675.99        0.04285                      369736.31
3809666.50        0.04413
         369396.12    3809815.48        0.02746                      369410.71
3809797.49        0.02795
         369425.30    3809779.51        0.02844                      369439.89
3809761.52        0.02893
         369454.48    3809743.53        0.02942                      369469.07
3809725.55        0.02991
         369483.66    3809707.56        0.03039                      369498.25
3809689.58        0.03088
         369512.84    3809671.59        0.03136                      369548.57
3809644.12        0.03271
         369569.70    3809634.64        0.03360                      369590.83
3809625.16        0.03453
         369611.96    3809615.68        0.03547                      369633.09
3809606.19        0.03645
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         369654.22    3809596.71        0.03745                      369675.35
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3809587.23 0.03848
369381.52 3809833.47 0.02697 369371.36
3809854.62 0.02665
369305.98 3809772.18 0.02426 369320.57
3809754.19 0.02465
369335.16 3809736.21 0.02504 369349.75
3809718.22 0.02544
369364.34 3809700.23 0.02583 369378.93
3809682.25 0.02623
369393.52 3809664.26 0.02662 369408.11
3809646.28 0.02701
369422.71 3809628.29 0.02740 369437.30
3809610.30 0.02779
369451.89 3809592.32 0.02818 369487.61
3809564.85 0.02927
369508.74 3809555.37 0.03000 369529.87
3809545.89 0.03075
369551.00 3809536.40 0.03152 369572.13
3809526.92 0.03231
369593.26 3809517.44 0.03312 369614.39
3809507.96 0.03395
369635.52 3809498.48 0.03481 369656.65
3809488.99 0.03569
369677.78 3809479.51 0.03659 369698.91
3809470.03 0.03751
369291.39 3809790.17 0.02387 369281.23
3809811.32 0.02362
369775.25 3810088.68 0.07299 369752.71
3810077.86 0.06423
369759.46 3810117.78 0.06646 369736.05
3810126.56 0.05928
369635.68 3810121.77 0.04294 369642.43
3810161.68 0.04317
369542.13 3810155.11 0.03470 369544.03
3810112.33 0.03517
369545.93 3810069.55 0.03550 369548.80
3810196.81 0.03471
369448.48 3810190.72 0.02921 369450.34
3810148.89 0.02960
369452.20 3810107.06 0.02993 369454.06
3810065.23 0.03019
369455.17 3810231.94 0.02917 369354.84
3810226.12 0.02521
369356.68 3810184.84 0.02553 369358.51
3810143.56 0.02582
369360.35 3810102.28 0.02607 369362.19
3810061.01 0.02628
369364.02 3810019.73 0.02645 369365.86
3809978.45 0.02657
369367.69 3809937.17 0.02664 369369.53

3809895.89   0.02667
         369361.54   3810267.07   0.02515   369261.25
3810260.50   0.02213
         369263.15   3810217.72   0.02241   369265.05
3810174.94   0.02267
         369266.96   3810132.16   0.02290   369268.86
3810089.38   0.02311
         369270.76   3810046.60   0.02328   369272.66
3810003.82   0.02342
         369274.57   3809961.04   0.02352   369276.47
3809918.26   0.02359
         369278.37   3809875.48   0.02362   369267.92
3810302.19   0.02207
         369835.81   3810124.85   0.12750   369855.27
3810137.12   0.14651
         369792.94   3810121.36   0.08215   369822.47
3810145.99   0.10083
         369841.93   3810158.26   0.11206   369779.61
3810142.51   0.07351
         369809.14   3810167.14   0.08534   369828.60
3810179.41   0.09278
         369762.91   3810159.53   0.06591   369795.80
3810188.29   0.07500
         369815.26   3810200.56   0.08034   369709.58
3810244.12   0.04973
         369682.72   3810211.15   0.04707   369742.47
3810272.88   0.05324
         369761.93   3810285.15   0.05544   369656.24
3810328.71   0.04062

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369629.38	3810295.74	0.03916	369602.52	3810262.76	0.03764
369575.66	3810229.79	0.03614	369689.13	3810357.47	0.04259
369708.59	3810369.74	0.04387	369602.91	3810413.30	0.03454
369576.05	3810380.32	0.03361	369549.19	3810347.35	0.03261
369522.32	3810314.38	0.03160	369495.46	3810281.40	0.03061
369635.80	3810442.06	0.03585	369655.26	3810454.33	0.03672
369548.61	3810496.71	0.03007	369534.22	3810479.05	0.02972
369519.83	3810461.38	0.02936	369505.44	3810443.72	0.02898
369491.05	3810426.05	0.02860	369476.66	3810408.39	0.02821
369462.27	3810390.72	0.02781	369447.88	3810373.06	0.02742
369433.49	3810355.39	0.02703	369419.10	3810337.73	0.02665
369404.71	3810320.06	0.02627	369390.32	3810302.40	0.02589
369375.93	3810284.73	0.02552	369563.00	3810514.38	0.03040
369582.46	3810526.65	0.03104	369601.92	3810538.92	0.03167
369495.45	3810581.51	0.02663	369481.23	3810564.05	0.02637
369467.01	3810546.59	0.02611	369438.56	3810511.68	0.02554
369424.34	3810494.22	0.02525	369410.12	3810476.77	0.02496
369395.90	3810459.31	0.02466	369381.68	3810441.85	0.02437
369353.24	3810406.94	0.02378	369339.02	3810389.48	0.02349
369324.80	3810372.02	0.02320	369310.58	3810354.57	0.02291
369296.36	3810337.11	0.02263	369509.67	3810598.96	0.02687

```
         369529.13    3810611.23        0.02736                        369548.59
3810623.50        0.02784
         369674.57    3810067.46        0.04798                        369577.56
3810043.21        0.03787
         369480.54    3810018.96        0.03164                        369383.53
3809994.70        0.02723
         369865.16    3810163.19        0.12888                        369851.58
3810184.17        0.10412
         369837.99    3810205.16        0.08848                        369824.40
3810226.14        0.07769
         369676.32    3810175.79        0.04708                        369674.33
3810145.32        0.04739
         369672.33    3810114.85        0.04751                        369770.06
3810310.09        0.05463
         369582.02    3810193.09        0.03714                        369579.85
3810159.85        0.03738
         369577.68    3810126.61        0.03753                        369575.50
3810093.37        0.03758
         369715.71    3810394.03        0.04341                        369490.13
3810247.13        0.03072
         369488.01    3810214.63        0.03094                        369485.88
3810182.13        0.03113
         369483.75    3810149.63        0.03128                        369481.63
3810117.13        0.03138
         369479.50    3810084.63        0.03142                        369477.38
3810052.13        0.03142
         369661.36    3810477.97        0.03637                        369395.91
3810265.54        0.02640
         369393.69    3810231.68        0.02658                        369391.48
3810197.83        0.02674
         369389.26    3810163.97        0.02687                        369387.05
3810130.11        0.02697
         369384.84    3810096.26        0.02703                        369381.51
3810045.48        0.02707
         369607.02    3810561.91        0.03138                        369302.94
3810303.14        0.02304
         369300.77    3810269.90        0.02319                        369298.59
3810236.67        0.02333
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
```

L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369296.42	3810203.43	0.02345	369294.24	3810170.19	0.02355
369292.07	3810136.95	0.02363	369289.90	3810103.71	0.02369
369287.72	3810070.47	0.02373	369552.67	3810645.86	0.02759
369879.10	3810188.17	0.11838	369887.52	3810212.35	0.10726
369862.76	3810208.76	0.09791	369893.20	3810236.14	0.09774
369865.68	3810232.14	0.08977	369921.41	3810332.08	0.07493
369893.89	3810328.08	0.07152	369866.37	3810324.08	0.06788
369838.85	3810320.08	0.06409	369811.34	3810316.08	0.06026
369949.56	3810329.85	0.07958	369948.81	3810427.90	0.06206
369919.68	3810423.66	0.06005	369890.54	3810419.43	0.05788
369861.40	3810415.20	0.05558	369832.26	3810410.96	0.05317
369803.12	3810406.73	0.05071	369773.99	3810402.50	0.04824
369744.85	3810398.26	0.04579	369977.77	3810425.78	0.06476
369977.24	3810523.87	0.05374	369948.52	3810519.69	0.05241
369919.81	3810515.52	0.05100	369891.09	3810511.35	0.04951
369862.37	3810507.18	0.04796	369833.66	3810503.01	0.04634
369804.94	3810498.83	0.04469	369776.23		

```
3810494.66        0.04301
         369747.51    3810490.49        0.04132                    369718.79
3810486.32        0.03964
         369690.08    3810482.14        0.03798                    370005.98
3810521.72        0.05560
         370005.06    3810619.75        0.04753                    369975.58
3810615.46        0.04655
         369946.09    3810611.18        0.04551                    369916.61
3810606.90        0.04442
         369887.12    3810602.61        0.04328                    369857.64
3810598.33        0.04210
         369828.15    3810594.04        0.04088                    369798.67
3810589.76        0.03963
         369769.18    3810585.48        0.03836                    369739.70
3810581.19        0.03707
         369710.21    3810576.91        0.03578                    369680.73
3810572.62        0.03450
         369651.24    3810568.34        0.03323                    370034.19
3810617.66        0.04891
         370033.45    3810715.71        0.04247                    370004.31
3810711.48        0.04178
         369975.17    3810707.24        0.04104                    369946.03
3810703.01        0.04026
         369916.90    3810698.78        0.03945                    369887.76
3810694.54        0.03859
         369858.62    3810690.31        0.03771                    369829.48
3810686.08        0.03679
         369800.34    3810681.84        0.03585                    369771.20
3810677.61        0.03489
         369742.07    3810673.38        0.03391                    369712.93
3810669.14        0.03293
         369683.79    3810664.91        0.03194                    369654.65
3810660.68        0.03095
         369625.51    3810656.44        0.02997                    369596.38
3810652.21        0.02901
         370062.40    3810713.60        0.04349                    369930.01
3810171.21        0.17937
         369915.70    3810246.99        0.10038                    369793.01
3810520.75        0.04271
         369735.76    3810604.68        0.03601                    369678.51
3810688.60        0.03110
         369711.22    3810703.26        0.03185                    369951.02
3810180.10        0.18334
         369974.71    3810185.52        0.19539                    370069.48
3810207.18        0.18762
         369969.14    3810209.89        0.15113                    369992.83
3810215.30        0.15655
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
369987.26	3810239.68	0.12846	370010.95	3810245.09	0.13017
370034.64	3810250.51	0.12996	370058.34	3810255.92	0.12849
370005.38	3810269.46	0.11190	370029.07	3810274.88	0.11254
370052.76	3810280.30	0.11238	369935.71	3810356.12	0.07199
369959.40	3810361.53	0.07377	369983.10	3810366.95	0.07528
370006.79	3810372.36	0.07653	369871.12	3810441.96	0.05387
369913.43	3810453.60	0.05620	369937.12	3810459.02	0.05746
369960.81	3810464.43	0.05862	369984.50	3810469.85	0.05968
370008.19	3810475.27	0.06066	369848.84	3810539.44	0.04500
369891.14	3810551.09	0.04668	369914.83	3810556.50	0.04761
369938.53	3810561.92	0.04850	369962.22	3810567.33	0.04933
369985.91	3810572.75	0.05011	369826.55	3810636.93	0.03878

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         369789.33    3810624.47        0.03768                    369868.86
3810648.57        0.04004
         369892.55    3810653.99        0.04075                    369916.24
3810659.40        0.04142
         369939.93    3810664.82        0.04207                    369963.62
3810670.24        0.04267
         369800.55    3810733.17        0.03397                    369778.22
3810725.69        0.03348
         369755.88    3810718.22        0.03296                    369733.55
3810710.74        0.03242
         369822.88    3810740.64        0.03445                    369846.57
3810746.06        0.03501
         369870.26    3810751.47        0.03556                    369893.96
3810756.89        0.03608
         369917.65    3810762.31        0.03657                    369941.34
3810767.72        0.03703
         370097.17    3810203.36        0.19155                    370086.30
3810231.53        0.15225
         370119.30    3810223.91        0.15965                    370108.42
3810252.08        0.13419
         370136.55    3810373.87        0.08664                    370125.75
3810475.14        0.06790
         370092.16    3810475.17        0.06594                    370058.58
3810475.21        0.06389
         370148.76    3810572.57        0.05764                    370116.19
3810572.61        0.05624
         370083.62    3810572.64        0.05478                    370051.05
3810572.68        0.05327
         370018.48    3810572.72        0.05171                    370181.55
3810568.74        0.05939
         370171.55    3810670.01        0.04984                    370139.56
3810670.04        0.04885
         370107.57    3810670.08        0.04781                    370075.58
3810670.11        0.04673
         370043.60    3810670.15        0.04561                    370011.61
3810670.18        0.04446
         370204.04    3810666.18        0.05110                    370193.25
3810767.45        0.04353
         370159.66    3810767.48        0.04279                    370126.07
3810767.52        0.04201
         370092.49    3810767.56        0.04118                    370058.90
3810767.59        0.04031
         370025.31    3810767.63        0.03941                    369991.72
3810767.67        0.03848
         370226.54    3810763.62        0.04446                    369889.95
3810626.19        0.04210
         369840.92    3810713.34        0.03610                    370144.46
3810239.54        0.14401
         370132.20    3810261.33        0.12855                    370171.58
3810285.28        0.11750
```

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         370172.49    3810386.90        0.08611                      370174.25
3810482.36        0.06956
         370038.81    3810460.19        0.06457                      370208.95
3810481.76        0.07144
         370006.70    3810550.12        0.05304                      369955.91
3810541.80        0.05099
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         370209.86    3810583.37        0.05895                      370245.40
3810576.61        0.06096
         370032.52    3810649.52        0.04658                      369996.88
3810643.69        0.04558
         369961.23    3810637.86        0.04449                      369925.59
3810632.02        0.04333
         370228.55    3810681.61        0.05051                      370264.09
3810674.85        0.05197
         370035.24    3810745.15        0.04087                      369999.91
3810739.37        0.04014
         369964.58    3810733.58        0.03934                      369929.25
3810727.80        0.03848
         369893.92    3810722.02        0.03757                      370247.23
3810779.85        0.04379
         370282.77    3810773.09        0.04485                      370197.71
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3810206.90 0.17109
370201.05 3810256.79 0.13292 370202.72
3810281.74 0.12058
370196.72 3810382.36 0.08867 370210.76
3810782.32 0.04295
370233.35 3810215.24 0.16140 370261.27
3810183.94 0.19102
370265.97 3810216.23 0.16065 370284.63
3810232.88 0.15001
370328.30 3810323.40 0.11322 370294.33
3810340.00 0.10583
370401.39 3810390.72 0.09844 370327.27
3810426.95 0.08678
370290.21 3810445.06 0.08150 370433.88
3810366.01 0.10651
370458.30 3810465.94 0.08402 370422.07
3810483.65 0.07981
370385.83 3810501.36 0.07577 370331.48
3810527.93 0.07002
370295.24 3810545.64 0.06640 370522.46
3810416.93 0.09593
370551.29 3810523.53 0.07533 370497.65
3810549.75 0.07078
370461.89 3810567.23 0.06782 370426.13
3810584.71 0.06493
370390.37 3810602.19 0.06212 370354.61
3810619.67 0.05940
370318.85 3810637.14 0.05677 370283.09
3810654.62 0.05423
370583.13 3810499.14 0.07962 370625.26
3810590.42 0.06566
370588.20 3810608.53 0.06341 370551.14
3810626.65 0.06117
370514.08 3810644.76 0.05895 370477.02
3810662.87 0.05675
370439.96 3810680.99 0.05458 370402.91
3810699.10 0.05245
370365.85 3810717.22 0.05037 370328.79
3810735.33 0.04834
370657.75 3810565.71 0.06885 370310.12
3810228.19 0.15444
370352.14 3810424.69 0.08844 370419.69
3810508.14 0.07565
370412.78 3810615.28 0.06104 370450.01
3810603.44 0.06302
370405.87 3810722.42 0.05047 370443.10
3810710.57 0.05189
370480.33 3810698.73 0.05328 370315.59
3810145.14 0.24654
370332.76 3810163.31 0.21563 370365.16

3810167.10   0.21222
         370420.43   3810281.39   0.13573   370471.57
3810364.41   0.10852
         370556.08   3810427.76   0.09388   370487.89
3810467.95   0.08431
         370588.36   3810403.33   0.10009   370624.37
3810500.68   0.07936
         370589.50   3810521.23   0.07587   370502.32
3810572.61   0.06762
         370657.04   3810476.01   0.08375   370692.78
3810573.52   0.06742
         370657.37   3810594.39   0.06496   370621.96
3810615.26   0.06253
         370586.56   3810636.13   0.06014   370551.15
3810656.99   0.05779

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370515.74   3810677.86   0.05551   370725.72
3810548.70   0.07053
         370339.70   3810134.90   0.26761   370363.06
3810132.36   0.27258
         370389.11   3810154.67   0.23103   370391.81
3810179.53   0.20046

```
         370415.16    3810176.99        0.20569                    370438.51
3810174.45        0.21127
         370417.86    3810201.84        0.18286                    370441.21
3810199.30        0.18756
         370405.32    3810303.80        0.12544                    370452.02
3810298.72        0.13044
         370439.47    3810400.67        0.09757                    370462.82
3810398.13        0.09902
         370450.28    3810500.09        0.07771                    370473.63
3810497.55        0.07864
         370484.43    3810596.96        0.06426                    370469.75
3810120.80        0.30704
         370475.10    3810170.51        0.22044                    370477.78
3810195.37        0.19499
         370488.48    3810294.79        0.13403                    370499.18
3810394.22        0.10110
         370509.88    3810493.65        0.07994                    370520.59
3810593.07        0.06510
         370549.62    3810690.52        0.05438                    370336.44
3810228.20        0.15635
         370169.71    3810339.59        0.09782                    370090.78
3810401.00        0.07766
         370029.62    3810485.25        0.06087                    370526.89
3810167.63        0.22956
         370500.67    3810191.77        0.20057                    370526.05
3810192.62        0.20166
         370499.83    3810216.75        0.17919                    370525.21
3810217.60        0.18010
         370399.31    3810267.15        0.14063                    370377.72
3810256.14        0.14421
         370356.13    3810245.13        0.14812                    370496.49
3810316.70        0.12548
         370521.87    3810317.55        0.12601                    370482.34
3810411.14        0.09641
         370395.97    3810367.09        0.10436                    370374.37
3810356.08        0.10625
         370352.78    3810345.07        0.10814                    370277.20
3810306.53        0.11538
         370400.22    3810470.91        0.08141                    370377.82
3810459.49        0.08270
         370355.43    3810448.07        0.08395                    370299.44
3810419.53        0.08686
         370277.05    3810408.11        0.08798                    370489.79
3810516.59        0.07575
         370397.53    3810571.19        0.06606                    370375.30
3810559.86        0.06700
         370353.07    3810548.52        0.06789                    370308.61
3810525.85        0.06951
         370286.38    3810514.52        0.07025                    370253.04
3810497.52        0.07125
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         370499.13    3810616.95        0.06199                      370394.61
3810671.36        0.05489
         370372.49    3810660.08        0.05562                      370350.37
3810648.80        0.05630
         370295.07    3810620.60        0.05783                      370272.95
3810609.32        0.05836
         370162.35    3810552.92        0.06027                      370140.23
3810541.64        0.06050
         370118.11    3810530.36        0.06068                      370095.99
3810519.08        0.06081
         370073.87    3810507.80        0.06088                      370495.79
3810716.90        0.05173
         370547.88    3810133.53        0.28726                      370567.34
3810109.84        0.35205
         370586.66    3810125.71        0.30437                      370548.33
3810188.20        0.20708
         370593.81    3810190.35        0.20443                      370554.92
3810211.72        0.18575
         370671.09    3810253.82        0.15509                      370635.03
3810281.46        0.14223
         370596.14    3810302.83        0.13306                      370566.43
3810308.72        0.13043
         370692.83    3810232.76        0.16597                      370748.36
3810317.30        0.12445
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M) CONC

- - - -

3810114.91   0.29371
         370658.98   3810145.90   0.24681   370696.21
3810129.83   0.25674
         370631.66   3810184.93   0.20676   370668.89
3810168.85   0.21768
         370706.12   3810152.78   0.22736   370671.30
3810276.74   0.14360
         370708.53   3810260.66   0.15004   370745.76
3810244.59   0.15649
         370729.56   3810360.51   0.11065   370766.79
3810344.43   0.11451
         370769.20   3810452.31   0.08657   370806.43
3810436.24   0.08883
         370808.84   3810544.12   0.06946   370846.07
3810528.05   0.07078
         370867.09   3810627.89   0.05734   370904.32
3810611.82   0.05808
         370683.34   3810079.43   0.36349   370701.61
3810062.74   0.38433
         370719.87   3810046.06   0.40447   370738.14
3810029.37   0.42718
         370756.41   3810012.68   0.45850   370774.67
3809996.00   0.50924
         370700.20   3810097.89   0.30479   370718.47
3810081.20   0.32343
         370736.73   3810064.51   0.34330   370755.00
3810047.83   0.36653
         370773.27   3810031.14   0.39665   370791.53
3810014.46   0.43933
         370717.06   3810116.34   0.26768   370735.33
3810099.66   0.28444
         370753.60   3810082.97   0.30293   370771.86
3810066.29   0.32454

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370790.13	3810049.60	0.35147	370808.39	3810032.91	0.38706
370733.93	3810134.80	0.24079	370752.19	3810118.12	0.25583
370770.46	3810101.43	0.27261	370788.72	3810084.74	0.29208
370806.99	3810068.06	0.31565	370825.26	3810051.37	0.34546
370782.83	3810220.62	0.16761	370819.64	3810191.95	0.18310
370837.90	3810175.26	0.19359	370856.17	3810158.58	0.20532
370874.43	3810141.89	0.21867	370892.70	3810125.20	0.23412
370852.13	3810293.25	0.12849	370818.77	3810314.82	0.12231
370887.08	3810265.78	0.13746	370905.35	3810249.09	0.14365
370923.61	3810232.41	0.15033	370941.88	3810215.72	0.15759
370960.15	3810199.04	0.16555	370917.72	3810368.28	0.09969
370880.65	3810392.25	0.09577	370843.58	3810416.22	0.09185
370954.53	3810339.61	0.10499	370972.79	3810322.92	0.10844
370991.06	3810306.24	0.11203	371009.33	3810289.55	0.11574
371027.59	3810272.87	0.11959	370983.85	3810442.97	0.07877
370963.99	3810455.81	0.07762	370944.12	3810468.65	0.07643
370924.26	3810481.49	0.07520	370904.40	3810494.33	0.07395
370884.54	3810507.17	0.07268	371003.71	3810430.13	0.07988
371021.97	3810413.44	0.08180	371040.24	3810396.76	0.08372

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         371058.50    3810380.07        0.08565                      371076.77
3810363.38        0.08756
         371095.04    3810346.70        0.08945                      371052.62
3810515.94        0.06364
         371015.54    3810539.91        0.06242                      370978.47
3810563.88        0.06107
         370941.40    3810587.85        0.05962                      371089.42
3810487.27        0.06534
         371107.68    3810470.59        0.06647                      371125.95
3810453.90        0.06756
         371144.22    3810437.22        0.06862                      371162.48
3810420.53        0.06964
         370823.63    3810014.70        0.44154                      370847.04
3810018.89        0.43270
         370870.44    3810023.07        0.42464                      370893.85
3810027.26        0.41661
         370917.25    3810031.44        0.40825                      370940.66
3810035.63        0.39920
         370964.07    3810039.81        0.38927                      370987.47
3810044.00        0.37815
         371010.88    3810048.18        0.36571                      370866.04
3810047.68        0.35542
         370889.45    3810051.87        0.34792                      370912.86
3810056.05        0.34024
         370936.26    3810060.24        0.33206                      370959.67
3810064.42        0.32321
         370983.07    3810068.61        0.31346                      371006.48
3810072.79        0.30269
         370861.64    3810072.29        0.30679                      370885.05
3810076.48        0.29977
         370908.46    3810080.66        0.29267                      370931.86
3810084.85        0.28521
         370955.27    3810089.03        0.27723                      370978.67
3810093.21        0.26856
         371002.08    3810097.40        0.25907                      370833.84
3810092.72        0.27670
         370857.24    3810096.90        0.26996                      370880.65
3810101.09        0.26344
         370904.06    3810105.27        0.25688                      370927.46
3810109.46        0.25005
         370950.87    3810113.64        0.24282                      370974.27
3810117.82        0.23506
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370997.68	3810122.01	0.22664	370722.61	3810174.42	0.20475
370746.02	3810178.60	0.19879	370769.43	3810182.79	0.19344
370792.83	3810186.97	0.18854	370863.05	3810199.53	0.17485
370886.46	3810203.71	0.17027	370909.86	3810207.89	0.16556
370980.08	3810220.45	0.15022	370728.42	3810277.04	0.14150
370751.83	3810281.23	0.13868	370798.64	3810289.60	0.13299
370892.26	3810306.33	0.12081	370915.67	3810310.52	0.11752
370939.08	3810314.70	0.11415	370710.82	3810375.48	0.10669
370757.63	3810383.85	0.10316	370781.04	3810388.04	0.10128
370898.07	3810408.96	0.09083	370740.04	3810482.29	0.08136
370763.44	3810486.47	0.08007	370786.85	3810490.66	0.07871
370927.29	3810515.77	0.06963	370745.84	3810584.91	0.06512
370769.25	3810589.10	0.06415	370792.66	3810593.28	0.06315
370816.06	3810597.47	0.06210	371046.60	3810082.60	0.27608
371071.06	3810084.32	0.26593	371095.51		

3810086.05 0.25324
371119.96 3810087.78 0.23735 371144.42
3810089.51 0.21808
371044.84 3810107.53 0.23567 371069.29
3810109.26 0.22629
371093.75 3810110.99 0.21515 371118.20
3810112.72 0.20214
371142.66 3810114.45 0.18763 371018.62
3810130.74 0.21293
371043.08 3810132.47 0.20565 371067.53
3810134.20 0.19727
371091.99 3810135.93 0.18771 371116.44
3810137.66 0.17710
371140.89 3810139.38 0.16579 370997.98
3810148.13 0.19919
371041.32 3810157.41 0.18238 371065.77
3810159.14 0.17500
371090.22 3810160.87 0.16685 371114.68
3810162.59 0.15810
371139.13 3810164.32 0.14899 370987.16
3810246.37 0.13613
370964.51 3810237.31 0.14333 370843.84
3810128.00 0.23447
371009.81 3810255.43 0.12906 371058.72
3810258.89 0.12051
371083.17 3810260.62 0.11598 371107.63
3810262.34 0.11137
371132.08 3810264.07 0.10673 370981.53
3810346.69 0.10065
370820.51 3810267.98 0.14104 370808.16
3810248.73 0.15088
371002.76 3810355.18 0.09649 371027.22
3810356.91 0.09382
371125.03 3810363.82 0.08267 370950.41
3810436.82 0.08194
370729.65 3810302.74 0.13063 370663.77
3810200.07 0.19034
371020.17 3810456.66 0.07414 371044.62
3810458.39 0.07232
371069.08 3810460.12 0.07047 370692.83
3810421.69 0.09499
370680.16 3810401.95 0.10005 370629.48
3810322.98 0.12498
371037.57 3810558.14 0.05926 371062.03
3810559.87 0.05798
371086.48 3810561.60 0.05669 371110.94
3810563.33 0.05539
370958.96 3810645.38 0.05301 370936.31
3810636.32 0.05456
370687.13 3810536.66 0.07290 370664.47

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370589.11   3810436.41   0.09215   370483.70
3810272.14   0.14426
         370981.62   3810654.44   0.05149   371006.07
3810656.17   0.05059
         371030.53   3810657.89   0.04968   371054.98
3810659.62   0.04875
         371079.43   3810661.35   0.04781   371103.89
3810663.08   0.04687
         371167.52   3810080.61   0.21233   371165.45
3810108.66   0.18046
         371178.88   3810129.75   0.15608   371191.23
3810151.11   0.13813
         371165.18   3810157.71   0.14399   371244.97
3810235.44   0.09451
         371218.92   3810242.05   0.09767   371192.87
3810248.66   0.10066
         371166.82   3810255.26   0.10344   371298.70
3810319.78   0.07133
         371272.65   3810326.39   0.07327   371246.60
3810332.99   0.07516

```
         371220.55    3810339.60        0.07697                    371194.50
3810346.21        0.07868
         371168.45    3810352.81        0.08029                    371352.12
3810404.20        0.05671
         371325.10    3810411.05        0.05807                    371298.09
3810417.90        0.05939
         371271.07    3810424.75        0.06067                    371244.06
3810431.60        0.06190
         371217.04    3810438.45        0.06308                    371190.03
3810445.30        0.06419
         371163.01    3810452.16        0.06522                    371405.92
3810488.51        0.04660
         371379.10    3810495.32        0.04756                    371352.29
3810502.12        0.04850
         371325.47    3810508.92        0.04942                    371298.65
3810515.72        0.05030
         371271.84    3810522.52        0.05116                    371245.02
3810529.32        0.05198
         371218.20    3810536.12        0.05276                    371191.39
3810542.92        0.05349
         371164.57    3810549.72        0.05418                    371137.75
3810556.53        0.05481
         371459.70    3810572.84        0.03921                    371433.01
3810579.61        0.03992
         371406.33    3810586.37        0.04062                    371379.64
3810593.14        0.04130
         371352.96    3810599.91        0.04197                    371326.27
3810606.68        0.04261
         371299.58    3810613.45        0.04323                    371272.90
3810620.21        0.04383
         371246.21    3810626.98        0.04440                    371219.53
3810633.75        0.04493
         371192.84    3810640.52        0.04544                    371166.15
3810647.29        0.04591
         371139.47    3810654.05        0.04635                    371179.09
3810059.53        0.23439
         371201.01    3810071.55        0.19146                    371189.44
3810092.64        0.17995
         371204.09    3810042.27        0.22351                    371226.01
3810071.55        0.16958
         371211.36    3810104.66        0.15630                    371229.09
3810042.27        0.18932
         371249.98    3810075.56        0.15040                    371230.45
3810119.71        0.13813
         371254.09    3810042.27        0.16531                    371349.98
3810075.56        0.10595
         371341.76    3810107.63        0.10171                    371333.55
3810139.69        0.09715
         371318.13    3810167.80        0.09489                    371295.50
3810191.96        0.09458
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371454.09	3810042.27	0.08351	371549.98	3810075.56	0.06439
371541.76	3810107.63	0.06329	371533.55	3810139.69	0.06203
371525.33	3810171.75	0.06064	371517.11	3810203.82	0.05915
371508.90	3810235.88	0.05757	371493.47	3810263.99	0.05690
371470.85	3810288.15	0.05709	371448.22	3810312.31	0.05713
371425.60	3810336.47	0.05701	371402.97		

3810360.63 0.05676
371380.35 3810384.79 0.05637 371554.09
3810042.27 0.06597
371649.98 3810075.56 0.05286 371641.76
3810107.63 0.05223
371633.55 3810139.69 0.05149 371625.33
3810171.75 0.05066
371617.11 3810203.82 0.04974 371608.90
3810235.88 0.04874
371600.68 3810267.95 0.04769 371581.15
3810312.09 0.04672
371558.52 3810336.25 0.04692 371535.90
3810360.41 0.04702
371513.27 3810384.57 0.04703 371490.65
3810408.73 0.04695
371468.02 3810432.89 0.04678 371445.39
3810457.05 0.04652
371654.09 3810042.27 0.05385 371749.98
3810075.56 0.04436
371741.76 3810107.63 0.04398 371733.55
3810139.69 0.04353
371725.33 3810171.75 0.04301 371717.11
3810203.82 0.04243
371708.90 3810235.88 0.04178 371700.68
3810267.95 0.04108
371692.46 3810300.01 0.04034 371684.24
3810332.07 0.03957
371668.82 3810360.18 0.03928 371646.20
3810384.34 0.03947
371623.57 3810408.50 0.03959 371600.95
3810432.66 0.03965
371578.32 3810456.82 0.03965 371555.69
3810480.98 0.03959
371533.07 3810505.14 0.03946 371510.44
3810529.30 0.03928
371487.82 3810553.46 0.03904 371754.09
3810042.27 0.04500
371146.62 3810066.13 0.26135 371094.34
3810233.14 0.12490
371064.47 3810328.57 0.09728 371046.09
3810427.60 0.07740
371004.72 3810519.44 0.06559 370974.84
3810614.87 0.05553
371119.52 3810240.49 0.11713 371073.44
3810435.11 0.07414
371100.77 3810441.58 0.07114 371064.07
3810535.66 0.06064
371017.11 3810626.92 0.05291 371041.03
3810632.97 0.05152
371219.95 3810008.48 0.23324 371220.98

3809985.98   0.24984
         371222.00   3809963.48   0.26226   371223.03
3809940.98   0.27130
         371224.06   3809918.48   0.27786   371225.08
3809895.98   0.28262
         371244.92   3810009.62   0.19346   371245.95
3809987.12   0.20485
         371246.98   3809964.62   0.21436   371248.00
3809942.12   0.22205
         371249.03   3809919.62   0.22813   371250.06
3809897.12   0.23289
         371269.90   3810010.76   0.16722   371270.92
3809988.26   0.17558
         371271.95   3809965.76   0.18294   371272.98
3809943.26   0.18922
         371274.00   3809920.76   0.19448   371275.03
3809898.26   0.19879
         371282.90   3810075.72   0.13230   371263.07
3810113.35   0.12697

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371211.52   3810140.91   0.13559   371293.84
3810034.40   0.14110

371294.87 3810011.90 0.14798 371295.90
3809989.40 0.15441
371296.92 3809966.90 0.16024 371297.95
3809944.40 0.16538
371298.98 3809921.90 0.16982 371300.01
3809899.40 0.17359
371382.80 3810080.28 0.09553 371362.96
3810117.91 0.09410
371323.29 3810193.18 0.08869 371393.74
3810038.96 0.09903
371394.77 3810016.46 0.10209 371395.79
3809993.96 0.10502
371396.82 3809971.46 0.10776 371397.85
3809948.96 0.11030
371398.87 3809926.46 0.11262 371399.90
3809903.96 0.11469
371482.69 3810084.84 0.07385 371462.86
3810122.47 0.07348
371423.19 3810197.74 0.07133 371383.52
3810273.01 0.06766
371144.63 3810339.90 0.08547 371493.64
3810043.52 0.07561
371494.66 3810021.02 0.07731 371495.69
3809998.52 0.07893
371496.72 3809976.02 0.08046 371497.74
3809953.52 0.08189
371498.77 3809931.02 0.08322 371499.80
3809908.52 0.08442
371582.59 3810089.40 0.05941 371562.75
3810127.03 0.05943
371443.75 3810352.84 0.05416 371225.67
3810415.36 0.06530
371593.53 3810048.08 0.06039 371594.56
3810025.58 0.06143
371595.59 3810003.08 0.06243 371596.61
3809980.58 0.06337
371597.64 3809958.08 0.06425 371598.67
3809935.58 0.06506
371599.69 3809913.08 0.06581 371681.96
3810094.95 0.04913
371661.08 3810134.56 0.04931 371514.94
3810411.87 0.04531
371504.50 3810431.67 0.04476 371472.15
3810456.08 0.04510
371362.59 3810479.08 0.04967 371296.85
3810492.89 0.05231
371253.03 3810502.09 0.05400 371209.21
3810511.29 0.05559
371165.38 3810520.49 0.05707 371121.56
3810529.69 0.05841

```
         371693.43    3810052.64        0.04969                      371694.45
3810030.14        0.05038
         371695.48    3810007.64        0.05103                      371696.51
3809985.14        0.05164
         371697.54    3809962.64        0.05222                      371698.56
3809940.14        0.05275
         371699.59    3809917.64        0.05323                      371781.95
3810099.34        0.04147
         371761.25    3810138.61        0.04170                      371668.12
3810315.32        0.04112
         371564.64    3810511.67        0.03780                      371532.57
3810535.87        0.03805
         371445.68    3810554.11        0.04076                      371402.24
3810563.23        0.04210
         371358.80    3810572.35        0.04341                      371315.36
3810581.48        0.04467
         371271.91    3810590.60        0.04589                      371228.47
3810599.72        0.04704
         371185.03    3810608.84        0.04812                      371141.58
3810617.96        0.04911
         371098.14    3810627.08        0.04999                      371793.32
3810057.20        0.04179
         371794.35    3810034.70        0.04227                      371795.38
3810012.20        0.04271
         371796.40    3809989.70        0.04313                      371797.43
3809967.20        0.04352
         371798.46    3809944.70        0.04389                      371799.49
3809922.20        0.04422
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371214.78	3809870.57	0.31750	371243.11	3809869.32	0.25131
371229.45	3809846.30	0.28371	371267.21	3809866.99	0.21481
371257.78	3809845.06	0.23179	371288.89	3809854.93	0.19184
371294.45	3809877.16	0.18272	371279.28	3809832.30	0.20556
371375.20	3809805.13	0.13459	371381.37	3809829.84	0.12970
371387.55	3809854.55	0.12473	371393.73	3809879.25	0.11972
371365.28	3809781.27	0.14141	371461.31	3809754.57	0.10197
371467.73	3809780.23	0.09922	371474.14	3809805.89	0.09637
371480.56	3809831.55	0.09344	371486.97	3809857.21	0.09046
371493.38	3809882.86	0.08745	371451.28	3809730.24	0.10580
371547.19	3809703.07	0.08043	371553.37	3809727.78	0.07894
371559.55	3809752.48	0.07735	371565.72	3809777.19	0.07570
371571.90	3809801.90	0.07399	371578.08	3809826.61	0.07223
371584.25	3809851.31	0.07042	371590.43	3809876.02	0.06859
371537.28	3809679.20	0.08266	371633.26	3809652.32	0.06514
371639.58	3809677.59	0.06425	371645.90	3809702.86	0.06329
371652.21	3809728.12	0.06227	371658.53	3809753.39	0.06119
371664.85	3809778.66	0.06006	371671.16	3809803.93	0.05888
371677.48	3809829.20	0.05767	371683.80	3809854.47	0.05643
371690.11	3809879.74	0.05516	371623.27	3809628.17	0.06653
371719.31	3809601.48	0.05390	371725.72	3809627.14	0.05337
371732.14	3809652.80	0.05278	371738.55		

3809678.45   0.05214
         371744.97   3809704.11   0.05145   371751.38
3809729.77   0.05071
         371757.79   3809755.43   0.04994   371764.21
3809781.08   0.04913
         371770.62   3809806.74   0.04829   371777.04
3809832.40   0.04742
         371783.45   3809858.06   0.04652   371789.86
3809883.72   0.04561
         371709.27   3809577.14   0.05479   371346.42
3809991.86   0.12470
         371426.40   3810051.89   0.08866   371506.38
3810111.91   0.06778
         371586.37   3810171.93   0.05421   371666.35
3810231.95   0.04471
         371225.42   3809816.25   0.29804   371228.18
3809792.75   0.29418
         371230.94   3809769.26   0.28995   371233.69
3809745.77   0.28541
         371236.45   3809722.27   0.28055   371250.25
3809819.16   0.24748
         371253.01   3809795.67   0.24575   371255.77
3809772.17   0.24352
         371258.52   3809748.68   0.24087   371261.28
3809725.19   0.23780
         371277.84   3809798.58   0.21118   371280.60
3809775.09   0.21000
         371283.35   3809751.59   0.20837   371286.11
3809728.10   0.20632
         371302.67   3809801.49   0.18491   371305.43
3809778.00   0.18431
         371308.18   3809754.51   0.18329   371310.94
3809731.01   0.18188
         371370.51   3809941.67   0.12234   371401.99
3809813.15   0.12143
         371404.74   3809789.65   0.12156   371407.50
3809766.16   0.12143

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010

, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371410.26   3809742.67   0.12104   371476.46
3809936.74   0.08800
         371459.89   3809978.20   0.08856   371443.32
3810019.66   0.08839
         371504.06   3809801.31   0.08852   371506.82
3809777.81   0.08855
         371509.58   3809754.32   0.08842   371575.17
3809949.93   0.06796
         371566.57   3809971.43   0.06821   371557.98
3809992.92   0.06837
         371549.39   3810014.42   0.06841   371532.20
3810057.41   0.06817
         371523.61   3810078.91   0.06788   371603.38
3809812.96   0.06832
         371606.14   3809789.47   0.06837   371608.89
3809765.98   0.06832
         371667.50   3809979.05   0.05481   371651.39
3810019.36   0.05505
         371627.22   3810079.82   0.05497   371611.11
3810120.12   0.05462
         371702.70   3809824.62   0.05483   371705.46
3809801.12   0.05488
         371708.21   3809777.63   0.05486   371774.42
3809971.70   0.04518
         371757.85   3810013.16   0.04549   371716.41
3810116.81   0.04555
         371699.84   3810158.27   0.04529   371683.27
3810199.72   0.04487
         371802.02   3809836.27   0.04528   371804.78
3809812.78   0.04531
         371807.53   3809789.28   0.04530   371241.61
3809695.52   0.27079
         371238.97   3809652.85   0.27494   371236.33
3809610.18   0.27730

```
         371233.69    3809567.51        0.27758                      371266.56
3809693.97        0.23092
         371263.92    3809651.30        0.23388                      371261.28
3809608.63        0.23517
         371258.64    3809565.96        0.23455                      371291.52
3809692.43        0.20119
         371288.88    3809649.76        0.20343                      371286.24
3809607.09        0.20415
         371283.60    3809564.42        0.20318                      371315.33
3809704.99        0.17875
         371315.15    3809669.55        0.17897                      371312.51
3809626.88        0.18006
         371309.87    3809584.21        0.17973                      371414.77
3809703.52        0.11989
         371414.96    3809663.37        0.11988                      371412.32
3809620.70        0.12027
         371409.68    3809578.03        0.11984                      371514.39
3809699.70        0.08795
         371514.77    3809657.20        0.08787                      371512.13
3809614.53        0.08805
         371509.49    3809571.86        0.08774                      371614.38
3809691.17        0.06809
         371611.36    3809728.80        0.06836                      371611.94
3809608.35        0.06812
         371609.30    3809565.68        0.06792                      371714.08
3809686.34        0.05475
         371710.84    3809726.66        0.05498                      371707.79
3809538.17        0.05447
         371813.81    3809681.17        0.04526                      371810.41
3809723.50        0.04545
         371807.01    3809765.83        0.04552                      371814.19
3809638.67        0.04518
         371811.55    3809596.00        0.04522                      371808.91
3809553.33        0.04513
         371220.42    3809538.97        0.30284                      371200.28
3809503.49        0.35718
         371252.23    3809544.37        0.24098                      371232.09
3809508.89        0.26930
         371273.97    3809532.04        0.20973                      371253.84
3809496.56        0.22906
         371299.99    3809534.09        0.18325                      371285.65
3809501.96        0.19194
         371265.51    3809466.48        0.20608                      371387.82
3809487.61        0.12277
         371398.09    3809522.16        0.12134                      371372.62
3809452.60        0.12561
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371352.49	3809417.12	0.12986	371475.16	3809439.50	0.08992
371486.16	3809476.50	0.08951	371497.16	3809513.51	0.08866
371459.59	3809403.25	0.09108	371439.46	3809367.77	0.09298
371562.34	3809390.83	0.06962	371573.75	3809429.21	0.06955
371585.16	3809467.59	0.06920	371596.57	3809505.97	0.06858
371546.56	3809353.90	0.07018	371526.43	3809318.42	0.07125
371648.95	3809340.27	0.05599	371659.65	3809376.26	0.05605
371670.35	3809412.24	0.05595	371681.04	3809448.22	0.05571
371691.74	3809484.20	0.05532	371633.54	3809304.54	0.05630
371613.40	3809269.06	0.05698	371736.08	3809291.44	0.04629
371747.08	3809328.45	0.04638	371758.08	3809365.46	0.04637
371769.09	3809402.46	0.04625	371780.09	3809439.47	0.04603
371791.09	3809476.48	0.04571	371802.09		

3809513.49 0.04529
371720.51 3809255.19 0.04648 371700.38
3809219.71 0.04695
371213.90 3809479.62 0.30340 371371.98
3809566.64 0.13685
371468.70 3809592.05 0.09940 371479.88
3809549.49 0.09471
371565.41 3809617.46 0.07643 371576.59
3809574.90 0.07366
371662.13 3809642.86 0.06104 371673.31
3809600.30 0.05929
371758.85 3809668.27 0.05012 371770.03
3809625.71 0.04896
371231.90 3809459.40 0.25426 371348.34
3809595.09 0.15217
371438.82 3809641.46 0.11038 371240.09
3809428.48 0.22735
371246.85 3809388.73 0.19899 371264.74
3809432.67 0.19681
371271.50 3809392.92 0.17603 371286.01
3809456.74 0.18208
371292.76 3809416.99 0.16610 371299.52
3809377.24 0.15026
371304.23 3809475.64 0.17037 371314.03
3809441.05 0.15628
371320.79 3809401.30 0.14349 371409.24
3809477.68 0.11317
371416.00 3809437.93 0.10699 371422.75
3809398.18 0.10076
371511.21 3809474.56 0.08350 371517.96
3809434.81 0.07996
371598.70 3809528.85 0.06884 371544.72
3809652.49 0.08097
371613.17 3809471.43 0.06503 371619.93
3809431.68 0.06279
371688.94 3809564.74 0.05698 371708.38
3809508.06 0.05394
371715.14 3809468.31 0.05250 371788.17
3809580.02 0.04707
371813.72 3809485.07 0.04403 371225.14
3809339.67 0.19235
371181.23 3809340.45 0.24623 371137.32
3809341.23 0.30732
371244.09 3809323.38 0.16702 371269.18
3809352.56 0.16230
371202.74 3809315.07 0.19375 371158.83
3809315.85 0.23348
371243.65 3809298.38 0.15523 371288.14
3809336.26 0.14460
371202.29 3809290.07 0.17548 371158.38

3809290.85   0.20448
         371243.21   3809273.38   0.14462   371282.01
3809290.78   0.13320
         371307.10   3809319.96   0.13043   371318.48
3809360.94   0.13538

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371201.85   3809265.08   0.16058   371157.94
3809265.86   0.18326
         371241.43   3809173.40   0.11226   371280.23
3809190.80   0.10688
         371319.03   3809208.19   0.10091   371357.84
3809225.59   0.09471
         371382.93   3809254.77   0.09325   371394.31
3809295.75   0.09619
         371405.68   3809336.72   0.09855   371200.07
3809165.09   0.12014
         371156.16   3809165.87   0.13162   371239.65
3809073.42   0.09060
         371278.46   3809090.81   0.08760   371317.26
3809108.21   0.08419
         371356.06   3809125.60   0.08047   371394.86
3809143.00   0.07658

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         371433.66    3809160.40        0.07262                    371458.76
3809189.58        0.07169
         371470.13    3809230.55        0.07359                    371481.51
3809271.53        0.07523
         371492.89    3809312.50        0.07655                    371504.27
3809353.47        0.07749
         371515.65    3809394.44        0.07804                    371198.30
3809065.11        0.09539
         371154.39    3809065.89        0.10255                    371237.88
3808973.43        0.07507
         371276.68    3808990.83        0.07323                    371315.48
3809008.22        0.07113
         371354.28    3809025.62        0.06879                    371393.09
3809043.02        0.06627
         371431.89    3809060.41        0.06362                    371470.69
3809077.81        0.06089
         371509.49    3809095.20        0.05816                    371534.58
3809124.39        0.05751
         371545.96    3809165.36        0.05884                    371557.34
3809206.33        0.06003
         371568.72    3809247.31        0.06103                    371580.10
3809288.28        0.06183
         371591.48    3809329.25        0.06241                    371602.86
3809370.22        0.06275
         371196.52    3808965.12        0.07829                    371152.61
3808965.90        0.08327
         371236.10    3808873.45        0.06331                    371274.90
3808890.84        0.06212
         371313.71    3808908.24        0.06078                    371352.51
3808925.64        0.05927
         371391.31    3808943.03        0.05760                    371430.11
3808960.43        0.05581
         371468.92    3808977.82        0.05391                    371507.72
3808995.22        0.05195
         371546.52    3809012.62        0.04996                    371585.32
3809030.01        0.04797
         371610.41    3809059.20        0.04751                    371621.79
3809100.17        0.04849
         371633.17    3809141.14        0.04937                    371644.55
3809182.11        0.05015
         371655.93    3809223.09        0.05081                    371667.31
3809264.06        0.05133
         371678.69    3809305.03        0.05171                    371690.07
3809346.01        0.05193
         371701.44    3809386.98        0.05198                    371712.82
3809427.95        0.05187
         371194.74    3808865.14        0.06558                    371150.83
3808865.92        0.06923
         371234.32    3808773.46        0.05400                    371273.13
3808790.86        0.05327
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         371311.93    3808808.25        0.05242                      371350.73
3808825.65        0.05144
         371389.53    3808843.05        0.05033                      371428.34
3808860.44        0.04911
         371467.14    3808877.84        0.04779                      371505.94
3808895.24        0.04639
         371544.74    3808912.63        0.04494                      371583.55
3808930.03        0.04345
         371622.35    3808947.42        0.04195                      371661.15
3808964.82        0.04045
         371686.24    3808994.00        0.04010                      371697.62
3809034.98        0.04085
         371709.00    3809075.95        0.04154                      371720.38
3809116.92        0.04216
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         371731.76    3809157.90        0.04270                      371743.14
3809198.87        0.04315
         371754.52    3809239.84        0.04350                      371765.89
3809280.81        0.04375
         371777.27    3809321.79        0.04390                      371788.65
3809362.76        0.04393
         371800.03    3809403.73        0.04385                      371811.41
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3809444.70 0.04366
371192.97 3808765.15 0.05558 371149.06
3808765.93 0.05824
371114.74 3809341.85 0.33238 371070.05
3809343.06 0.37519
371025.36 3809344.27 0.43350 371114.06
3809316.86 0.27246
371069.37 3809318.07 0.30875 371024.69
3809319.28 0.35774
371135.72 3809291.26 0.21964 371091.04
3809292.47 0.24955
371046.35 3809293.68 0.28244 371001.66
3809294.90 0.32986
371135.05 3809266.27 0.19541 371090.36
3809267.48 0.22006
371045.67 3809268.69 0.24736 371000.99
3809269.91 0.28211
371132.33 3809166.30 0.13812 371087.64
3809167.52 0.15114
371042.96 3809168.73 0.16532 370998.27
3809169.94 0.18131
371129.62 3809066.34 0.10678 371084.93
3809067.55 0.11497
371040.24 3809068.77 0.12403 370995.56
3809069.98 0.13454
371126.90 3808966.38 0.08636 371082.22
3808967.59 0.09227
371037.53 3808968.80 0.09912 370992.84
3808970.02 0.10777
371124.19 3808866.41 0.07162 371079.50
3808867.63 0.07618
371034.82 3808868.84 0.08179 370990.13
3808870.05 0.08955
371121.47 3808766.45 0.06006 371076.79
3808767.66 0.06342
371032.10 3808768.88 0.06763 370987.41
3808770.09 0.07359
371028.69 3809369.08 0.55938 371053.68
3809368.30 0.52304
371078.66 3809367.51 0.49404 371103.65
3809366.72 0.46512
371203.60 3809363.57 0.24269 371601.97
3809305.59 0.05998
370967.46 3809295.55 0.37882 371023.31
3809282.64 0.28371
370970.16 3809270.70 0.31300 371026.01
3809257.79 0.24657
370991.61 3809247.88 0.25707 370954.11
3809243.81 0.28110
371028.71 3809232.93 0.21806 371060.00

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3809248.67        0.21717
         370994.31    3809223.03        0.22645                       370956.81
3809218.95        0.24459
         371039.51    3809133.52        0.14864                       371070.79
3809149.25        0.14735
         371155.65    3809204.78        0.14805                       371168.94
3809237.18        0.15974
         371005.11    3809123.61        0.15357                       370967.60
3809119.54        0.16320
         371050.30    3809034.10        0.11211                       371159.81
3809089.17        0.10729
         371191.09    3809104.90        0.10551                       371229.02
3809136.84        0.10583
         371255.60    3809201.63        0.11613                       371268.89
3809234.03        0.12118
         371282.19    3809266.43        0.12582                       371015.91
3809024.20        0.11603
         370978.40    3809020.12        0.12346                       371062.14
3808935.21        0.08904
         371178.95    3808993.95        0.08483                       371212.32
3809010.73        0.08353
         371245.69    3809027.51        0.08201                       371279.06
3809044.30        0.08023
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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- - - -

```
         371087.13    3809036.94        0.10651                      371133.75
3809094.27        0.11345
         371157.05    3809122.93        0.11711                      371180.36
3809151.60        0.12071
         371041.98    3809005.32        0.10642                      371204.51
3809036.03        0.08889
         371252.04    3809094.49        0.09254                      371275.80
3809123.72        0.09390
         371299.56    3809152.95        0.09479                      371121.34
3808933.74        0.08159
         371087.84    3808916.45        0.08264                      371247.53
3808943.68        0.07029
         371327.87    3809042.49        0.07380                      371350.82
3809070.73        0.07432
         371373.77    3809098.96        0.07457                      371167.19
3808844.87        0.06540
         371133.69    3808827.58        0.06599                      371317.93
3808885.00        0.05834
         371387.85    3808971.00        0.06023                      371411.16
3808999.67        0.06054
         371434.46    3809028.33        0.06067                      371457.77
3809057.00        0.06063
         371179.55    3808738.72        0.05395                      370867.46
3809234.56        0.37246
         370843.15    3809230.50        0.41956                      370895.89
3809213.95        0.28747
         370871.58    3809209.90        0.30931                      370900.00
3809189.29        0.24989
         370875.69    3809185.24        0.26980                      370918.81
3809169.52        0.21734
         370879.80    3809160.58        0.24136                      370940.17
3809072.51        0.15258
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                 PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370896.26	3809061.94	0.17323	370959.07	3808974.69	0.11749
370937.02	3808967.36	0.12358	371012.28	3808888.26	0.08844
371051.48	3808901.29	0.08470	371011.93	3808784.04	0.07217
371053.94	3808798.00	0.06928	371095.94	3808811.96	0.06719
370945.62	3808766.03	0.08167	370921.31	3808761.97	0.08912
371008.43	3808678.78	0.05787	371030.48	3808686.10	0.05725
371052.54	3808693.43	0.05666	371074.59	3808700.76	0.05611
371096.64	3808708.09	0.05558	371118.69	3808715.42	0.05507
371140.75	3808722.75	0.05457	370986.38	3808671.45	0.05852
370962.07	3808667.39	0.05986	370937.76	3808663.34	0.06129
371339.04	3809255.16	0.10463	371439.04	3809255.16	0.08138
370908.89	3809261.42	0.38993	371333.84	3809341.70	0.12396
371397.80	3809452.69	0.11509	370889.69	3809134.21	0.21253
370883.21	3809090.99	0.19688	370876.73	3809047.77	0.18932
370914.42	3809130.50	0.19231	370907.93	3809087.28	0.17462
370898.21	3809022.45	0.15927	370942.38	3809148.40	0.18941
370935.90	3809105.18	0.16817	370926.17	3809040.35	0.14747
370965.18	3809161.78	0.18866	370950.90	3809036.65	0.13642
371059.08	3809191.38	0.17325	371062.76	3809108.25	0.13262
371151.92	3809028.59	0.09479	371259.17		

3809141.21   0.10062
         371257.30   3809056.97   0.08515   371355.47
3809149.44   0.08380
         371338.65   3809298.98   0.11328   371349.71
3808998.92   0.06648
         371456.96   3809111.54   0.06512   371445.42
3809214.07   0.07608
         371436.20   3809296.10   0.08628   371431.58
3809337.12   0.09178
         371451.85   3809005.69   0.05730   370877.58
3809012.03   0.17839
         370881.83   3808989.54   0.16754   370890.34
3808944.56   0.14927
         370894.60   3808922.07   0.14170   370898.85
3808899.59   0.13479
         370914.91   3808949.21   0.13069   370919.16
3808926.72   0.12409
         370923.42   3808904.23   0.11791   370931.93
3808859.26   0.10600
         370930.96   3808998.84   0.13356   370943.73
3808931.37   0.11363
         370947.98   3808908.88   0.10791   370956.49
3808863.90   0.09713
         370955.53   3809003.48   0.12556   370968.29
3808936.02   0.10669
         370976.80   3808891.04   0.09618   371173.32
3808928.22   0.07538
         371267.32   3808969.30   0.07150   371344.30
3809100.33   0.07894
         371459.58   3809028.97   0.05832   370904.45
3808837.47   0.12059
         370892.30   3808816.40   0.12915   370880.14
3808795.33   0.13982
         370926.11   3808824.98   0.10254   370913.95
3808803.91   0.10499
         370901.80   3808782.84   0.10761   370950.67
3808829.62   0.09295
         370935.61   3808791.41   0.09072   370973.30
3808822.84   0.08533
         370977.18   3808845.70   0.08832   370969.42
3808799.99   0.08223

YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
371056.04	3808750.02	0.06298	371158.18	3808791.46	0.06025
371162.05	3808814.32	0.06240	371142.66	3808700.05	0.05242
371130.50	3808678.98	0.05115	371118.35	3808657.91	0.04988
371233.16	3808672.93	0.04636	371237.04	3808695.79	0.04781
371240.92	3808718.64	0.04931	371244.80	3808741.49	0.05086
371264.19	3808855.76	0.05950	371229.28	3808650.08	0.04496
371217.12	3808629.01	0.04400	371204.97	3808607.94	0.04304
371319.78	3808622.96	0.04021	371323.66	3808645.82	0.04132
371327.54	3808668.67	0.04245	371331.42	3808691.52	0.04362
371335.29	3808714.38	0.04483	371339.17	3808737.23	0.04607
371343.05	3808760.09	0.04735	371346.93	3808782.94	0.04867
371315.90	3808600.11	0.03914	371303.74	3808579.04	0.03842
371291.59	3808557.97	0.03771	371406.40	3808572.99	0.03522
371410.28	3808595.85	0.03607	371414.16	3808618.70	0.03695
371418.04	3808641.55	0.03784	371421.91	3808664.41	0.03876

371425.79	3808687.26	0.03969	371429.67	3808710.12	0.04065
371433.55	3808732.97	0.04163	371437.43	3808755.82	0.04263
371441.31	3808778.68	0.04366	371445.19	3808801.53	0.04470
371449.07	3808824.38	0.04577	371452.95	3808847.24	0.04686
371464.58	3808915.80	0.05023	371402.52	3808550.14	0.03439
371390.36	3808529.07	0.03386	371378.21	3808508.00	0.03332
370877.65	3808756.30	0.12010	370874.81	3808731.98	0.10524
370871.97	3808707.67	0.08900	370899.64	3808729.09	0.08742
370896.80	3808704.77	0.07860	370924.47	3808726.19	0.07778
370921.63	3808701.88	0.07186	370949.30	3808723.29	0.07162
370946.47	3808698.98	0.06712	371255.79	3808761.45	0.05186
371448.77	3808689.64	0.03893	371445.93	3808665.33	0.03794
371443.09	3808641.02	0.03697	370845.48	3808685.63	0.08034
370821.17	3808687.25	0.08082	370861.47	3808666.41	0.06949
370859.81	3808641.46	0.06174	370903.95	3808669.24	0.06604
370858.14	3808616.52	0.05619	370893.45	3808627.98	0.05759
370874.19	3808524.10	0.04387	370914.54	3808537.20	0.04496
370954.89	3808550.29	0.04564	370985.17	3808575.49	0.04736
371005.38	3808612.79	0.05043	371025.59	3808650.09	0.05347
370890.74	3808431.85	0.03672	370933.11	3808445.60	0.03755
370975.48	3808459.35	0.03819	371017.85	3808473.10	0.03863
371049.64	3808499.55	0.03987	371070.86	3808538.72	0.04212
371092.08	3808577.88	0.04442	371113.29	3808617.05	0.04674
370907.45	3808339.65	0.03169	370929.18	3808346.70	0.03202
370950.91	3808353.75	0.03234	370972.63	3808360.80	0.03262

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370994.36	3808367.85	0.03288	371016.09	3808374.90	0.03311
371037.82	3808381.95	0.03330	371059.54	3808389.00	0.03347
371081.27	3808396.05	0.03360	371113.88	3808423.19	0.03454
371124.76	3808443.27	0.03540	371135.64	3808463.36	0.03626
371146.52	3808483.44	0.03714	371157.40	3808503.52	0.03803
371168.28	3808523.61	0.03893	371179.16	3808543.69	0.03984
371190.04	3808563.78	0.04075	371200.92	3808583.86	0.04166
370924.23	3808247.48	0.02785	370946.29	3808254.64	0.02812
370968.36	3808261.80	0.02837	370990.43	3808268.96	0.02861
371012.49	3808276.12	0.02883	371034.56	3808283.28	0.02902
371056.63	3808290.44	0.02920	371078.70		

3808297.60 0.02935
371100.76 3808304.75 0.02948 371122.83
3808311.91 0.02959
371144.90 3808319.07 0.02968 371178.01
3808346.63 0.03040
371189.06 3808367.03 0.03108 371200.11
3808387.43 0.03176
371211.16 3808407.83 0.03245 371222.21
3808428.23 0.03315
371233.26 3808448.62 0.03385 371244.32
3808469.02 0.03456
371255.37 3808489.42 0.03527 371266.42
3808509.82 0.03599
371277.47 3808530.22 0.03671 370918.74
3808148.07 0.02456
370941.04 3808155.31 0.02479 370963.34
3808162.54 0.02500
370985.64 3808169.78 0.02521 371007.94
3808177.02 0.02541
371030.24 3808184.25 0.02560 371052.53
3808191.49 0.02577
371074.83 3808198.72 0.02592 371097.13
3808205.96 0.02606
371119.43 3808213.19 0.02618 371141.73
3808220.43 0.02629
371164.03 3808227.66 0.02637 371186.33
3808234.90 0.02644
371208.63 3808242.13 0.02649 371242.09
3808269.98 0.02706
371253.26 3808290.59 0.02760 371264.43
3808311.21 0.02815
371275.59 3808331.82 0.02870 371286.76
3808352.43 0.02925
371297.93 3808373.05 0.02981 371309.09
3808393.66 0.03037
371320.26 3808414.27 0.03093 371331.43
3808434.89 0.03150
371342.59 3808455.50 0.03206 371353.76
3808476.11 0.03263
370807.24 3808111.90 0.02333 370782.93
3808113.52 0.02331
370850.78 3808734.63 0.14932 370853.16
3808759.51 0.18607
370861.00 3809110.37 0.24023 370826.58
3808651.51 0.06458
370934.22 3808562.55 0.04728 370954.83
3808592.62 0.05010
370975.43 3808622.70 0.05286 370903.31
3808517.43 0.04318
370971.99 3808481.43 0.03974 370992.59

3808511.51   0.04169
         371013.20   3808541.59   0.04365   371033.81
3808571.67   0.04561
         371054.41   3808601.74   0.04754   371075.02
3808631.82   0.04941
         371095.62   3808661.90   0.05123   371095.69
3808788.77   0.06442
         370930.77   3808421.27   0.03603   371009.75
3808400.31   0.03445

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         371030.36   3808430.39   0.03591   371050.96
3808460.47   0.03741
         371071.57   3808490.55   0.03891   371092.18
3808520.63   0.04043
         371112.78   3808550.71   0.04193   371133.39
3808580.78   0.04342
         371154.00   3808610.86   0.04489   371174.60
3808640.94   0.04633
         371195.21   3808671.02   0.04774   371105.23
3808888.31   0.07646
         371015.19   3808978.74   0.10516   370958.24
3808325.12   0.03099

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         370922.70    3808314.97        0.03057                    370996.00
3808244.00        0.02767
         371047.52    3808319.20        0.03040                    371068.12
3808349.28        0.03156
         371212.37    3808559.82        0.03992                    371232.97
3808589.90        0.04108
         371253.58    3808619.98        0.04222                    371274.18
3808650.06        0.04332
         371294.79    3808680.14        0.04440                    371320.58
3808781.17        0.04994
         371114.77    3808987.86        0.09180                    371089.04
3809013.69        0.10077
         370967.93    3808223.89        0.02699                    371023.46
3808147.85        0.02451
         371074.98    3808223.04        0.02671                    371095.58
3808253.12        0.02763
         371116.19    3808283.20        0.02857                    371342.86
3808614.06        0.03900
         371363.47    3808644.14        0.03984                    371384.07
3808674.22        0.04063
         371404.68    3808704.30        0.04137                    371420.16
3808790.29        0.04535
         371394.44    3808816.12        0.04828                    371291.53
3808919.47        0.06368
         371175.76    3809035.73        0.09284                    371111.45
3809100.32        0.11958
         371085.72    3809126.15        0.13400                    371021.41
3809190.74        0.18667
         370931.37    3809281.17        0.40218                    370995.39
3808127.73        0.02397
         370822.83    3808712.19        0.11405                    370847.14
3808710.57        0.10914
         370858.49    3808807.82        0.25590                    370882.80
3808849.96        0.16601
         370848.76    3809029.87        0.31038                    370868.21
3809159.53        0.31641
         370839.04    3809234.09        0.57138                    370839.04
3809255.16        0.69119
         370887.66    3809263.27        0.52063                    370937.91
3809289.20        0.46723
         370946.01    3809318.37        0.68288                    371002.27
3809324.48        0.46850
         371003.70    3809369.87        0.81355                    371137.76
3809366.23        0.53807
         371225.58    3809364.67        0.12826                    371212.07
3809444.17        0.23171
         371189.72    3809473.27        0.40702                    371178.54
3809515.83        0.61241
         371208.74    3809569.05        0.44153                    371216.66
3809697.06        0.42128
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         371211.62    3809719.36        0.43092                      371195.08
3809860.32        0.45196
         371186.45    3809871.82        0.53842                      371200.11
3809894.84        0.47041
         371192.92    3810052.34        0.19342                      371165.59
3810045.87        0.28445
         371154.09    3810042.27        0.34377                      371154.09
3810059.53        0.23882
         371146.18    3810064.57        0.23364                      371023.91
3810055.93        0.44572
         371015.28    3810023.57        0.59653                      370757.81
3809977.54        0.75249
         370666.48    3810060.97        0.59069                      370592.02
3810093.12        0.52966
         370548.02    3810093.97        0.52708                      370528.56
3810117.66        0.40825
         370503.18    3810116.81        0.40639                      370485.41
3810093.97        0.51685
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         370430.41    3810099.89        0.48439                      370313.65
3810112.58        0.43506
         370298.42    3810126.97        0.37058                      370223.96
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3810150.66 0.33591
370196.04 3810181.96 0.25065 370170.66
3810183.66 0.25278
370135.12 3810190.42 0.25955 370108.05
3810175.19 0.31525
370075.05 3810182.81 0.28765 369956.59
3810155.73 0.32171
369907.52 3810133.74 0.32143 369878.75
3810142.20 0.22308
369864.37 3810132.89 0.21530 369868.60
3810115.97 0.28625
369829.68 3810091.43 0.16565 369822.06
3810071.12 0.14245
369832.22 3810049.97 0.14592 369849.98
3810046.59 0.17282
370020.05 3810114.27 0.39271 370020.05
3810077.05 0.25335
370036.97 3810070.28 0.23759 370049.67
3810076.20 0.24828
370079.28 3810067.74 0.24059 370097.05
3810031.36 0.20787
370116.51 3810027.13 0.21150 370171.50
3810050.82 0.26675
370186.73 3810037.28 0.24222 370218.04
3810033.05 0.27433
370226.50 3810041.51 0.29945 370244.27
3810027.97 0.30099
370289.11 3810031.36 0.35356 370324.65
3810044.89 0.46173
370467.64 3810030.51 0.58489 370478.64
3810027.97 0.58479
370489.64 3810000.90 0.51583 370531.10
3809993.28 0.60414
370549.71 3809988.21 0.68690 370578.48
3809983.97 0.79206
370638.56 3809975.51 0.75489 370652.94
3809970.44 0.78126
370655.48 3809958.59 0.85828 370597.94
3809958.59 0.76639
370524.33 3809960.28 0.60408 370494.72
3809938.29 0.57891
370450.72 3809941.67 0.44538 370431.26
3809942.52 0.40873
370427.03 3809924.75 0.40883 370430.41
3809906.13 0.43066
370408.41 3809902.75 0.38798 370394.03
3809710.68 0.40889
370394.88 3809696.30 0.40087 370402.49
3809685.30 0.42237
370426.18 3809701.38 0.59660 370426.18

3809625.23   0.39994
         370439.72   3809600.69   0.36487   370503.18
3809546.54   0.43729
         370698.63   3809431.47   0.59930   370715.55
3809438.24   0.73659
         370766.32   3809401.01   0.81444   370767.16
3809342.63   0.69741
         370734.16   3809307.09   0.47412   370739.24
3809271.55   0.41863
         370795.93   3809270.71   0.64421   370795.93
3809163.25   0.35960
         370797.62   3808929.73   0.21450   370806.93
3808880.65   0.20100
         370809.47   3808845.12   0.18662   370813.70
3808830.73   0.19480
         370789.16   3808796.89   0.12183   370801.01
3808766.43   0.14132
         370809.47   3808708.05   0.09342   370812.85
3808699.59   0.08470
         370848.39   3808709.74   0.10661

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -

370795.73 3808683.73 0.16283m (23013024) 370772.52 3808674.46 0.14543m (23013024)
370799.76 3808653.91 0.14969 (21022824) 370749.30 3808665.18 0.13281m (23013024)
370767.60 3808645.43 0.13223m (23013024) 370788.75 3808631.46 0.13564 (21022824)
370815.57 3808629.07 0.14205 (21022824) 370726.09 3808655.91 0.12362m (23013024)
370744.39 3808636.15 0.12373m (23013024) 370762.69 3808616.40 0.12198 (21022824)
370786.67 3808608.22 0.12725 (21022824) 370813.49 3808605.83 0.13173 (21022824)
370633.22 3808618.80 0.10256 (22012824) 370651.53 3808599.05 0.10160 (22012824)
370669.83 3808579.30 0.10047m (23013024) 370688.13 3808559.55 0.09975m (23013024)
370706.43 3808539.80 0.09833m (23013024) 370733.67 3808519.25 0.09762 (21022824)
370760.49 3808516.86 0.10128 (21022824) 370787.31 3808514.46 0.10402 (21022824)
370814.13 3808512.07 0.10597 (20012724) 370840.95 3808509.67 0.11467 (20012724)
370540.36 3808581.70 0.09147 (22012824) 370558.66 3808561.95 0.09103 (22012824)
370576.97 3808542.20 0.09037 (22012824) 370595.27 3808522.45 0.08945 (22012824)
370613.57 3808502.70 0.08820 (22012824) 370631.87 3808482.95 0.08651 (22012824)
370650.17 3808463.20 0.08429 (22012824) 370668.47 3808443.44 0.08272m (23013024)
370689.61 3808429.48 0.08208m (23013024) 370716.43 3808427.09 0.08342 (21022824)
370743.25 3808424.69 0.08579 (21022824) 370770.07 3808422.30 0.08769 (21022824)
370796.89 3808419.90 0.08910 (21022824) 370823.71 3808417.51 0.09294 (20012724)
370850.53 3808415.11 0.09909 (20012724) 370877.35 3808412.72 0.10475 (20012724)
370447.50 3808544.60 0.08087 (22012824) 370465.80 3808524.85 0.08110 (22012824)
370484.10 3808505.10 0.08111 (22012824) 370502.40 3808485.35 0.08090 (22012824)
370520.71 3808465.60 0.08046 (22012824) 370539.01 3808445.85 0.07976 (22012824)
370557.31 3808426.09 0.07877 (22012824) 370575.61 3808406.34 0.07747 (22012824)
370593.91 3808386.59 0.07583 (22012824) 370612.21 3808366.84 0.07385 (22012824)
370630.51 3808347.09 0.07157 (22012824) 370654.49 3808338.91 0.07182m (23013024)

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        370681.31   3808336.52        0.07248m (23013024)               370708.13
3808334.12        0.07326  (21022824)
        370734.95   3808331.73        0.07496  (21022824)               370761.77
3808329.33        0.07637  (21022824)
        370788.60   3808326.94        0.07750  (21022824)               370815.42
3808324.55        0.07955  (20012724)
        370842.24   3808322.15        0.08443  (20012724)               370869.06
3808319.76        0.08913  (20012724)
        370895.88   3808317.36        0.09346  (20012724)               370354.64
3808507.50        0.07055  (22012824)
        370372.94   3808487.75        0.07131  (22012824)               370391.24
3808468.00        0.07187  (22012824)
        370409.54   3808448.25        0.07225  (22012824)               370427.84
3808428.50        0.07242  (22012824)
        370446.14   3808408.74        0.07239  (22012824)               370464.45
3808388.99        0.07215  (22012824)
        370482.75   3808369.24        0.07168  (22012824)               370501.05
3808349.49        0.07098  (22012824)
        370519.35   3808329.74        0.07004  (22012824)               370537.65
3808309.99        0.06884  (22012824)
        370555.95   3808290.24        0.06740  (22012824)               370574.25
3808270.49        0.06573  (22012824)
        370601.50   3808249.94        0.06359  (22012824)               370628.32
3808247.54        0.06400m (23013024)
        370655.14   3808245.15        0.06467m (23013024)               370681.96
3808242.75        0.06515m (23013024)
        370708.78   3808240.36        0.06556  (21022824)               370735.60
3808237.97        0.06683  (21022824)
        370762.42   3808235.57        0.06790  (21022824)               370789.24
3808233.18        0.06879  (21022824)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370816.06	3808230.78	0.07063	(20012724)	370842.88	3808228.39	0.07463	(20012724)
370869.70	3808226.00	0.07853	(20012724)	370896.52	3808223.60	0.08222	(20012724)
370923.34	3808221.21	0.08562	(20012724)	370261.77	3808470.40	0.06379	(21012024)
370280.08	3808450.65	0.06294	(21012024)	370298.38	3808430.90	0.06284	(22012824)
370316.68	3808411.15	0.06363	(22012824)	370334.98	3808391.39	0.06425	(22012824)
370353.28	3808371.64	0.06472	(22012824)	370371.58	3808351.89	0.06500	(22012824)
370389.88	3808332.14	0.06512	(22012824)	370408.19	3808312.39	0.06505	(22012824)
370426.49	3808292.64	0.06479	(22012824)	370444.79	3808272.89	0.06433	(22012824)
370463.09	3808253.14	0.06368	(22012824)	370481.39	3808233.39	0.06283	(22012824)
370499.69	3808213.63	0.06178	(22012824)	370517.99	3808193.88	0.06055	(22012824)
370536.30	3808174.13	0.05916	(22012824)	370557.44	3808160.17	0.05795	(22012824)
370584.26	3808157.77	0.05721	(22012824)	370611.08	3808155.38	0.05787m	(23013024)
370637.90	3808152.98	0.05851m	(23013024)	370664.72	3808150.59	0.05898m	(23013024)
370691.54	3808148.20	0.05927m	(23013024)	370718.36	3808145.80	0.05949	(21022824)
370745.18	3808143.41	0.06045	(21022824)	370772.00	3808141.01	0.06128	(21022824)
370798.82	3808138.62	0.06197	(21022824)	370825.64	3808136.22	0.06447	(20012724)
370852.46	3808133.83	0.06783	(20012724)	370879.28	3808131.44	0.07111	(20012724)
370906.10	3808129.04	0.07424	(20012724)	370932.92	3808126.65	0.07716	(20012724)
370959.74	3808124.25	0.07980	(20012724)	370784.73	3808704.46	0.16609m	(23013024)
370779.09	3808743.38	0.17393m	(23013024)	370759.99	3808700.88	0.14692m	(23013024)
370754.35	3808739.80	0.15444m	(23013024)	370735.25			

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3808697.29        0.13522m (23013024)
        370729.61   3808736.21        0.14237m (23013024)                370713.56
3808682.33        0.12556m (23013024)
        370707.68   3808713.17        0.13024m (23013024)                370702.04
3808752.09        0.13711m (23013024)
        370615.61   3808664.19        0.10660  (22012824)                370608.72
3808698.83        0.11032  (22012824)
        370603.08   3808737.75        0.11474  (22012824)                370517.15
3808647.96        0.09528  (22012824)
        370526.30   3808613.82        0.09315  (22012824)                370509.75
3808684.49        0.09766  (22012824)
        370504.11   3808723.41        0.10032  (22012824)                370418.49
3808632.48        0.08323  (22012824)
        370428.25   3808596.06        0.08219  (22012824)                370410.78
3808670.14        0.08549  (23021724)
        370405.14   3808709.06        0.08829  (23021724)                370319.72
3808617.38        0.07583m (22111524)
        370329.90   3808579.44        0.07277m (22111524)                370340.07
3808541.51        0.07074  (23021724)
        370311.82   3808655.80        0.07888m (22111524)                370306.18
3808694.72        0.08194m (22111524)
        370220.25   3808604.93        0.07148m (22111524)                370229.41
3808570.79        0.06959m (22111524)
        370238.56   3808536.65        0.06757m (22111524)                370247.72
3808502.51        0.06544m (22111524)
        370212.85   3808641.46        0.07346m (22111524)                370207.21
3808680.38        0.07555m (22111524)
        370771.79   3808772.60        0.17987m (22120324)                370748.49
3808763.53        0.15809m (23013024)
        370719.26   3808769.70        0.14688m (23013024)                370768.92
3808811.57        0.19264m (22120324)
        370793.46   3808845.41        0.24865m (22120324)                370744.13
3808814.76        0.17030m (23013024)
        370741.07   3808791.02        0.16197m (23013024)                370760.95
3808843.16        0.19607m (22120324)
        370721.61   3808823.70        0.16146m (23013024)                370740.71
3808857.84        0.18346m (22120324)
        370702.13   3808840.29        0.15776m (23013024)                370691.98
3808793.33        0.14331m (23013024)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
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, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370720.48   3808872.52        0.17516m (22120324)               370619.96
3808895.93        0.14527m (23013024)
        370605.38   3808859.20        0.13432m (23013024)               370593.19
3808802.84        0.12203  (22012824)
        370597.98   3808763.61        0.11750  (22012824)               370639.52
3808931.22        0.16035m (22120324)
        370539.46   3808955.79        0.14223m (22120324)               370525.79
3808921.35        0.13129m (22120324)
        370512.13   3808886.91        0.12274  (23021724)               370498.46
3808852.47        0.11562  (23021724)
        370493.87   3808816.86        0.11025  (23021724)               370498.35
3808780.07        0.10612  (23021724)
        370558.57   3808989.93        0.15580m (22120324)               370458.05
3809013.35        0.13983m (22120324)
        370443.47   3808976.61        0.12889m (22120324)               370428.89
3808939.87        0.11918m (22120324)
        370414.31   3808903.14        0.11168m (22111524)               370399.73
3808866.40        0.10568m (22111524)
        370394.84   3808828.41        0.10080m (22111524)               370399.62
3808789.18        0.09659m (22111524)
        370404.41   3808749.95        0.09230m (22111524)               370477.61
3809048.63        0.15300m (22120324)
        370376.80   3809071.29        0.13681m (22120324)               370361.61
3809033.02        0.12613m (22120324)
        370346.42   3808994.75        0.11666m (22120324)               370331.23
3808956.48        0.10822m (22120324)
        370316.04   3808918.22        0.10227m (22111524)               370300.86
3808879.95        0.09724m (22111524)
        370295.76   3808840.38        0.09341m (22111524)               370300.74
3808799.51        0.09042m (22111524)
        370305.73   3808758.65        0.08734m (22111524)               370310.72
3808717.78        0.08414m (22111524)
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        370396.66   3809107.34        0.14946m (22120324)                370296.14
3809130.76        0.13287m (22120324)
        370281.56   3809094.02        0.12333m (22120324)                370266.98
3809057.29        0.11479m (22120324)
        370252.40   3809020.55        0.10927  (22011524)                370237.82
3808983.81        0.10413  (22011524)
        370223.24   3808947.07        0.09930  (22011524)                370208.66
3808910.34        0.09471  (22011524)
        370196.48   3808853.98        0.08850  (22011524)                370201.26
3808814.75        0.08463  (22011524)
        370206.05   3808775.52        0.08120m (22111524)                370210.84
3808736.28        0.07919m (22111524)
        370315.70   3809166.05        0.14442m (22120324)                370621.82
3808774.33        0.12267m (23013024)
        370525.88   3808746.12        0.10540  (22012824)                370429.94
3808717.92        0.09162  (23021724)
        370334.00   3808689.72        0.08279m (22111524)                370238.06
3808661.52        0.07602m (22111524)
        370781.99   3808878.87        0.24278m (22120324)                370757.06
3808877.08        0.20599m (22120324)
        370612.52   3808816.81        0.12820m (23013024)                370316.18
3808779.36        0.08985m (22111524)
        370228.12   3808707.51        0.07852m (22111524)                370773.06
3808925.07        0.25089m (22120324)
        370748.50   3808920.41        0.21540m (22120324)                370723.93
3808915.75        0.19300m (22120324)
        370699.37   3808911.09        0.17705m (22120324)                370772.45
3808952.90        0.26357m (22120324)
        370772.28   3808976.25        0.27468m (22120324)                370772.11
3808999.61        0.28619m (22120324)
        370771.94   3809022.96        0.29853m (22120324)                370771.78
3809046.31        0.31207m (22120324)
        370771.61   3809069.66        0.32708m (22120324)                370771.44
3809093.01        0.34401m (22120324)
        370771.27   3809116.37        0.36341m (22120324)                370771.10
3809139.72        0.38602m (22120324)
        370770.93   3809163.07        0.41302m (22120324)                370747.45
3808952.72        0.22810m (22120324)
        370747.28   3808976.07        0.23821m (22120324)                370747.11
3808999.42        0.24885m (22120324)
        370746.95   3809022.78        0.26028m (22120324)                370746.78
3809046.13        0.27274m (22120324)
        370746.61   3809069.48        0.28654m (22120324)                370746.44
3809092.83        0.30200m (22120324)
        370746.27   3809116.18        0.31959m (22120324)                370746.10
3809139.54        0.33990m (22120324)
        370745.93   3809162.89        0.36378m (22120324)                370722.45
3808952.54        0.20615m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
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                           *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3809021.69 0.17650m (22120324)
370596.78 3809045.04 0.18482m (22120324) 370596.61
3809068.39 0.19374m (22120324)
370596.44 3809091.75 0.20335m (22120324) 370596.27
3809115.10 0.21372m (22120324)
370596.10 3809138.45 0.22492m (22120324) 370595.94
3809161.80 0.23704m (22120324)
370499.38 3808909.65 0.12420m (22120324) 370497.46
3808950.91 0.13285m (22120324)
370497.29 3808974.26 0.13826m (22120324) 370497.12
3808997.61 0.14396m (22120324)
370496.95 3809020.97 0.14999m (22120324) 370496.61
3809067.67 0.16309m (22120324)
370496.44 3809091.02 0.17024m (22120324) 370496.28
3809114.37 0.17784m (22120324)
370496.11 3809137.73 0.18591m (22120324) 370495.94
3809161.08 0.19451m (22120324)
370397.63 3808926.84 0.11266m (22111524) 370397.46
3808950.19 0.11641m (22120324)
370397.29 3808973.54 0.12067m (22120324) 370397.12
3808996.89 0.12513m (22120324)
370396.95 3809020.24 0.12981m (22120324) 370396.79
3809043.60 0.13472m (22120324)
370396.11 3809137.00 0.15692m (22120324) 370395.94
3809160.36 0.16322m (22120324)
370297.46 3808949.46 0.10462 (22011524) 370297.30
3808972.82 0.10750 (22011524)
370297.13 3808996.17 0.11034 (22011524) 370296.96
3809019.52 0.11336m (22120324)
370296.79 3809042.87 0.11715m (22120324) 370296.62
3809066.22 0.12109m (22120324)
370201.83 3808882.40 0.09158 (22011524) 370197.47
3808948.74 0.09767 (22011524)
370197.30 3808972.09 0.09984 (22011524) 370197.13
3808995.44 0.10199 (22011524)
370196.96 3809018.80 0.10415 (22011524) 370196.79
3809042.15 0.10633 (22011524)
370196.62 3809065.50 0.10852 (22011524) 370196.45
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370196.28 3809112.20 0.11297 (22011524) 370196.11
3809135.56 0.11526m (22120324)
370195.95 3809158.91 0.11872m (22120324) 370770.93
3809206.23 0.48260m (22120324)
370770.93 3809249.22 0.61178m (22120324) 370745.93
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3809206.23 0.38095m (22120324)
370720.93 3809249.22 0.45377m (22120324) 370695.93
3809206.23 0.34775m (22120324)
370695.93 3809249.22 0.40278m (22120324) 370595.93

3809184.74   0.25001m (22120324)
        370595.93   3809227.73   0.27721m (22120324)   370595.93
3809270.71   0.30864m (22120324)
        370495.93   3809184.74   0.20386m (22120324)   370495.93
3809227.73   0.22257m (22120324)
        370495.93   3809270.71   0.24391m (22120324)   370395.93
3809184.74   0.17021m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        370673.22   3809245.71        0.36425m (22120324)               370662.45
3809278.71        0.38684m (22120324)
        370648.48   3809242.17        0.33209m (22120324)               370664.94
3809211.72        0.32014m (22120324)
        370705.46   3809184.03        0.33466m (22120324)               370637.71
3809275.17        0.35203m (22120324)
        370549.48   3809228.02        0.24922m (22120324)               370565.94
3809197.57        0.24111m (22120324)
        370623.24   3809115.20        0.22590m (22120324)               370655.53
3809102.73        0.23571m (22120324)
        370538.71   3809261.02        0.26233m (22120324)               370450.49
3809213.87        0.19811m (22120324)
        370466.95   3809183.42        0.19266m (22120324)               370524.56
3809076.82        0.17364m (22120324)
        370557.16   3809040.14        0.17087m (22120324)               370621.76
3809015.21        0.18234m (22120324)
        370654.05   3809002.74        0.18974m (22120324)               370439.72
3809246.87        0.20682m (22120324)
        370351.49   3809199.72        0.16166m (22120324)               370367.95
3809169.27        0.15812m (22120324)
        370417.33   3809077.90        0.14687m (22120324)               370433.79
3809047.45        0.14301m (22120324)
        370466.71   3808986.54        0.13527m (22120324)               370571.83
3808933.92        0.14355m (22120324)
        370652.57   3808902.75        0.15626m (23013024)               370684.87
3808890.29        0.16396m (23013024)
        370340.72   3809232.72        0.16743m (22120324)               370252.50
3809185.57        0.13427m (22120324)
        370268.96   3809155.12        0.13201m (22120324)               370326.57
3809048.52        0.12302m (22120324)
        370343.03   3809018.07        0.12024m (22120324)               370367.72
3808972.39        0.11596m (22120324)
        370441.16   3808883.78        0.11201m (22111524)               370473.46
3808871.32        0.11384  (23021724)
        370521.90   3808852.62        0.11940  (23021724)               370554.20
3808840.16        0.12245  (23021724)
        370586.50   3808827.69        0.12499  (23021724)               370634.94
3808809.00        0.13174m (23013024)
        370667.24   3808796.53        0.13708m (23013024)               370241.73
3809218.57        0.13814m (22120324)
        370153.51   3809171.42        0.11317m (22120324)               370169.97
3809140.97        0.11213  (18123124)
        370219.34   3809049.60        0.10925  (22011524)               370260.49
3808973.46        0.10478  (22011524)
        370285.18   3808927.78        0.10115  (22011524)               370326.33
3808851.64        0.09720m (22111524)
        370358.94   3808814.95        0.09646m (22111524)               370423.53
3808790.03        0.09822m (22111524)
        370455.83   3808777.56        0.10058  (23021724)               370552.72
3808740.17        0.10851  (22012824)
```

370633.46 3808709.01 0.11435 (22012824) 370665.76
3808696.54 0.11774m (23013024)
370142.74 3809204.42 0.11581m (22120324) 370715.84
3809324.10 0.57723m (22120324)
370732.34 3809341.87 0.67185m (22120324) 370748.84
3809359.64 0.79252m (22120324)
370691.09 3809320.56 0.49486m (22120324) 370714.02
3809358.88 0.62139m (22120324)
370730.52 3809376.65 0.72616m (22120324) 370672.77
3809337.57 0.47829m (22120324)
370695.70 3809375.89 0.59883m (22120324) 370712.20
3809393.66 0.70060m (22120324)
370654.45 3809354.59 0.46938m (22120324) 370641.59
3809313.49 0.39684m (22120324)
370677.38 3809392.90 0.59023m (22120324) 370693.88
3809410.67 0.69536m (22120324)
*** AERMOD - VERSION 24142 *** *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I *** 08/07/25
*** AERMET - VERSION 22112 *** ***
*** 06:42:51

PAGE 138
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

3809488.80 0.47145m (22120324)
370500.29 3809466.39 0.41964m (22120324) 370493.28
3809443.97 0.37915m (22120324)
370486.27 3809421.55 0.34623m (22120324) 370479.25
3809399.14 0.31869m (22120324)
370472.24 3809376.72 0.29514m (22120324) 370465.23
3809354.31 0.27466m (22120324)
370458.22 3809331.89 0.25662m (22120324) 370451.20
3809309.47 0.24055m (22120324)
370444.19 3809287.06 0.22612m (22120324) 370514.32
3809511.22 0.54198m (22120324)
370530.82 3809528.99 0.66201m (22120324) 370434.18
3809557.35 0.46354m (22120324)
370427.32 3809535.43 0.41057m (22120324) 370420.47
3809513.51 0.37040m (22120324)
370413.61 3809491.59 0.33827m (22120324) 370406.75
3809469.67 0.31167m (22120324)
370399.90 3809447.75 0.28910m (22120324) 370393.04
3809425.84 0.26957m (22120324)
370386.18 3809403.92 0.25242m (22120324) 370379.33
3809382.00 0.23720m (22120324)
370372.47 3809360.08 0.22355m (22120324) 370365.61
3809338.16 0.21121m (22120324)
370358.76 3809316.25 0.20000m (22120324) 370351.90
3809294.33 0.18974m (22120324)
370345.04 3809272.41 0.18030m (22120324) 370441.04
3809579.26 0.53974m (22120324)
370360.61 3809624.48 0.38459m (22120324) 370353.47
3809601.64 0.35373m (22120324)
370346.33 3809578.81 0.32668m (22120324) 370339.19
3809555.98 0.30302m (22120324)
370332.04 3809533.15 0.28225m (22120324) 370324.90
3809510.32 0.26393m (22120324)
370317.76 3809487.49 0.24763m (22120324) 370310.62
3809464.66 0.23303m (22120324)
370303.47 3809441.82 0.21985m (22120324) 370296.33
3809418.99 0.20791m (22120324)
370289.19 3809396.16 0.19702m (22120324) 370282.05
3809373.33 0.18704m (22120324)
370274.90 3809350.50 0.17785m (22120324) 370267.76
3809327.67 0.16936m (22120324)
370260.62 3809304.83 0.16149m (22120324) 370253.48
3809282.00 0.15417m (22120324)
370246.33 3809259.17 0.14735m (22120324) 370367.76
3809647.31 0.41946m (22120324)
370384.26 3809665.08 0.48486m (22120324) 370400.76
3809682.85 0.57666m (22120324)
370287.46 3809692.93 0.30134m (22120324) 370280.45
3809670.52 0.28717m (22120324)
370273.44 3809648.10 0.27335m (22120324) 370266.42

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3809625.69        0.26005m (22120324)
        370259.41   3809603.27        0.24735m (22120324)                370252.40
3809580.85        0.23533m (22120324)
        370245.39   3809558.44        0.22400m (22120324)                370238.37
3809536.02        0.21336m (22120324)
        370231.36   3809513.60        0.20339m (22120324)                370224.35
3809491.19        0.19405m (22120324)
        370217.34   3809468.77        0.18531m (22120324)                370210.32
3809446.35        0.17712m (22120324)
        370203.31   3809423.94        0.16945m (22120324)                370196.30
3809401.52        0.16225m (22120324)
        370189.29   3809379.11        0.15548m (22120324)                370182.27
3809356.69        0.14912m (22120324)
        370175.26   3809334.27        0.14312m (22120324)                370168.25
3809311.86        0.13747m (22120324)
        370161.23   3809289.44        0.13213m (22120324)                370154.22
3809267.02        0.12709m (22120324)
        370147.21   3809244.61        0.12232m (22120324)                370294.48
3809715.35        0.31571m (22120324)
        370310.98   3809733.12        0.34341m (22120324)                370327.48
3809750.89        0.37537m (22120324)
        370741.32   3809400.65        0.87675m (22120324)                370266.37
3809393.82        0.18651m (22120324)
        370166.66   3809372.92        0.14761m (22120324)                370571.99
3809171.50        0.23034m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370538.15	3809196.32	0.22686m	(22120324)	370436.80	3809022.62	0.13779m	(22120324)
370864.14	3809066.86	0.38825m	(22120324)	370901.29	3808974.02	0.27754	(20012724)
370938.44	3808881.18	0.22872	(20012724)	370666.40	3809421.43	0.64587m	(22120324)
370646.86	3809432.94	0.62990m	(22120324)	370627.31	3809444.45	0.61592m	(22120324)
370568.68	3809478.97	0.57820m	(22120324)	370549.13	3809490.48	0.56552m	(22120324)
370490.50	3809525.00	0.52251m	(22120324)	370653.72	3809399.89	0.55171m	(22120324)
370634.17	3809411.40	0.53763m	(22120324)	370614.63	3809422.90	0.52550m	(22120324)
370575.54	3809445.92	0.50392m	(22120324)	370555.99	3809457.42	0.49344m	(22120324)
370536.45	3809468.93	0.48279m	(22120324)	370477.81	3809503.45	0.44688m	(22120324)
370676.77	3809361.76	0.52428m	(22120324)	370641.03	3809378.35	0.48436m	(22120324)
370621.49	3809389.85	0.47178m	(22120324)	370601.94	3809401.36	0.46097m	(22120324)
370543.31	3809435.88	0.43268m	(22120324)	370523.76	3809447.39	0.42336m	(22120324)
370465.13	3809481.91	0.39258m	(22120324)	370628.35	3809356.80	0.43178m	(22120324)
370608.81	3809368.31	0.42071m	(22120324)	370550.17	3809402.83	0.39403m	(22120324)
370530.63	3809414.34	0.38587m	(22120324)	370511.08	3809425.84	0.37762m	(22120324)
370452.45	3809460.37	0.35087m	(22120324)	370618.74	3809252.35	0.31304m	(22120324)
370558.07	3809282.14	0.28861m	(22120324)	370518.98	3809305.15	0.27787m	(22120324)
370499.44	3809316.66	0.27273m	(22120324)	370440.80	3809351.18	0.25721m	(22120324)
370421.26	3809362.68	0.25184m	(22120324)	370401.71	3809374.19	0.24632m	(22120324)
370632.76	3809145.87	0.24773m	(22120324)	370654.34	3809139.10	0.25635m	(22120324)
370546.43	3809172.95	0.21938m	(22120324)	370370.52	3809276.51	0.19079m	(22120324)
370560.44	3809066.46	0.18086m	(22120324)	370625.19	3809046.16	0.19543m	(22120324)
370646.78	3809039.39	0.20133m	(22120324)	370456.60	3809109.79	0.16508m	(22120324)

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        370437.06   3809121.29        0.16322m (22120324)                370339.33
3809178.83        0.15312m (22120324)
        370319.79   3809190.34        0.15093m (22120324)                370574.46
3808959.98        0.15117m (22120324)
        370794.94   3808953.51        0.32494m (22120324)                370862.01
3808963.82        0.35801m (22120324)
        370347.23   3809058.13        0.12846m (22120324)                370249.51
3809115.67        0.12135m (22120324)
        370545.31   3808867.04        0.12550  (23021724)                370566.89
3808860.27        0.12791  (23021724)
        370631.64   3808839.96        0.13694m (23013024)                370675.58
3808836.63        0.14804m (23013024)
        370899.16   3808870.97        0.24489  (20012724)                370374.68
3808925.93        0.10982m (22111524)
        370355.13   3808937.44        0.10873m (22111524)                370471.09
3809541.06        0.51773m (22120324)
        370454.86   3809522.04        0.43907m (22120324)                370407.26
3809562.65        0.41253m (22120324)
        370391.04   3809543.64        0.36094m (22120324)                370390.67
3809511.08        0.32935m (22120324)
        370357.49   3809407.94        0.23675m (22120324)                370325.76
3809435.01        0.22995m (22120324)
        370322.63   3809308.23        0.18323m (22120324)                370292.58
3809331.87        0.17916m (22120324)
        370244.99   3809372.48        0.17265m (22120324)                370271.89
3809222.05        0.14603m (22120324)
        370221.16   3809135.88        0.11962m (22120324)                370115.17
3809220.34        0.11306m (22120324)
        370127.89   3809080.01        0.10207  (22011524)                370156.25
3809059.81        0.10376  (22011524)
        370097.85   3809103.66        0.09973  (22011524)                370066.12
3809130.73        0.09690  (18123124)
        370417.83   3809588.61        0.48465m (22120324)                370404.29
3809613.15        0.48733m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
370389.17	3809588.81	0.40939m (22120324)	370374.05	3809564.46	0.35546m (22120324)
370359.71	3809543.13	0.31829m (22120324)	370272.16	3809494.82	0.22068m (22120324)
370287.25	3809476.31	0.22321m (22120324)	370257.84	3809516.34	0.21909m (22120324)
370185.54	3809445.35	0.16746m (22120324)	370219.51	3809403.71	0.17085m (22120324)
370170.28	3809468.03	0.16635m (22120324)	370097.73	3809397.36	0.13313m (22120324)
370114.20	3809377.17	0.13435m (22120324)	370130.67	3809356.98	0.13543m (22120324)
370147.14	3809336.79	0.13635m (22120324)	370082.72	3809419.72	0.13243m (22120324)
370010.65	3809348.46	0.10916m (22120324)	370028.07	3809327.11	0.11008m (22120324)
370045.49	3809305.76	0.11090m (22120324)	370062.91	3809284.40	0.11161m (22120324)
370080.33	3809263.05	0.11221m (22120324)	370097.75	3809241.69	0.11269m (22120324)
369995.17	3809371.41	0.10865m (22120324)	369922.87	3809300.42	0.09146m (22120324)
369939.86	3809279.60	0.09213m (22120324)	369956.84	3809258.78	0.09274m (22120324)
369973.83	3809237.96	0.09328m (22120324)	369990.81	3809217.14	0.09374m (22120324)
370007.80	3809196.32	0.09413m (22120324)	370024.78	3809175.50	0.09444m (22120324)
370041.77	3809154.68	0.09493 (18123124)	369907.61	3809323.10	0.09109m (22120324)
370401.18	3809644.27	0.52661m (22120324)	370376.18	3809701.38	0.48539m (22120324)
370351.18	3809663.30	0.39213m (22120324)	370351.18	3809701.38	0.41233m (22120324)
370330.33	3809609.13	0.32376m (22120324)	370326.18	3809644.27	0.33641m (22120324)
370326.18	3809682.34	0.35345m (22120324)	370230.33		

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3809609.13        0.22758m (22120324)
        370226.18   3809644.27        0.23290m (22120324)                370226.18
3809682.34        0.24078m (22120324)
        370130.85   3809607.11        0.17472m (22120324)                370140.18
3809570.88        0.17291m (22120324)
        370149.51   3809534.65        0.17060m (22120324)                370158.84
3809498.42        0.16777m (22120324)
        370126.18   3809644.27        0.17815m (22120324)                370126.18
3809682.34        0.18340m (22120324)
        370030.70   3809607.66        0.14071m (22120324)                370039.75
3809572.53        0.13948m (22120324)
        370048.80   3809537.39        0.13804m (22120324)                370057.85
3809502.26        0.13638m (22120324)
        370066.90   3809467.13        0.13448m (22120324)                370026.18
3809644.27        0.14326m (22120324)
        370026.18   3809682.34        0.14725m (22120324)                369930.62
3809607.98        0.11653m (22120324)
        369939.51   3809573.47        0.11562m (22120324)                369948.40
3809538.96        0.11462m (22120324)
        369957.29   3809504.46        0.11352m (22120324)                369966.18
3809469.95        0.11229m (22120324)
        369975.06   3809435.44        0.11091m (22120324)                369983.95
3809400.94        0.10941m (22120324)
        369926.18   3809644.27        0.11849m (22120324)                369926.18
3809682.34        0.12161m (22120324)
        369830.85   3809607.11        0.09818m (22120324)                369840.18
3809570.88        0.09750m (22120324)
        369849.51   3809534.65        0.09677m (22120324)                369858.84
3809498.42        0.09595m (22120324)
        369868.18   3809462.19        0.09504m (22120324)                369877.51
3809425.95        0.09403m (22120324)
        369886.84   3809389.72        0.09292m (22120324)                369896.17
3809353.49        0.09170m (22120324)
        369826.18   3809644.27        0.09965m (22120324)                369826.18
3809682.34        0.10201m (22120324)
        370416.53   3809664.61        0.65047m (22120324)                370269.95
3809550.81        0.23834m (22120324)
        370291.25   3809537.01        0.24908m (22120324)                370355.13
3809495.60        0.28168m (22120324)
        370378.19   3809491.29        0.30031m (22120324)                370187.72
3809493.92        0.17832m (22120324)
        370240.95   3809459.41        0.19356m (22120324)                370262.24
3809445.61        0.19972m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370326.12	3809404.20	0.21771m	(22120324)	370409.52	3809403.37	0.26768m	(22120324)
370434.36	3809408.55	0.28928m	(22120324)	370459.20	3809413.74	0.31368m	(22120324)
370084.65	3809450.52	0.13698m	(22120324)	370106.87	3809436.12	0.14097m	(22120324)
370129.09	3809421.72	0.14503m	(22120324)	370151.31	3809407.32	0.14914m	(22120324)
370217.96	3809364.11	0.16147m	(22120324)	370240.18	3809349.71	0.16551m	(22120324)
370380.90	3809302.92	0.20437m	(22120324)	370406.82	3809308.33	0.21801m	(22120324)
370523.46	3809332.69	0.30044m	(22120324)	370588.26	3809346.22	0.37000m	(22120324)
370013.33	3809386.55	0.11350m	(22120324)	370035.36	3809372.27	0.11628m	(22120324)
370057.38	3809358.00	0.11909m	(22120324)	370079.41	3809343.72	0.12191m	(22120324)
370101.44	3809329.44	0.12474m	(22120324)	370123.47	3809315.16	0.12756m	(22120324)
370222.59	3809250.91	0.13979m	(22120324)	370374.94	3809207.21	0.17053m	(22120324)
370426.33	3809217.94	0.19080m	(22120324)	370529.12	3809239.41	0.24459m	(22120324)
370567.66	3809247.45	0.27168m	(22120324)	369930.96	3809329.74	0.09482m	(22120324)
369952.87	3809315.54	0.09685m	(22120324)	369974.77	3809301.35	0.09889m	(22120324)

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        369996.67   3809287.15        0.10093m (22120324)               370018.57
3809272.95        0.10298m (22120324)
        370040.47   3809258.76        0.10501m (22120324)               370062.37
3809244.56        0.10703m (22120324)
        370305.12   3809098.16        0.12838m (22120324)               370330.67
3809103.50        0.13437m (22120324)
        370356.22   3809108.83        0.14080m (22120324)               370471.19
3809132.84        0.17642m (22120324)
        370522.29   3809143.51        0.19709m (22120324)               370547.84
3809148.85        0.20904m (22120324)
        370650.03   3809170.19        0.27433m (22120324)               370675.58
3809175.52        0.29795m (22120324)
        370319.16   3809706.25        0.34993m (22120324)               370303.85
3809664.90        0.31340m (22120324)
        370199.63   3809671.75        0.22049m (22120324)               370194.38
3809698.88        0.22175m (22120324)
        370099.80   3809665.85        0.17033m (22120324)               370094.55
3809692.98        0.17170m (22120324)
        370000.27   3809659.10        0.13754m (22120324)               369994.73
3809687.08        0.13881m (22120324)
        369900.38   3809653.38        0.11385m (22120324)               369909.64
3809626.54        0.11368m (22120324)
        369894.90   3809681.18        0.11487m (22120324)               369800.51
3809647.59        0.09568m (22120324)
        369809.69   3809620.99        0.09562m (22120324)               369795.08
3809675.28        0.09639m (22120324)
        370370.90   3809736.56        0.48464m (22120324)               370372.69
3809760.56        0.49790m (22120324)
        370374.49   3809784.57        0.50586m (22120324)               370376.29
3809808.58        0.50538m (22120324)
        370378.09   3809832.59        0.49487m (22120324)               370379.88
3809856.60        0.47912m (22120324)
        370381.68   3809880.61        0.46482m (22120324)               370383.48
3809904.62        0.45512m (22120324)
        370347.76   3809762.43        0.42137m (22120324)               370349.56
3809786.44        0.42664m (22120324)
        370351.36   3809810.45        0.42773m (22120324)               370353.16
3809834.46        0.42482m (22120324)
        370354.95   3809858.47        0.41966m (22120324)               370356.75
3809882.47        0.41482m (22120324)
        370358.55   3809906.48        0.41248m (22120324)               370324.63
3809788.31        0.37310m (22120324)
        370326.43   3809812.31        0.37552m (22120324)               370328.23
3809836.32        0.37609m (22120324)
        370330.02   3809860.33        0.37573m (22120324)               370331.82
3809884.34        0.37584m (22120324)
        370333.62   3809908.35        0.37793m (22120324)               370297.90
3809766.16        0.32906m (22120324)
        370299.70   3809790.17        0.33359m (22120324)               370301.50
3809814.18        0.33691m (22120324)
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370306.89	3809886.21	0.34450m	(22120324)	370308.69	3809910.22	0.34932m	(22120324)
370194.59	3809725.61	0.22603m	(22120324)	370196.39	3809749.62	0.23068m	(22120324)
370198.18	3809773.63	0.23519m	(22120324)	370199.98	3809797.64	0.23966m	(22120324)
370201.78	3809821.65	0.24425m	(22120324)	370203.58	3809845.66	0.24919m	(22120324)
370205.37	3809869.66	0.25478m	(22120324)	370207.17	3809893.67	0.26152m	(22120324)
370208.97	3809917.68	0.27005m	(22120324)	370094.87	3809733.08	0.17684m	(22120324)
370096.66	3809757.09	0.18066m	(22120324)	370098.46	3809781.10	0.18465m	(22120324)
370100.26	3809805.10	0.18890m	(22120324)	370102.06	3809829.11	0.19355m	(22120324)
370103.85	3809853.12	0.19877m	(22120324)	370105.65	3809877.13	0.20480m	(22120324)
370107.45	3809901.14	0.21196m	(22120324)	370109.25			

3809925.15 0.22070m (22120324)
369995.01 3809722.72 0.14255m (22120324) 369996.94
3809764.55 0.14781m (22120324)
369998.74 3809788.56 0.15138m (22120324) 370000.54
3809812.57 0.15533m (22120324)
370002.34 3809836.58 0.15979m (22120324) 370004.13
3809860.59 0.16494m (22120324)
370005.93 3809884.60 0.17103m (22120324) 370007.73
3809908.61 0.17838m (22120324)
370009.53 3809932.61 0.18747m (22120324) 369895.25
3809725.73 0.11858m (22120324)
369897.22 3809772.02 0.12335m (22120324) 369899.02
3809796.03 0.12638m (22120324)
369900.82 3809820.04 0.12980m (22120324) 369902.62
3809844.04 0.13375m (22120324)
369904.41 3809868.05 0.13843m (22120324) 369906.21
3809892.06 0.14413m (22120324)
369908.01 3809916.07 0.15131m (22120324) 369909.81
3809940.08 0.16073m (22120324)
369795.55 3809735.43 0.10011m (22120324) 369797.50
3809779.48 0.10352m (22120324)
369799.30 3809803.49 0.10576m (22120324) 369801.10
3809827.50 0.10825m (22120324)
369802.89 3809851.51 0.11106m (22120324) 369804.69
3809875.52 0.11432m (22120324)
369806.49 3809899.53 0.11817m (22120324) 369808.29
3809923.54 0.12284m (22120324)
369810.08 3809947.55 0.12864m (22120324) 370404.61
3809927.46 0.48567m (22120324)
370386.26 3809944.44 0.45313m (22120324) 370422.82
3809955.55 0.51384m (22120324)
370382.47 3809969.15 0.45839m (22120324) 370346.78
3809938.57 0.39892m (22120324)
370419.02 3809980.26 0.51951m (22120324) 370373.82
3809991.28 0.47355m (22120324)
370326.23 3809950.51 0.38092m (22120324) 370415.22
3810004.97 0.55848m (22120324)
370252.83 3810018.42 0.40108m (22120324) 370235.28
3809978.13 0.32350m (22120324)
370400.04 3810103.81 0.63664m (22120324) 370343.45
3810188.96 0.31106m (22120324)
370304.63 3810168.34 0.35057m (22120324) 370265.82
3810147.72 0.42486m (22120324)
370161.88 3810046.04 0.37410m (22120324) 370144.34
3810005.74 0.28998m (22120324)
370126.79 3809965.44 0.24766m (22120324) 370384.85
3810202.65 0.29497m (22120324)
370328.26 3810287.80 0.21322 (23122024) 370289.45
3810267.18 0.21949m (22120324)
370250.64 3810246.56 0.23515m (22120324) 370211.82

3810225.94   0.25859m (22120324)
        370173.01   3810205.32   0.29786m (22120324)   370062.16
3810053.50   0.31331m (22120324)
        370044.62   3810013.21   0.25047m (22120324)   370027.07
3809972.91   0.21302m (22120324)
        370369.67   3810301.49   0.20923 (23122024)   370313.08
3810386.64   0.17130 (23122024)
        370274.26   3810366.02   0.17674 (23122024)   370235.45
3810345.40   0.17936 (23122024)
        370196.64   3810324.78   0.17981 (23122024)   370157.83
3810304.16   0.18257m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370119.01   3810283.54   0.19455m (22120324)   370080.20
3810262.92   0.21061m (22120324)
        370032.62   3810222.15   0.26816m (22120324)   370015.07
3810181.86   0.43064m (22120324)
        369971.21   3810081.12   0.43647m (22120324)   369953.67
3810040.82   0.28370m (22120324)
        369936.12   3810000.52   0.21251m (22120324)   370354.48
3810400.33   0.16543 (23122024)
        370297.89   3810485.48   0.14005 (23122024)   370259.08
3810464.86   0.14645 (23122024)

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        370220.27   3810444.24        0.15062  (23122024)               370181.45
3810423.62        0.15255  (23122024)
        370142.64   3810403.00        0.15257  (23122024)               370103.83
3810382.38        0.15127  (23122024)
        370065.02   3810361.76        0.14939  (23122024)               370026.20
3810341.14        0.14756  (23122024)
        369987.39   3810320.52        0.14606m (22120324)               369959.21
3810290.06        0.15605m (22120324)
        369941.67   3810249.77        0.17994m (22120324)               369924.12
3810209.47        0.21514m (22120324)
        369906.58   3810169.18        0.27339m (22120324)               369845.17
3810028.14        0.19912m (22120324)
        369827.63   3809987.84        0.15037m (22120324)               370339.30
3810499.17        0.13350  (23122024)
        370405.81   3809901.66        0.50384m (22120324)               370233.63
3809870.41        0.27455m (22120324)
        370135.23   3809852.55        0.21258m (22120324)               370036.84
3809834.69        0.17038m (22120324)
        369938.45   3809816.83        0.13878m (22120324)               369840.06
3809798.97        0.11362m (22120324)
        370358.30   3809959.89        0.42198m (22120324)               370232.02
3809954.66        0.30293m (22120324)
        370231.13   3809921.84        0.28632m (22120324)               370133.76
3809941.48        0.23849m (22120324)
        370132.81   3809906.33        0.22478m (22120324)               370035.93
3809944.46        0.20091m (22120324)
        370034.94   3809908.00        0.18694m (22120324)               370033.96
3809871.54        0.17684m (22120324)
        369938.77   3809972.17        0.18761m (22120324)               369937.85
3809937.99        0.16842m (22120324)
        369936.92   3809903.81        0.15598m (22120324)               369935.99
3809869.63        0.14725m (22120324)
        369840.48   3809958.22        0.14348m (22120324)               369839.53
3809923.06        0.13236m (22120324)
        369838.58   3809887.90        0.12476m (22120324)               369837.63
3809852.74        0.11917m (22120324)
        370451.81   3809966.65        0.56967m (22120324)               370452.90
3809991.62        0.58838m (22120324)
        370434.53   3810017.45        0.63553m (22120324)               370403.31
3810032.38        0.68594m (22120324)
        370343.23   3809979.84        0.42257m (22120324)               370421.52
3810136.59        0.43995m (22120324)
        370384.60   3810125.10        0.48893m (22120324)               370347.67
3810113.62        0.57843m (22120324)
        370459.45   3810141.48        0.42843m (22120324)               370426.73
3810236.75        0.26101m (22120324)
        370391.48   3810225.79        0.26787m (22120324)               370356.23
3810214.83        0.27629m (22120324)
        370320.98   3810203.86        0.28751m (22120324)               370285.74
3810192.90        0.30360m (22120324)
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        370240.39   3810166.49        0.37186m (22120324)               370463.81
3810241.38        0.26119m (22120324)
        370430.25   3810336.40        0.18890m (22120324)               370393.33
3810324.91        0.19686  (23122024)
        370301.01   3810296.20        0.20607  (23122024)               370264.08
3810284.71        0.20524  (23122024)
        370227.16   3810273.23        0.21034m (22120324)               370179.65
3810245.56        0.23519m (22120324)
        370147.92   3810197.00        0.32584m (22120324)               370468.18
3810341.29        0.18956m (22120324)
        370435.13   3810436.46        0.14642m (22120324)               370399.23
3810425.29        0.15213  (23122024)
        370255.62   3810380.63        0.17059  (23122024)               370219.72
3810369.47        0.17030  (23122024)
        370183.82   3810358.30        0.16854  (23122024)               370147.92
3810347.13        0.16586  (23122024)
        370119.69   3810325.81        0.16669  (23122024)               370099.12
3810294.34        0.18361m (22120324)
        370057.98   3810231.40        0.25447m (22120324)               370037.41
3810199.93        0.34222m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370472.54   3810441.19        0.14705m (22120324)               370438.98
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3810536.21 0.11806m (22120324)
370402.05 3810524.72 0.12198 (21020824) 370365.13
3810513.24 0.12690 (23122024)
370272.81 3810484.52 0.14106 (23122024) 370235.88
3810473.04 0.14399 (23122024)
370198.96 3810461.55 0.14528 (23122024) 370162.03
3810450.07 0.14504 (23122024)
370125.10 3810438.58 0.14351 (23122024) 370088.18
3810427.10 0.14099 (23122024)
370059.14 3810405.17 0.14057 (23122024) 370037.98
3810372.80 0.14295 (23122024)
369985.09 3810291.87 0.16254m (22120324) 369963.93
3810259.50 0.18107m (22120324)
369942.77 3810227.13 0.20511m (22120324) 369889.88
3810146.20 0.31355m (22120324)
370476.90 3810541.10 0.11853m (22120324) 370474.63
3809964.91 0.62190m (22120324)
370476.55 3809989.83 0.63100m (22120324) 370478.46
3810014.76 0.69785m (22120324)
370488.04 3810139.39 0.43971m (22120324) 370495.70
3810239.10 0.26736m (22120324)
370503.36 3810338.80 0.19365m (22120324) 370511.02
3810438.51 0.15004m (22120324)
370518.68 3810538.22 0.12081m (22120324) 370509.42
3809980.35 0.70869m (22120324)
370549.44 3809984.71 0.90335m (22120324) 370573.98
3809984.15 1.08039m (22120324)
370508.28 3810153.66 0.40352m (22120324) 370553.46
3810159.66 0.39543m (22120324)
370577.99 3810159.10 0.39816m (22120324) 370602.53
3810158.54 0.39876m (22120324)
370531.22 3810260.20 0.25090m (22120324) 370555.75
3810259.64 0.25335m (22120324)
370580.29 3810259.07 0.25538m (22120324) 370604.83
3810258.51 0.25691m (22120324)
370533.51 3810360.17 0.18438m (22120324) 370558.05
3810359.61 0.18601m (22120324)
370582.58 3810359.05 0.18744m (22120324) 370607.12
3810358.48 0.18865m (22120324)
370381.01 3810410.92 0.15950 (23122024) 370535.81
3810460.15 0.14377m (22120324)
370560.34 3810459.58 0.14491m (22120324) 370584.88
3810459.02 0.14591m (22120324)
370609.42 3810458.46 0.14678m (22120324) 370538.10
3810560.12 0.11618m (22120324)
370562.64 3810559.56 0.11700m (22120324) 370587.18
3810559.00 0.11772m (22120324)
370611.71 3810558.43 0.11834m (22120324) 370636.30
3810158.59 0.39383m (22120324)
370636.30 3810258.59 0.25743m (22120324) 370636.30

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3810358.59        0.18939m (22120324)
        370636.30   3810458.59        0.14732m (22120324)                370636.30
3810558.59        0.11869m (22120324)
        370628.50   3809965.20        1.07632m (22120324)                370604.05
3809959.96        1.02838m (22120324)
        370264.36   3809874.76        0.30033m (22120324)                370166.58
3809853.80        0.22868m (22120324)
        370068.81   3809832.84        0.18122m (22120324)                370574.99
3809959.21        0.96068m (22120324)
        370534.87   3809384.19        0.35590m (22120324)                370447.55
3809499.67        0.39185m (22120324)
        370501.33   3809947.91        0.73709m (22120324)                370438.06
3809603.68        0.61861m (22120324)
        370401.99   3809827.97        0.61218m (22120324)                370298.85
3809939.14        0.34833m (22120324)
        370243.90   3809844.43        0.27858m (22120324)                370260.00
3809822.67        0.29039m (22120324)
        370276.09   3809800.90        0.30503m (22120324)                370135.93
3809827.51        0.20834m (22120324)
        370152.79   3809804.71        0.21308m (22120324)                370169.65
3809781.91        0.21890m (22120324)
        370220.24   3809713.50        0.24191m (22120324)                370249.97
3809684.76        0.26071m (22120324)
        370035.10   3809800.93        0.16437m (22120324)                370052.46
3809777.46        0.16690m (22120324)
        370069.82   3809753.99        0.16998m (22120324)                370156.61
3809636.62        0.19078m (22120324)
        370187.22   3809607.03        0.20117m (22120324)                369942.21
3809763.62        0.13311m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
369959.07	3809740.82	0.13490m (22120324)	370043.38	3809626.81	0.14646m (22120324)
370060.24	3809604.01	0.14906m (22120324)	370077.11	3809581.21	0.15165m (22120324)
370093.97	3809558.40	0.15420m (22120324)	370123.70	3809529.66	0.16021m (22120324)
369928.28	3809788.56	0.13252m (22120324)	370369.81	3810015.22	0.52941m (22120324)
370345.98	3810017.62	0.50732m (22120324)	370322.15	3810020.02	0.48655m (22120324)
370319.65	3809995.14	0.42020m (22120324)	370359.94	3809438.31	0.25320m (22120324)
370298.00	3810008.00	0.42395m (22120324)	370395.85	3809750.99	0.60750m (22120324)
370467.00	3809564.08	0.58092m (22120324)	370292.88	3809981.50	0.37491m (22120324)
370272.34	3809954.88	0.33381m (22120324)	370274.23	3809929.95	0.32258m (22120324)
370281.77	3809830.23	0.31331m (22120324)	370266.89	3809728.82	0.28586m (22120324)
370296.84	3809630.80	0.29214m (22120324)	370229.12	3810008.08	0.35680m (22120324)
370213.97	3809988.20	0.31787m (22120324)	370198.81	3809968.31	0.28990m (22120324)
370200.70	3809943.39	0.27586m (22120324)	370165.89	3809961.97	0.26589m (22120324)
370123.78	3809771.19	0.19418m (22120324)	370164.67	3809759.09	0.21295m (22120324)
370226.00	3809740.93	0.25065m (22120324)	370043.78	3809697.39	0.15434m (22120324)
370148.62	3809666.35	0.19148m (22120324)	369962.53	3809623.96	0.12487m (22120324)
370005.12	3809611.35	0.13416m (22120324)	370111.60	3809579.83	0.16328m (22120324)
370175.49	3809560.92	0.18643m (22120324)	370218.08	3809548.31	0.20511m (22120324)
369901.07	3809544.67	0.10605m (22120324)	369982.85	3809520.46	0.12024m (22120324)
370023.73	3809508.36	0.12841m (22120324)	370085.07	3809490.20	0.14236m (22120324)
370125.95	3809478.10	0.15295m (22120324)	369862.86	3809564.26	0.10078m (22120324)

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        370199.04   3810010.39        0.33493m (22120324)                370180.04
3809987.73        0.29402m (22120324)
        370173.34   3809938.18        0.25733m (22120324)                370283.74
3809745.91        0.30784m (22120324)
        370146.56   3809739.98        0.20081m (22120324)                370179.61
3809638.10        0.20279m (22120324)
        370152.83   3809439.90        0.15524m (22120324)                370334.32
3809457.31        0.24521m (22120324)
        370379.69   3809461.66        0.28153m (22120324)                370435.76
3809480.59        0.35318m (22120324)
        370170.12   3810018.60        0.32469m (22120324)                370121.67
3809994.77        0.26637m (22120324)
        370105.06   3809976.08        0.24420m (22120324)                370071.53
3809879.69        0.19196m (22120324)
        369972.17   3809826.61        0.14934m (22120324)                369938.64
3809730.22        0.12880m (22120324)
        369974.01   3809713.97        0.13600m (22120324)                370062.44
3809673.37        0.15775m (22120324)
        369872.20   3809655.48        0.10852m (22120324)                369978.31
3809606.75        0.12705m (22120324)
        369805.76   3809580.75        0.09279m (22120324)                369929.55
3809523.90        0.10974m (22120324)
        370000.29   3809491.41        0.12130m (22120324)                370035.66
3809475.17        0.12769m (22120324)
        369772.85   3809602.41        0.08917m (22120324)                370271.87
3809767.40        0.29701m (22120324)
        370314.34   3809567.93        0.28309m (22120324)                370091.74
3810006.93        0.26280m (22120324)
        370100.58   3809953.84        0.22946m (22120324)                370075.81
3809933.64        0.21048m (22120324)
        370052.79   3809733.98        0.16153m (22120324)                370068.97
3809639.87        0.15606m (22120324)
        370010.31   3809538.54        0.12827m (22120324)                370008.27
3809442.68        0.11817m (22120324)
        370046.67   3809446.39        0.12704m (22120324)                370123.48
3809453.82        0.14840m (22120324)
        370076.31   3809987.26        0.23972m (22120324)                370034.35
3810045.80        0.29062m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370065.94   3809965.21        0.22170m (22120324)               370020.77
3810016.63        0.24754m (22120324)
        370007.20   3809987.47        0.21725m (22120324)               369989.43
3810023.85        0.25118m (22120324)
        369962.35   3809887.92        0.15891m (22120324)               369899.57
3809979.96        0.18046m (22120324)
        369863.66   3809854.96        0.12575m (22120324)               369963.93
3809770.85        0.13949m (22120324)
        370015.98   3809746.37        0.15125m (22120324)               369750.14
3809840.34        0.09914m (22120324)
        369775.14   3809809.42        0.10158m (22120324)               369825.15
3809747.57        0.10630m (22120324)
        369868.15   3809708.19        0.11159m (22120324)               369958.11
3809665.88        0.12752m (22120324)
        369728.75   3809873.99        0.09742m (22120324)               369659.50
3809797.42        0.08195m (22120324)
        369682.94   3809768.43        0.08411m (22120324)               369706.38
3809739.44        0.08621m (22120324)
        369729.83   3809710.45        0.08826m (22120324)               369753.27
3809681.46        0.09028m (22120324)
        369776.71   3809652.47        0.09229m (22120324)               369855.90
3809606.24        0.10230m (22120324)
        369889.64   3809590.37        0.10721m (22120324)               369973.98
3809550.70        0.12103m (22120324)
        369638.90   3809830.10        0.08021m (22120324)               369569.98
3809753.11        0.06967m (22120324)
        369594.09   3809723.30        0.07154m (22120324)               369618.20
3809693.48        0.07337m (22120324)
        369642.32   3809663.66        0.07515m (22120324)               369666.43
3809633.84        0.07690m (22120324)
        369690.54   3809604.02        0.07862m (22120324)               369714.65
3809574.21        0.08030m (22120324)
        369744.05   3809551.14        0.08291m (22120324)               369778.75
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3809534.82        0.08660m (22120324)
        369813.45   3809518.49        0.09048m (22120324)                369882.85
3809485.85        0.09888m (22120324)
        369917.55   3809469.53        0.10343m (22120324)                369549.04
3809786.21        0.06815m (22120324)
        370070.79   3810030.88        0.28055m (22120324)                370176.42
3809804.29        0.22598m (22120324)
        370010.76   3810053.84        0.30408m (22120324)                369982.90
3809984.21        0.20845m (22120324)
        369976.57   3809793.17        0.14569m (22120324)                370078.65
3809796.01        0.17898m (22120324)
        370129.69   3809797.42        0.20064m (22120324)                369941.31
3809700.38        0.12664m (22120324)
        370011.88   3809702.34        0.14517m (22120324)                370117.75
3809705.28        0.18276m (22120324)
        370153.04   3809706.26        0.19943m (22120324)                370085.81
3809612.58        0.15847m (22120324)
        369884.65   3809515.18        0.10116m (22120324)                370078.74
3809520.57        0.14449m (22120324)
        370184.60   3809523.52        0.18311m (22120324)                369995.05
3810077.05        0.38135m (22120324)
        369949.35   3810063.04        0.36387m (22120324)                369924.35
3810063.04        0.39497m (22120324)
        369960.07   3810002.60        0.22019m (22120324)                369824.96
3810061.03        0.20837m (22120324)
        369849.52   3809980.95        0.15832m (22120324)                369867.48
3809954.42        0.15251m (22120324)
        369820.05   3810095.66        0.21011m (22120324)                369725.21
3810060.23        0.11106m (22120324)
        369735.52   3810026.60        0.11318m (22120324)                369745.84
3809992.96        0.11349m (22120324)
        369756.15   3809959.33        0.11256m (22120324)                369766.46
3809925.69        0.11112m (22120324)
        369867.51   3809831.63        0.12340m (22120324)                369720.05
3810095.66        0.10915m (22120324)
        369625.34   3810059.80        0.08307m (22120324)                369635.92
3810025.30        0.08507m (22120324)
        369646.50   3809990.81        0.08660m (22120324)                369657.08
3809956.31        0.08766m (22120324)
        369667.65   3809921.81        0.08832m (22120324)                369678.23
3809887.31        0.08867m (22120324)
        369702.86   3809841.50        0.09063m (22120324)                369730.96
3809818.86        0.09419m (22120324)
        369773.11   3809784.90        0.09944m (22120324)                369843.36
3809728.31        0.10831m (22120324)
        369620.05   3810095.66        0.08163m (22120324)                369525.42
3810059.53        0.06766m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369536.17	3810024.50	0.06922m	(22120324)	369546.91	3809989.46	0.07060m	(22120324)
369557.65	3809954.42	0.07178m	(22120324)	369568.40	3809919.39	0.07277m	(22120324)
369579.14	3809884.35	0.07356m	(22120324)	369589.89	3809849.31	0.07419m	(22120324)
369600.63	3809814.28	0.07468m	(22120324)	369620.27	3809785.26	0.07633m	(22120324)
369648.81	3809762.27	0.07924m	(22120324)	369677.35	3809739.28	0.08217m	(22120324)
369705.89	3809716.29	0.08512m	(22120324)	369520.05	3810095.66	0.06656m	(22120324)
369425.48	3810059.35	0.05730m	(22120324)	369436.34	3810023.94	0.05853m	(22120324)
369447.19	3809988.54	0.05967m	(22120324)	369458.05	3809953.13	0.06071m	(22120324)
369468.91	3809917.73	0.06164m	(22120324)	369479.76	3809882.32	0.06246m	(22120324)
369490.62	3809846.91	0.06317m	(22120324)	369501.48	3809811.51	0.06377m	(22120324)
369512.34	3809776.10	0.06428m	(22120324)	369537.61	3809729.08	0.06586m	(22120324)
369566.45	3809705.85	0.06820m	(22120324)	369595.29	3809682.62	0.07058m	(22120324)

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        369420.05   3810095.66        0.05644m (22120324)               369901.74
3810040.28        0.28810m (22120324)
        369880.48   3810031.82        0.24828m (22120324)               369932.24
3810025.51        0.25011m (22120324)
        369910.99   3810017.05        0.22959m (22120324)               369889.73
3810008.59        0.20681m (22120324)
        369868.47   3810000.13        0.18407m (22120324)               370114.35
3809506.03        0.15348m (22120324)
        369860.70   3809758.27        0.11416m (22120324)               369776.13
3809755.26        0.09803m (22120324)
        369843.71   3809660.20        0.10365m (22120324)               369773.90
3809557.07        0.08706m (22120324)
        369913.08   3809570.38        0.11015m (22120324)               369965.27
3809575.37        0.12127m (22120324)
        370000.06   3809578.70        0.12971m (22120324)               369755.38
3809458.85        0.08003m (22120324)
        369790.55   3809462.21        0.08442m (22120324)               369825.71
3809465.58        0.08920m (22120324)
        369720.04   3809460.55        0.07616m (22120324)               369809.69
3810039.14        0.16564m (22120324)
        369799.53   3810060.29        0.16354m (22120324)               369787.15
3810028.32        0.14106m (22120324)
        369776.99   3810049.47        0.13891m (22120324)               369775.56
3810004.00        0.12792m (22120324)
        369802.35   3809983.40        0.13551m (22120324)               369754.46
3810038.64        0.12313m (22120324)
        369695.72   3809909.41        0.09312m (22120324)               369752.57
3809872.46        0.10220m (22120324)
        369773.70   3809862.98        0.10585m (22120324)               369605.58
3809866.11        0.07666m (22120324)
        369620.17   3809848.12        0.07816m (22120324)               369691.61
3809793.19        0.08646m (22120324)
        369712.74   3809783.70        0.08925m (22120324)               369733.87
3809774.22        0.09211m (22120324)
        369755.00   3809764.74        0.09504m (22120324)               369530.03
3809804.82        0.06651m (22120324)
        369630.65   3809713.91        0.07541m (22120324)               369651.78
3809704.43        0.07762m (22120324)
        369672.91   3809694.95        0.07990m (22120324)               369694.04
3809685.47        0.08224m (22120324)
        369715.18   3809675.99        0.08465m (22120324)               369736.31
3809666.50        0.08713m (22120324)
        369396.12   3809815.48        0.05486m (22120324)               369410.71
3809797.49        0.05582m (22120324)
        369425.30   3809779.51        0.05679m (22120324)               369439.89
3809761.52        0.05775m (22120324)
        369454.48   3809743.53        0.05870m (22120324)               369469.07
3809725.55        0.05965m (22120324)
        369483.66   3809707.56        0.06059m (22120324)               369498.25
3809689.58        0.06153m (22120324)
```

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369654.22   3809596.71   0.07424m (22120324)   369675.35
3809587.23   0.07624m (22120324)
        369381.52   3809833.47   0.05389m (22120324)   369371.36
3809854.62   0.05325m (22120324)
        369305.98   3809772.18   0.04852m (22120324)   369320.57
3809754.19   0.04930m (22120324)
        369335.16   3809736.21   0.05008m (22120324)   369349.75
3809718.22   0.05085m (22120324)
        369364.34   3809700.23   0.05163m (22120324)   369378.93
3809682.25   0.05240m (22120324)
        369393.52   3809664.26   0.05317m (22120324)   369408.11
3809646.28   0.05393m (22120324)
        369422.71   3809628.29   0.05468m (22120324)   369437.30
3809610.30   0.05543m (22120324)
        369451.89   3809592.32   0.05617m (22120324)   369487.61

3809564.85 0.05829m (22120324)
369508.74 3809555.37 0.05971m (22120324) 369529.87
3809545.89 0.06116m (22120324)
369551.00 3809536.40 0.06266m (22120324) 369572.13
3809526.92 0.06420m (22120324)
369593.26 3809517.44 0.06577m (22120324) 369614.39
3809507.96 0.06739m (22120324)
369635.52 3809498.48 0.06905m (22120324) 369656.65
3809488.99 0.07076m (22120324)
369677.78 3809479.51 0.07251m (22120324) 369698.91
3809470.03 0.07431m (22120324)
369291.39 3809790.17 0.04774m (22120324) 369281.23
3809811.32 0.04723m (22120324)
369775.25 3810088.68 0.14179m (22120324) 369752.71
3810077.86 0.12532m (22120324)
369759.46 3810117.78 0.12818m (22120324) 369736.05
3810126.56 0.11460m (22120324)
369635.68 3810121.77 0.08410m (22120324) 369642.43
3810161.68 0.08390m (22120324)
369542.13 3810155.11 0.06806m (22120324) 369544.03
3810112.33 0.06929m (22120324)
369545.93 3810069.55 0.07019m (22120324) 369548.80
3810196.81 0.06761m (22120324)
369448.48 3810190.72 0.05730m (22120324) 369450.34
3810148.89 0.05832m (22120324)
369452.20 3810107.06 0.05918m (22120324) 369454.06
3810065.23 0.05986m (22120324)
369455.17 3810231.94 0.05689m (22120324) 369354.84
3810226.12 0.04945m (22120324)
369356.68 3810184.84 0.05029m (22120324) 369358.51
3810143.56 0.05103m (22120324)
369360.35 3810102.28 0.05167m (22120324) 369362.19
3810061.01 0.05221m (22120324)
369364.02 3810019.73 0.05263m (22120324) 369365.86
3809978.45 0.05295m (22120324)
369367.69 3809937.17 0.05315m (22120324) 369369.53
3809895.89 0.05325m (22120324)
369361.54 3810267.07 0.04909m (22120324) 369261.25
3810260.50 0.04342m (22120324)
369263.15 3810217.72 0.04414m (22120324) 369265.05
3810174.94 0.04479m (22120324)
369266.96 3810132.16 0.04538m (22120324) 369268.86
3810089.38 0.04589m (22120324)
369270.76 3810046.60 0.04632m (22120324) 369272.66
3810003.82 0.04667m (22120324)
369274.57 3809961.04 0.04694m (22120324) 369276.47
3809918.26 0.04712m (22120324)
369278.37 3809875.48 0.04722m (22120324) 369267.92
3810302.19 0.04309m (22120324)
369835.81 3810124.85 0.22694m (22120324) 369855.27

3810137.12   0.25320m (22120324)
        369792.94   3810121.36   0.15555m (22120324)   369822.47
3810145.99   0.17965m (22120324)
        369841.93   3810158.26   0.19442m (22120324)   369779.61
3810142.51   0.13801m (22120324)
        369809.14   3810167.14   0.15267m (22120324)   369828.60
3810179.41   0.16220m (22120324)
        369762.91   3810159.53   0.12370m (22120324)   369795.80
3810188.29   0.13461m (22120324)
        369815.26   3810200.56   0.14133m (22120324)   369709.58
3810244.12   0.09210m (22120324)
        369682.72   3810211.15   0.08930m (22120324)   369742.47
3810272.88   0.09593m (22120324)
        369761.93   3810285.15   0.09855m (22120324)   369656.24
3810328.71   0.07449m (22120324)

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369629.38   3810295.74   0.07326m (22120324)   369602.52
3810262.76   0.07165m (22120324)
        369575.66   3810229.79   0.06974m (22120324)   369689.13
3810357.47   0.07647m (22120324)
        369708.59   3810369.74   0.07793m (22120324)   369602.91
3810413.30   0.06276m (22120324)

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        369576.05   3810380.32        0.06213m (22120324)               369549.19
3810347.35        0.06126m (22120324)
        369522.32   3810314.38        0.06020m (22120324)               369495.46
3810281.40        0.05897m (22120324)
        369635.80   3810442.06        0.06397m (22120324)               369655.26
3810454.33        0.06492m (22120324)
        369548.61   3810496.71        0.05418m (22120324)               369534.22
3810479.05        0.05400m (22120324)
        369519.83   3810461.38        0.05378m (22120324)               369505.44
3810443.72        0.05353m (22120324)
        369491.05   3810426.05        0.05323m (22120324)               369476.66
3810408.39        0.05289m (22120324)
        369462.27   3810390.72        0.05252m (22120324)               369447.88
3810373.06        0.05211m (22120324)
        369433.49   3810355.39        0.05167m (22120324)               369419.10
3810337.73        0.05120m (22120324)
        369404.71   3810320.06        0.05071m (22120324)               369390.32
3810302.40        0.05019m (22120324)
        369375.93   3810284.73        0.04965m (22120324)               369563.00
3810514.38        0.05485  (23042924)
        369582.46   3810526.65        0.05582  (23042924)               369601.92
3810538.92        0.05790  (23122024)
        369495.45   3810581.51        0.04916  (23042924)               369481.23
3810564.05        0.04864  (23042924)
        369467.01   3810546.59        0.04795  (23042924)               369438.56
3810511.68        0.04701m (22120324)
        369424.34   3810494.22        0.04680m (22120324)               369410.12
3810476.77        0.04657m (22120324)
        369395.90   3810459.31        0.04631m (22120324)               369381.68
3810441.85        0.04603m (22120324)
        369353.24   3810406.94        0.04540m (22120324)               369339.02
3810389.48        0.04506m (22120324)
        369324.80   3810372.02        0.04470m (22120324)               369310.58
3810354.57        0.04432m (22120324)
        369296.36   3810337.11        0.04392m (22120324)               369509.67
3810598.96        0.04950  (23042924)
        369529.13   3810611.23        0.05133  (23122024)               369548.59
3810623.50        0.05459  (23122024)
        369674.57   3810067.46        0.09431m (22120324)               369577.56
3810043.21        0.07491m (22120324)
        369480.54   3810018.96        0.06285m (22120324)               369383.53
3809994.70        0.05423m (22120324)
        369865.16   3810163.19        0.22088m (22120324)               369851.58
3810184.17        0.17926m (22120324)
        369837.99   3810205.16        0.15328m (22120324)               369824.40
3810226.14        0.13531m (22120324)
        369676.32   3810175.79        0.09064m (22120324)               369674.33
3810145.32        0.09208m (22120324)
        369672.33   3810114.85        0.09291m (22120324)               369770.06
3810310.09        0.09612m (22120324)
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        369582.02   3810193.09        0.07218m (22120324)               369579.85
3810159.85        0.07309m (22120324)
        369577.68   3810126.61        0.07373m (22120324)               369575.50
3810093.37        0.07408m (22120324)
        369715.71   3810394.03        0.07642m (22120324)               369490.13
3810247.13        0.05961m (22120324)
        369488.01   3810214.63        0.06037m (22120324)               369485.88
3810182.13        0.06102m (22120324)
        369483.75   3810149.63        0.06154m (22120324)               369481.63
3810117.13        0.06193m (22120324)
        369479.50   3810084.63        0.06218m (22120324)               369477.38
3810052.13        0.06230m (22120324)
        369661.36   3810477.97        0.06477  (23122024)               369395.91
3810265.54        0.05144m (22120324)
        369393.69   3810231.68        0.05203m (22120324)               369391.48
3810197.83        0.05254m (22120324)
        369389.26   3810163.97        0.05297m (22120324)               369387.05
3810130.11        0.05332m (22120324)
        369384.84   3810096.26        0.05357m (22120324)               369381.51
3810045.48        0.05379m (22120324)
        369607.02   3810561.91        0.05998  (23122024)               369302.94
3810303.14        0.04491m (22120324)
        369300.77   3810269.90        0.04539m (22120324)               369298.59
3810236.67        0.04582m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3810581.19   0.08106 (23122024)
        369710.21   3810576.91   0.07664 (23122024)   369680.73
3810572.62   0.07202 (23122024)
        369651.24   3810568.34   0.06725 (23122024)   370034.19
3810617.66   0.10965 (23122024)
        370033.45   3810715.71   0.09776 (23122024)   370004.31
3810711.48   0.09756 (23122024)
        369975.17   3810707.24   0.09697 (23122024)   369946.03
3810703.01   0.09600 (23122024)
        369916.90   3810698.78   0.09469 (23122024)   369887.76
3810694.54   0.09306 (23122024)
        369858.62   3810690.31   0.09111 (23122024)   369829.48
3810686.08   0.08887 (23122024)
        369800.34   3810681.84   0.08634 (23122024)   369771.20
3810677.61   0.08355 (23122024)
        369742.07   3810673.38   0.08049 (23122024)   369712.93
3810669.14   0.07720 (23122024)
        369683.79   3810664.91   0.07368 (23122024)   369654.65
3810660.68   0.06998 (23122024)
        369625.51   3810656.44   0.06613 (23122024)   369596.38
3810652.21   0.06219 (23122024)
        370062.40   3810713.60   0.09838 (23122024)   369930.01
3810171.21   0.30795m (22120324)
        369915.70   3810246.99   0.16940m (22120324)   369793.01
3810520.75   0.08973 (23122024)
        369735.76   3810604.68   0.08044 (23122024)   369678.51
3810688.60   0.07310 (23122024)
        369711.22   3810703.26   0.07668 (23122024)   369951.02
3810180.10   0.31377m (22120324)
        369974.71   3810185.52   0.33312m (22120324)   370069.48
3810207.18   0.31739m (22120324)
        369969.14   3810209.89   0.25413m (22120324)   369992.83
3810215.30   0.26181m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
369987.26	3810239.68	0.21441m	(22120324)	370010.95	3810245.09	0.21730m	(22120324)
370034.64	3810250.51	0.21752m	(22120324)	370058.34	3810255.92	0.21570m	(22120324)
370005.38	3810269.46	0.18683m	(22120324)	370029.07	3810274.88	0.18823m	(22120324)
370052.76	3810280.30	0.18835m	(22120324)	369935.71	3810356.12	0.12729	(23122024)
369959.40	3810361.53	0.13140	(23122024)	369983.10	3810366.95	0.13491	(23122024)
370006.79	3810372.36	0.13801	(23122024)	369871.12	3810441.96	0.10594	(23122024)
369913.43	3810453.60	0.11249	(23122024)	369937.12	3810459.02	0.11577	(23122024)
369960.81	3810464.43	0.11874	(23122024)	369984.50	3810469.85	0.12146	(23122024)
370008.19	3810475.27	0.12394	(23122024)	369848.84	3810539.44	0.09764	(23122024)
369891.14	3810551.09	0.10263	(23122024)	369914.83	3810556.50	0.10512	(23122024)
369938.53	3810561.92	0.10737	(23122024)	369962.22	3810567.33	0.10936	(23122024)
369985.91	3810572.75	0.11109	(23122024)	369826.55	3810636.93	0.09081	(23122024)
369789.33	3810624.47	0.08703	(23122024)	369868.86	3810648.57	0.09444	(23122024)
369892.55	3810653.99	0.09620	(23122024)	369916.24	3810659.40	0.09772	(23122024)
369939.93	3810664.82	0.09898	(23122024)	369963.62	3810670.24	0.09999	(23122024)
369800.55	3810733.17	0.08424	(23122024)	369778.22	3810725.69	0.08267	(23122024)
369755.88	3810718.22	0.08088	(23122024)	369733.55	3810710.74	0.07888	(23122024)
369822.88	3810740.64	0.08559	(23122024)	369846.57	3810746.06	0.08693	(23122024)
369870.26	3810751.47	0.08804	(23122024)	369893.96	3810756.89	0.08892	(23122024)

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        369917.65   3810762.31        0.08956  (23122024)                369941.34
3810767.72        0.08996  (23122024)
        370097.17   3810203.36        0.32483m (22120324)                370086.30
3810231.53        0.25684m (22120324)
        370119.30   3810223.91        0.27007m (22120324)                370108.42
3810252.08        0.22630m (22120324)
        370136.55   3810373.87        0.15790  (23122024)                370125.75
3810475.14        0.13699  (23122024)
        370092.16   3810475.17        0.13370  (23122024)                370058.58
3810475.21        0.13002  (23122024)
        370148.76   3810572.57        0.12100  (23122024)                370116.19
3810572.61        0.11995  (23122024)
        370083.62   3810572.64        0.11837  (23122024)                370051.05
3810572.68        0.11633  (23122024)
        370018.48   3810572.72        0.11388  (23122024)                370181.55
3810568.74        0.12218  (23122024)
        370171.55   3810670.01        0.10381  (23122024)                370139.56
3810670.04        0.10449  (23122024)
        370107.57   3810670.08        0.10465  (23122024)                370075.58
3810670.11        0.10434  (23122024)
        370043.60   3810670.15        0.10358  (23122024)                370011.61
3810670.18        0.10242  (23122024)
        370204.04   3810666.18        0.10328  (23122024)                370193.25
3810767.45        0.08682  (23122024)
        370159.66   3810767.48        0.08866  (23122024)                370126.07
3810767.52        0.09005  (23122024)
        370092.49   3810767.56        0.09098  (23122024)                370058.90
3810767.59        0.09148  (23122024)
        370025.31   3810767.63        0.09154  (23122024)                369991.72
3810767.67        0.09120  (23122024)
        370226.54   3810763.62        0.08517  (23122024)                369889.95
3810626.19        0.09780  (23122024)
        369840.92   3810713.34        0.08841  (23122024)                370144.46
3810239.54        0.24334m (22120324)
        370132.20   3810261.33        0.21672m (22120324)                370171.58
3810285.28        0.19732m (22120324)
        370172.49   3810386.90        0.15997  (23122024)                370174.25
3810482.36        0.13930  (23122024)
        370038.81   3810460.19        0.12969  (23122024)                370208.95
3810481.76        0.14111  (23122024)
        370006.70   3810550.12        0.11538  (23122024)                369955.91
3810541.80        0.11097  (23122024)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                  PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370209.86	3810583.37	0.11905	(23122024)	370245.40	3810576.61	0.11942	(23122024)
370032.52	3810649.52	0.10571	(23122024)	369996.88	3810643.69	0.10458	(23122024)
369961.23	3810637.86	0.10285	(23122024)	369925.59	3810632.02	0.10058	(23122024)
370228.55	3810681.61	0.09915	(23122024)	370264.09	3810674.85	0.09795	(23122024)
370035.24	3810745.15	0.09425	(23122024)	369999.91	3810739.37	0.09439	(23122024)
369964.58	3810733.58	0.09396	(23122024)	369929.25	3810727.80	0.09299	(23122024)
369893.92	3810722.02	0.09151	(23122024)	370247.23	3810779.85	0.08106	(21020824)
370282.77	3810773.09	0.08123	(21020824)	370197.71	3810206.90	0.28965m	(22120324)
370201.05	3810256.79	0.22360m	(22120324)	370202.72	3810281.74	0.20214m	(22120324)
370196.72	3810382.36	0.16410	(23122024)	370210.76	3810782.32	0.08336	(23122024)
370233.35	3810215.24	0.27213m	(22120324)	370261.27	3810183.94	0.32234m	(22120324)
370265.97	3810216.23	0.26969m	(22120324)	370284.63	3810232.88	0.25058m	(22120324)
370328.30	3810323.40	0.19684	(23122024)	370294.33	3810340.00	0.18762	(23122024)
370401.39	3810390.72	0.16564	(23122024)	370327.27	3810426.95	0.15704	(23122024)
370290.21	3810445.06	0.15208	(23122024)	370433.88			

3810366.01 0.17444m (22120324)
370458.30 3810465.94 0.13818m (22120324) 370422.07
3810483.65 0.13207 (21020824)
370385.83 3810501.36 0.12818 (21020824) 370331.48
3810527.93 0.12603 (23122024)
370295.24 3810545.64 0.12412 (23122024) 370522.46
3810416.93 0.15863m (22120324)
370551.29 3810523.53 0.12564m (22120324) 370497.65
3810549.75 0.11727m (22120324)
370461.89 3810567.23 0.11194m (22120324) 370426.13
3810584.71 0.10743 (21020824)
370390.37 3810602.19 0.10534 (21020824) 370354.61
3810619.67 0.10309 (21020824)
370318.85 3810637.14 0.10082 (23122024) 370283.09
3810654.62 0.10042 (23122024)
370583.13 3810499.14 0.13332m (22120324) 370625.26
3810590.42 0.11129m (22120324)
370588.20 3810608.53 0.10688m (22120324) 370551.14
3810626.65 0.10255m (22120324)
370514.08 3810644.76 0.09833m (22120324) 370477.02
3810662.87 0.09423m (22120324)
370439.96 3810680.99 0.09025m (22120324) 370402.91
3810699.10 0.08755 (21020824)
370365.85 3810717.22 0.08637 (21020824) 370328.79
3810735.33 0.08505 (21020824)
370657.75 3810565.71 0.11726m (22120324) 370310.12
3810228.19 0.25713m (22120324)
370352.14 3810424.69 0.15659 (23122024) 370419.69
3810508.14 0.12558 (21020824)
370412.78 3810615.28 0.10185 (21020824) 370450.01
3810603.44 0.10402m (22120324)
370405.87 3810722.42 0.08377 (21020824) 370443.10
3810710.57 0.08595m (22120324)
370480.33 3810698.73 0.08867m (22120324) 370315.59
3810145.14 0.41572m (22120324)
370332.76 3810163.31 0.36087m (22120324) 370365.16
3810167.10 0.35302m (22120324)
370420.43 3810281.39 0.22223m (22120324) 370471.57
3810364.41 0.17813m (22120324)
370556.08 3810427.76 0.15603m (22120324) 370487.89
3810467.95 0.13909m (22120324)
370588.36 3810403.33 0.16702m (22120324) 370624.37
3810500.68 0.13382m (22120324)
370589.50 3810521.23 0.12731m (22120324) 370502.32
3810572.61 0.11223m (22120324)
370657.04 3810476.01 0.14188m (22120324) 370692.78
3810573.52 0.11567m (22120324)
370657.37 3810594.39 0.11081m (22120324) 370621.96
3810615.26 0.10607m (22120324)
370586.56 3810636.13 0.10148m (22120324) 370551.15

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370515.74   3810677.86   0.09277m (22120324)   370725.72
3810548.70   0.12164m (22120324)
        370339.70   3810134.90   0.45117m (22120324)   370363.06
3810132.36   0.45813m (22120324)
        370389.11   3810154.67   0.38372m (22120324)   370391.81
3810179.53   0.33138m (22120324)
        370415.16   3810176.99   0.33889m (22120324)   370438.51
3810174.45   0.34696m (22120324)
        370417.86   3810201.84   0.30041m (22120324)   370441.21
3810199.30   0.30731m (22120324)
        370405.32   3810303.80   0.20774 (23122024)   370452.02
3810298.72   0.21350m (22120324)
        370439.47   3810400.67   0.15995m (22120324)   370462.82
3810398.13   0.16259m (22120324)
        370450.28   3810500.09   0.12783m (22120324)   370473.63
3810497.55   0.12966m (22120324)
        370484.43   3810596.96   0.10651m (22120324)   370469.75
3810120.80   0.50792m (22120324)
        370475.10   3810170.51   0.36047m (22120324)   370477.78
3810195.37   0.31855m (22120324)

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        370488.48   3810294.79        0.21973m (22120324)               370499.18
3810394.22        0.16656m (22120324)
        370509.88   3810493.65        0.13237m (22120324)               370520.59
3810593.07        0.10843m (22120324)
        370549.62   3810690.52        0.09146m (22120324)               370336.44
3810228.20        0.25925m (22120324)
        370169.71   3810339.59        0.17127  (23122024)               370090.78
3810401.00        0.14585  (23122024)
        370029.62   3810485.25        0.12534  (23122024)               370526.89
3810167.63        0.37467m (22120324)
        370500.67   3810191.77        0.32746m (22120324)               370526.05
3810192.62        0.32960m (22120324)
        370499.83   3810216.75        0.29285m (22120324)               370525.21
3810217.60        0.29486m (22120324)
        370399.31   3810267.15        0.23064m (22120324)               370377.72
3810256.14        0.23717m (22120324)
        370356.13   3810245.13        0.24449m (22120324)               370496.49
3810316.70        0.20603m (22120324)
        370521.87   3810317.55        0.20749m (22120324)               370482.34
3810411.14        0.15865m (22120324)
        370395.97   3810367.09        0.17642  (23122024)               370374.37
3810356.08        0.18275  (23122024)
        370352.78   3810345.07        0.18810  (23122024)               370277.20
3810306.53        0.19858  (23122024)
        370400.22   3810470.91        0.13617  (21020824)               370377.82
3810459.49        0.14233  (23122024)
        370355.43   3810448.07        0.14825  (23122024)               370299.44
3810419.53        0.16001  (23122024)
        370277.05   3810408.11        0.16327  (23122024)               370489.79
3810516.59        0.12522m (22120324)
        370397.53   3810571.19        0.11149  (21020824)               370375.30
3810559.86        0.11458  (21020824)
        370353.07   3810548.52        0.11842  (23122024)               370308.61
3810525.85        0.12836  (23122024)
        370286.38   3810514.52        0.13262  (23122024)               370253.04
3810497.52        0.13792  (23122024)
        370499.13   3810616.95        0.10304m (22120324)               370394.61
3810671.36        0.09249  (21020824)
        370372.49   3810660.08        0.09532  (21020824)               370350.37
3810648.80        0.09799  (21020824)
        370295.07   3810620.60        0.10657  (23122024)               370272.95
3810609.32        0.11071  (23122024)
        370162.35   3810552.92        0.12491  (23122024)               370140.23
3810541.64        0.12620  (23122024)
        370118.11   3810530.36        0.12696  (23122024)               370095.99
3810519.08        0.12722  (23122024)
        370073.87   3810507.80        0.12700  (23122024)               370495.79
3810716.90        0.08636m (22120324)
        370547.88   3810133.53        0.46935m (22120324)               370567.34
3810109.84        0.57906m (22120324)
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        370586.66   3810125.71        0.50003m (22120324)               370548.33
3810188.20        0.33918m (22120324)
        370593.81   3810190.35        0.33816m (22120324)               370554.92
3810211.72        0.30522m (22120324)
        370671.09   3810253.82        0.26144m (22120324)               370635.03
3810281.46        0.23832m (22120324)
        370596.14   3810302.83        0.22152m (22120324)               370566.43
3810308.72        0.21609m (22120324)
        370692.83   3810232.76        0.28076m (22120324)               370748.36
3810317.30        0.21252m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        370724.32   3810335.72        0.20215m (22120324)               370700.28
3810354.15        0.19229m (22120324)
        370676.24   3810372.57        0.18293m (22120324)               370637.35
3810393.94        0.17246m (22120324)
        370770.11   3810296.24        0.22530m (22120324)               370825.63
3810380.77        0.17643m (22120324)
        370801.59   3810399.20        0.16925m (22120324)               370777.55
3810417.62        0.16235m (22120324)
        370753.52   3810436.04        0.15571m (22120324)               370729.48
3810454.47        0.14933m (22120324)
        370705.44   3810472.89        0.14321m (22120324)               370678.57
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3810485.05        0.13924m (22120324)
        370530.03   3810514.49        0.12734m (22120324)                370847.38
3810359.71        0.18530m (22120324)
        370902.90   3810444.25        0.14788m (22120324)                370878.86
3810462.67        0.14293m (22120324)
        370854.83   3810481.09        0.13810m (22120324)                370830.79
3810499.52        0.13338m (22120324)
        370806.75   3810517.94        0.12878m (22120324)                370782.71
3810536.37        0.12430m (22120324)
        370758.68   3810554.79        0.11996m (22120324)                370719.78
3810576.16        0.11510m (22120324)
        370924.65   3810423.19        0.15402m (22120324)                370980.17
3810507.72        0.12480m (22120324)
        370956.14   3810526.14        0.12144m (22120324)                370932.10
3810544.57        0.11809m (22120324)
        370908.06   3810562.99        0.11476m (22120324)                370884.02
3810581.42        0.11146m (22120324)
        370859.99   3810599.84        0.10821m (22120324)                370835.95
3810618.27        0.10500m (22120324)
        370811.91   3810636.69        0.10186m (22120324)                370787.87
3810655.12        0.09877m (22120324)
        370761.00   3810667.27        0.09685m (22120324)                370731.29
3810673.16        0.09595m (22120324)
        370701.58   3810679.05        0.09496m (22120324)                370671.87
3810684.94        0.09387m (22120324)
        370642.17   3810690.83        0.09270m (22120324)                370612.46
3810696.71        0.09145m (22120324)
        370582.75   3810702.60        0.09014m (22120324)                370538.19
3810711.44        0.08804m (22120324)
        371001.92   3810486.66        0.12902m (22120324)                370553.81
3810393.91        0.16965m (22120324)
        370555.75   3810493.90        0.13402m (22120324)                370557.68
3810593.88        0.10925m (22120324)
        370620.55   3810108.03        0.57323m (22120324)                370657.78
3810091.96        0.61366m (22120324)
        370630.46   3810130.99        0.46838m (22120324)                370667.69
3810114.91        0.49720m (22120324)
        370658.98   3810145.90        0.41580m (22120324)                370696.21
3810129.83        0.43626m (22120324)
        370631.66   3810184.93        0.34555m (22120324)                370668.89
3810168.85        0.36729m (22120324)
        370706.12   3810152.78        0.38617m (22120324)                370671.30
3810276.74        0.24213m (22120324)
        370708.53   3810260.66        0.25438m (22120324)                370745.76
3810244.59        0.26649m (22120324)
        370729.56   3810360.51        0.18877m (22120324)                370766.79
3810344.43        0.19641m (22120324)
        370769.20   3810452.31        0.14965m (22120324)                370806.43
3810436.24        0.15456m (22120324)
        370808.84   3810544.12        0.12192m (22120324)                370846.07
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3810528.05   0.12516m (22120324)
        370867.09   3810627.89   0.10252m (22120324)   370904.32
3810611.82   0.10465m (22120324)
        370683.34   3810079.43   0.62068m (22120324)   370701.61
3810062.74   0.65886m (22120324)
        370719.87   3810046.06   0.69469m (22120324)   370738.14
3810029.37   0.73294m (22120324)
        370756.41   3810012.68   0.78433m (22120324)   370774.67
3809996.00   0.86983m (22120324)
        370700.20   3810097.89   0.51967m (22120324)   370718.47
3810081.20   0.55278m (22120324)
        370736.73   3810064.51   0.58701m (22120324)   370755.00
3810047.83   0.62582m (22120324)
        370773.27   3810031.14   0.67550m (22120324)   370791.53
3810014.46   0.74678m (22120324)
        370717.06   3810116.34   0.45609m (22120324)   370735.33
3810099.66   0.48527m (22120324)
        370753.60   3810082.97   0.51673m (22120324)   370771.86
3810066.29   0.55282m (22120324)

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370790.13   3810049.60   0.59745m (22120324)   370808.39
3810032.91   0.65678m (22120324)

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        370733.93   3810134.80        0.41010m (22120324)               370752.19
3810118.12        0.43601m (22120324)
        370770.46   3810101.43        0.46445m (22120324)               370788.72
3810084.74        0.49705m (22120324)
        370806.99   3810068.06        0.53629m (22120324)               370825.26
3810051.37        0.58605m (22120324)
        370782.83   3810220.62        0.28629m (22120324)               370819.64
3810191.95        0.31321m (22120324)
        370837.90   3810175.26        0.33120m (22120324)               370856.17
3810158.58        0.35123m (22120324)
        370874.43   3810141.89        0.37394m (22120324)               370892.70
3810125.20        0.40015m (22120324)
        370852.13   3810293.25        0.22268m (22120324)               370818.77
3810314.82        0.21117m (22120324)
        370887.08   3810265.78        0.23901m (22120324)               370905.35
3810249.09        0.25008m (22120324)
        370923.61   3810232.41        0.26201m (22120324)               370941.88
3810215.72        0.27496m (22120324)
        370960.15   3810199.04        0.28912m (22120324)               370917.72
3810368.28        0.17680m (22120324)
        370880.65   3810392.25        0.16874m (22120324)               370843.58
3810416.22        0.16084m (22120324)
        370954.53   3810339.61        0.18733m (22120324)               370972.79
3810322.92        0.19407m (22120324)
        370991.06   3810306.24        0.20108m (22120324)               371009.33
3810289.55        0.20839m (22120324)
        371027.59   3810272.87        0.21601m (22120324)               370983.85
3810442.97        0.14320m (22120324)
        370963.99   3810455.81        0.14051m (22120324)               370944.12
3810468.65        0.13778m (22120324)
        370924.26   3810481.49        0.13503m (22120324)               370904.40
3810494.33        0.13227m (22120324)
        370884.54   3810507.17        0.12949m (22120324)               371003.71
3810430.13        0.14585m (22120324)
        371021.97   3810413.44        0.14990m (22120324)               371040.24
3810396.76        0.15402m (22120324)
        371058.50   3810380.07        0.15818m (22120324)               371076.77
3810363.38        0.16237m (22120324)
        371095.04   3810346.70        0.16656m (22120324)               371052.62
3810515.94        0.11821m (22120324)
        371015.54   3810539.91        0.11504m (22120324)               370978.47
3810563.88        0.11169m (22120324)
        370941.40   3810587.85        0.10821m (22120324)               371089.42
3810487.27        0.12231m (22120324)
        371107.68   3810470.59        0.12489m (22120324)               371125.95
3810453.90        0.12744m (22120324)
        371144.22   3810437.22        0.12994m (22120324)               371162.48
3810420.53        0.13237m (22120324)
        370823.63   3810014.70        0.74946m (22120324)               370847.04
3810018.89        0.73426m (22120324)
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        370870.44   3810023.07        0.72079m (22120324)               370893.85
3810027.26        0.70761m (22120324)
        370917.25   3810031.44        0.69407m (22120324)               370940.66
3810035.63        0.67953m (22120324)
        370964.07   3810039.81        0.66369m (22120324)               370987.47
3810044.00        0.64606m (22120324)
        371010.88   3810048.18        0.62642m (22120324)               370866.04
3810047.68        0.60276m (22120324)
        370889.45   3810051.87        0.59048m (22120324)               370912.86
3810056.05        0.57814m (22120324)
        370936.26   3810060.24        0.56515m (22120324)               370959.67
3810064.42        0.55124m (22120324)
        370983.07   3810068.61        0.53603m (22120324)               371006.48
3810072.79        0.51932m (22120324)
        370861.64   3810072.29        0.52097m (22120324)               370885.05
3810076.48        0.50954m (22120324)
        370908.46   3810080.66        0.49820m (22120324)               370931.86
3810084.85        0.48647m (22120324)
        370955.27   3810089.03        0.47409m (22120324)               370978.67
3810093.21        0.46079m (22120324)
        371002.08   3810097.40        0.44634m (22120324)               370833.84
3810092.72        0.47048m (22120324)
        370857.24   3810096.90        0.45928m (22120324)               370880.65
3810101.09        0.44874m (22120324)
        370904.06   3810105.27        0.43836m (22120324)               370927.46
3810109.46        0.42775m (22120324)
        370950.87   3810113.64        0.41668m (22120324)               370974.27
3810117.82        0.40494m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
370997.68	3810122.01	0.39236m (22120324)	370722.61	3810174.42	0.34799m (22120324)
370746.02	3810178.60	0.33840m (22120324)	370769.43	3810182.79	0.32974m (22120324)
370792.83	3810186.97	0.32184m (22120324)	370863.05	3810199.53	0.30052m (22120324)
370886.46	3810203.71	0.29367m (22120324)	370909.86	3810207.89	0.28675m (22120324)
370980.08	3810220.45	0.26477m (22120324)	370728.42	3810277.04	0.24060m (22120324)
370751.83	3810281.23	0.23658m (22120324)	370798.64	3810289.60	0.22844m (22120324)
370892.26	3810306.33	0.21136m (22120324)	370915.67	3810310.52	0.20682m (22120324)
370939.08	3810314.70	0.20217m (22120324)	370710.82	3810375.48	0.18157m (22120324)
370757.63	3810383.85	0.17709m (22120324)	370781.04	3810388.04	0.17467m (22120324)
370898.07	3810408.96	0.16098m (22120324)	370740.04	3810482.29	0.14011m (22120324)
370763.44	3810486.47	0.13859m (22120324)	370786.85	3810490.66	0.13696m (22120324)
370927.29	3810515.77	0.12543m (22120324)	370745.84	3810584.91	0.11305m (22120324)
370769.25	3810589.10	0.11196m (22120324)	370792.66	3810593.28	0.11080m (22120324)
370816.06	3810597.47	0.10957m (22120324)	371046.60	3810082.60	0.47780m (22120324)
371071.06	3810084.32	0.46330m (22120324)	371095.51	3810086.05	0.44541m (22120324)
371119.96	3810087.78	0.42345m (22120324)	371144.42	3810089.51	0.39693m (22120324)
371044.84	3810107.53	0.41073m (22120324)	371069.29	3810109.26	0.39765m (22120324)
371093.75	3810110.99	0.38229m (22120324)	371118.20	3810112.72	0.36445m (22120324)
371142.66	3810114.45	0.34421m (22120324)	371018.62	3810130.74	0.37114m (22120324)
371043.08	3810132.47	0.36110m (22120324)	371067.53	3810134.20	0.34960m (22120324)
371091.99	3810135.93	0.33655m (22120324)	371116.44	3810137.66	0.32194m (22120324)
371140.89	3810139.38	0.30593m (22120324)	370997.98		

3810148.13 0.34704m (22120324)
371041.32 3810157.41 0.32251m (22120324) 371065.77
3810159.14 0.31248m (22120324)
371090.22 3810160.87 0.30137m (22120324) 371114.68
3810162.59 0.28922m (22120324)
371139.13 3810164.32 0.27617m (22120324) 370987.16
3810246.37 0.24163m (22120324)
370964.51 3810237.31 0.25240m (22120324) 370843.84
3810128.00 0.39977m (22120324)
371009.81 3810255.43 0.23107m (22120324) 371058.72
3810258.89 0.21954m (22120324)
371083.17 3810260.62 0.21325m (22120324) 371107.63
3810262.34 0.20666m (22120324)
371132.08 3810264.07 0.19982m (22120324) 370981.53
3810346.69 0.18113m (22120324)
370820.51 3810267.98 0.24264m (22120324) 370808.16
3810248.73 0.25878m (22120324)
371002.76 3810355.18 0.17490m (22120324) 371027.22
3810356.91 0.17132m (22120324)
371125.03 3810363.82 0.15543m (22120324) 370950.41
3810436.82 0.14758m (22120324)
370729.65 3810302.74 0.22232m (22120324) 370663.77
3810200.07 0.32056m (22120324)
371020.17 3810456.66 0.13620m (22120324) 371044.62
3810458.39 0.13372m (22120324)
371069.08 3810460.12 0.13113m (22120324) 370692.83
3810421.69 0.16151m (22120324)
370680.16 3810401.95 0.16956m (22120324) 370629.48
3810322.98 0.20941m (22120324)
371037.57 3810558.14 0.10985m (22120324) 371062.03
3810559.87 0.10807m (22120324)
371086.48 3810561.60 0.10623m (22120324) 371110.94
3810563.33 0.10434m (22120324)
370958.96 3810645.38 0.09683m (22120324) 370936.31
3810636.32 0.09913m (22120324)
370687.13 3810536.66 0.12465m (22120324) 370664.47
3810527.60 0.12687m (22120324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010

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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370589.11   3810436.41        0.15401m (22120324)               370483.70
3810272.14        0.23619m (22120324)
        370981.62   3810654.44        0.09454m (22120324)               371006.07
3810656.17        0.09339m (22120324)
        371030.53   3810657.89        0.09217m (22120324)               371054.98
3810659.62        0.09091m (22120324)
        371079.43   3810661.35        0.08960m (22120324)               371103.89
3810663.08        0.08825m (22120324)
        371167.52   3810080.61        0.39367m (22120324)               371165.45
3810108.66        0.33603m (22120324)
        371178.88   3810129.75        0.29398m (22120324)               371191.23
3810151.11        0.26219m (22120324)
        371165.18   3810157.71        0.27018m (22120324)               371244.97
3810235.44        0.18269m (22120324)
        371218.92   3810242.05        0.18765m (22120324)               371192.87
3810248.66        0.19205m (22120324)
        371166.82   3810255.26        0.19583m (22120324)               371298.70
3810319.78        0.13907m (22120324)
        371272.65   3810326.39        0.14230m (22120324)               371246.60
3810332.99        0.14531m (22120324)
        371220.55   3810339.60        0.14805m (22120324)               371194.50
3810346.21        0.15049m (22120324)
        371168.45   3810352.81        0.15262m (22120324)               371352.12
3810404.20        0.11110m (22120324)
        371325.10   3810411.05        0.11343m (22120324)               371298.09
3810417.90        0.11562m (22120324)
        371271.07   3810424.75        0.11767m (22120324)               371244.06
3810431.60        0.11955m (22120324)
        371217.04   3810438.45        0.12125m (22120324)               371190.03
3810445.30        0.12275m (22120324)
        371163.01   3810452.16        0.12404m (22120324)               371405.92
3810488.51        0.09156m (22120324)
        371379.10   3810495.32        0.09324m (22120324)               371352.29
3810502.12        0.09485m (22120324)
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        371325.47   3810508.92        0.09637m (22120324)                371298.65
3810515.72        0.09779m (22120324)
        371271.84   3810522.52        0.09910m (22120324)                371245.02
3810529.32        0.10030m (22120324)
        371218.20   3810536.12        0.10138m (22120324)                371191.39
3810542.92        0.10232m (22120324)
        371164.57   3810549.72        0.10313m (22120324)                371137.75
3810556.53        0.10381m (22120324)
        371459.70   3810572.84        0.07718m (22120324)                371433.01
3810579.61        0.07845m (22120324)
        371406.33   3810586.37        0.07966m (22120324)                371379.64
3810593.14        0.08082m (22120324)
        371352.96   3810599.91        0.08192m (22120324)                371326.27
3810606.68        0.08295m (22120324)
        371299.58   3810613.45        0.08390m (22120324)                371272.90
3810620.21        0.08478m (22120324)
        371246.21   3810626.98        0.08557m (22120324)                371219.53
3810633.75        0.08628m (22120324)
        371192.84   3810640.52        0.08689m (22120324)                371166.15
3810647.29        0.08741m (22120324)
        371139.47   3810654.05        0.08784m (22120324)                371179.09
3810059.53        0.43847m (22120324)
        371201.01   3810071.55        0.36395m (22120324)                371189.44
3810092.64        0.33989m (22120324)
        371204.09   3810042.27        0.42623m (22120324)                371226.01
3810071.55        0.32584m (22120324)
        371211.36   3810104.66        0.29869m (22120324)                371229.09
3810042.27        0.36418m (22120324)
        371249.98   3810075.56        0.29095m (22120324)                371230.45
3810119.71        0.26583m (22120324)
        371254.09   3810042.27        0.32002m (22120324)                371349.98
3810075.56        0.20806m (22120324)
        371341.76   3810107.63        0.19962m (22120324)                371333.55
3810139.69        0.19052m (22120324)
        371318.13   3810167.80        0.18573m (22120324)                371295.50
3810191.96        0.18455m (22120324)
        371272.87   3810216.12        0.18219m (22120324)                371354.09
3810042.27        0.21871m (22120324)
        371449.98   3810075.56        0.15973m (22120324)                371441.76
3810107.63        0.15567m (22120324)
        371433.55   3810139.69        0.15113m (22120324)                371425.33
3810171.75        0.14624m (22120324)
        371405.80   3810215.90        0.14129m (22120324)                371383.17
3810240.06        0.14123m (22120324)
        371360.55   3810264.22        0.14059m (22120324)                371337.92
3810288.38        0.13940m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371454.09	3810042.27	0.16515m	(22120324)	371549.98	3810075.56	0.12779m	(22120324)
371541.76	3810107.63	0.12559m	(22120324)	371533.55	3810139.69	0.12307m	(22120324)
371525.33	3810171.75	0.12029m	(22120324)	371517.11	3810203.82	0.11728m	(22120324)
371508.90	3810235.88	0.11410m	(22120324)	371493.47	3810263.99	0.11270m	(22120324)
371470.85	3810288.15	0.11294m	(22120324)	371448.22	3810312.31	0.11286m	(22120324)
371425.60	3810336.47	0.11245m	(22120324)	371402.97	3810360.63	0.11174m	(22120324)
371380.35	3810384.79	0.11074m	(22120324)	371554.09	3810042.27	0.13093m	(22120324)
371649.98	3810075.56	0.10512m	(22120324)	371641.76	3810107.63	0.10386m	(22120324)
371633.55	3810139.69	0.10238m	(22120324)	371625.33	3810171.75	0.10071m	(22120324)
371617.11	3810203.82	0.09886m	(22120324)	371608.90	3810235.88	0.09686m	(22120324)
371600.68	3810267.95	0.09474m	(22120324)	371581.15	3810312.09	0.09276m	(22120324)
371558.52	3810336.25	0.09308m	(22120324)	371535.90	3810360.41	0.09319m	(22120324)
371513.27	3810384.57	0.09311m	(22120324)	371490.65			

3810408.73 0.09283m (22120324)
371468.02 3810432.89 0.09235m (22120324) 371445.39
3810457.05 0.09169m (22120324)
371654.09 3810042.27 0.10707m (22120324) 371749.98
3810075.56 0.08829m (22120324)
371741.76 3810107.63 0.08755m (22120324) 371733.55
3810139.69 0.08665m (22120324)
371725.33 3810171.75 0.08561m (22120324) 371717.11
3810203.82 0.08444m (22120324)
371708.90 3810235.88 0.08314m (22120324) 371700.68
3810267.95 0.08174m (22120324)
371692.46 3810300.01 0.08025m (22120324) 371684.24
3810332.07 0.07869m (22120324)
371668.82 3810360.18 0.07809m (22120324) 371646.20
3810384.34 0.07842m (22120324)
371623.57 3810408.50 0.07861m (22120324) 371600.95
3810432.66 0.07867m (22120324)
371578.32 3810456.82 0.07859m (22120324) 371555.69
3810480.98 0.07838m (22120324)
371533.07 3810505.14 0.07804m (22120324) 371510.44
3810529.30 0.07758m (22120324)
371487.82 3810553.46 0.07700m (22120324) 371754.09
3810042.27 0.08956m (22120324)
371146.62 3810066.13 0.47142m (22120324) 371094.34
3810233.14 0.22967m (22120324)
371064.47 3810328.57 0.17917m (22120324) 371046.09
3810427.60 0.14291m (22120324)
371004.72 3810519.44 0.12044m (22120324) 370974.84
3810614.87 0.10168m (22120324)
371119.52 3810240.49 0.21775m (22120324) 371073.44
3810435.11 0.13795m (22120324)
371100.77 3810441.58 0.13334m (22120324) 371064.07
3810535.66 0.11300m (22120324)
371017.11 3810626.92 0.09782m (22120324) 371041.03
3810632.97 0.09576m (22120324)
371219.95 3810008.48 0.44748m (22120324) 371220.98
3809985.98 0.47872m (22120324)
371222.00 3809963.48 0.50145m (22120324) 371223.03
3809940.98 0.51760m (22120324)
371224.06 3809918.48 0.52907m (22120324) 371225.08
3809895.98 0.53722m (22120324)
371244.92 3810009.62 0.37353m (22120324) 371245.95
3809987.12 0.39522m (22120324)
371246.98 3809964.62 0.41305m (22120324) 371248.00
3809942.12 0.42720m (22120324)
371249.03 3809919.62 0.43819m (22120324) 371250.06
3809897.12 0.44663m (22120324)
371269.90 3810010.76 0.32456m (22120324) 371270.92
3809988.26 0.34063m (22120324)
371271.95 3809965.76 0.35462m (22120324) 371272.98

3809943.26 0.36640m (22120324)
  371274.00 3809920.76 0.37611m (22120324) 371275.03
3809898.26 0.38393m (22120324)
  371282.90 3810075.72 0.25763m (22120324) 371263.07
3810113.35 0.24638m (22120324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371211.52	3810140.91	0.25935m	(22120324)	371293.84	3810034.40	0.27511m	(22120324)
371294.87	3810011.90	0.28846m	(22120324)	371295.90	3809989.40	0.30089m	(22120324)
371296.92	3809966.90	0.31207m	(22120324)	371297.95	3809944.40	0.32183m	(22120324)
371298.98	3809921.90	0.33015m	(22120324)	371300.01	3809899.40	0.33710m	(22120324)
371382.80	3810080.28	0.18813m	(22120324)	371362.96	3810117.91	0.18504m	(22120324)
371323.29	3810193.18	0.17368m	(22120324)	371393.74	3810038.96	0.19514m	(22120324)
371394.77	3810016.46	0.20115m	(22120324)	371395.79	3809993.96	0.20687m	(22120324)
371396.82	3809971.46	0.21223m	(22120324)	371397.85	3809948.96	0.21717m	(22120324)

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        371398.87   3809926.46        0.22164m (22120324)               371399.90
3809903.96        0.22562m (22120324)
        371482.69   3810084.84        0.14625m (22120324)               371462.86
3810122.47        0.14541m (22120324)
        371423.19   3810197.74        0.14085m (22120324)               371383.52
3810273.01        0.13318m (22120324)
        371144.63   3810339.90        0.16139m (22120324)               371493.64
3810043.52        0.14977m (22120324)
        371494.66   3810021.02        0.15312m (22120324)               371495.69
3809998.52        0.15632m (22120324)
        371496.72   3809976.02        0.15933m (22120324)               371497.74
3809953.52        0.16215m (22120324)
        371498.77   3809931.02        0.16473m (22120324)               371499.80
3809908.52        0.16706m (22120324)
        371582.59   3810089.40        0.11801m (22120324)               371562.75
3810127.03        0.11801m (22120324)
        371443.75   3810352.84        0.10691m (22120324)               371225.67
3810415.36        0.12573m (22120324)
        371593.53   3810048.08        0.11996m (22120324)               371594.56
3810025.58        0.12202m (22120324)
        371595.59   3810003.08        0.12399m (22120324)               371596.61
3809980.58        0.12585m (22120324)
        371597.64   3809958.08        0.12758m (22120324)               371598.67
3809935.58        0.12918m (22120324)
        371599.69   3809913.08        0.13064m (22120324)               371681.96
3810094.95        0.09775m (22120324)
        371661.08   3810134.56        0.09807m (22120324)               371514.94
3810411.87        0.08966m (22120324)
        371504.50   3810431.67        0.08851m (22120324)               371472.15
3810456.08        0.08902m (22120324)
        371362.59   3810479.08        0.09726m (22120324)               371296.85
3810492.89        0.10171m (22120324)
        371253.03   3810502.09        0.10435m (22120324)               371209.21
3810511.29        0.10668m (22120324)
        371165.38   3810520.49        0.10865m (22120324)               371121.56
3810529.69        0.11023m (22120324)
        371693.43   3810052.64        0.09886m (22120324)               371694.45
3810030.14        0.10021m (22120324)
        371695.48   3810007.64        0.10150m (22120324)               371696.51
3809985.14        0.10272m (22120324)
        371697.54   3809962.64        0.10385m (22120324)               371698.56
3809940.14        0.10489m (22120324)
        371699.59   3809917.64        0.10584m (22120324)               371781.95
3810099.34        0.08255m (22120324)
        371761.25   3810138.61        0.08302m (22120324)               371668.12
3810315.32        0.08177m (22120324)
        371564.64   3810511.67        0.07484m (22120324)               371532.57
3810535.87        0.07521m (22120324)
        371445.68   3810554.11        0.08020m (22120324)               371402.24
3810563.23        0.08257m (22120324)
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        371358.80   3810572.35        0.08482m (22120324)               371315.36
3810581.48        0.08691m (22120324)
        371271.91   3810590.60        0.08881m (22120324)               371228.47
3810599.72        0.09049m (22120324)
        371185.03   3810608.84        0.09192m (22120324)               371141.58
3810617.96        0.09310m (22120324)
        371098.14   3810627.08        0.09400m (22120324)               371793.32
3810057.20        0.08320m (22120324)
        371794.35   3810034.70        0.08414m (22120324)               371795.38
3810012.20        0.08502m (22120324)
        371796.40   3809989.70        0.08585m (22120324)               371797.43
3809967.20        0.08662m (22120324)
        371798.46   3809944.70        0.08733m (22120324)               371799.49
3809922.20        0.08798m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        06:42:51

                                   PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        371214.78   3809870.57        0.60001m (22120324)               371243.11
3809869.32        0.47979m (22120324)
        371229.45   3809846.30        0.53815m (22120324)               371267.21
3809866.99        0.41308m (22120324)
        371257.78   3809845.06        0.44382m (22120324)               371288.89
3809854.93        0.37061m (22120324)
        371294.45   3809877.16        0.35395m (22120324)               371279.28
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3809832.30 0.39559m (22120324)
371375.20 3809805.13 0.26303m (22120324) 371381.37
3809829.84 0.25396m (22120324)
371387.55 3809854.55 0.24466m (22120324) 371393.73
3809879.25 0.23519m (22120324)
371365.28 3809781.27 0.27566m (22120324) 371461.31
3809754.57 0.20042m (22120324)
371467.73 3809780.23 0.19531m (22120324) 371474.14
3809805.89 0.18997m (22120324)
371480.56 3809831.55 0.18442m (22120324) 371486.97
3809857.21 0.17874m (22120324)
371493.38 3809882.86 0.17294m (22120324) 371451.28
3809730.24 0.20753m (22120324)
371547.19 3809703.07 0.15854m (22120324) 371553.37
3809727.78 0.15579m (22120324)
371559.55 3809752.48 0.15285m (22120324) 371565.72
3809777.19 0.14974m (22120324)
371571.90 3809801.90 0.14648m (22120324) 371578.08
3809826.61 0.14310m (22120324)
371584.25 3809851.31 0.13963m (22120324) 371590.43
3809876.02 0.13607m (22120324)
371537.28 3809679.20 0.16267m (22120324) 371633.26
3809652.32 0.12860m (22120324)
371639.58 3809677.59 0.12699m (22120324) 371645.90
3809702.86 0.12523m (22120324)
371652.21 3809728.12 0.12333m (22120324) 371658.53
3809753.39 0.12129m (22120324)
371664.85 3809778.66 0.11913m (22120324) 371671.16
3809803.93 0.11687m (22120324)
371677.48 3809829.20 0.11453m (22120324) 371683.80
3809854.47 0.11211m (22120324)
371690.11 3809879.74 0.10963m (22120324) 371623.27
3809628.17 0.13113m (22120324)
371719.31 3809601.48 0.10647m (22120324) 371725.72
3809627.14 0.10554m (22120324)
371732.14 3809652.80 0.10448m (22120324) 371738.55
3809678.45 0.10331m (22120324)
371744.97 3809704.11 0.10202m (22120324) 371751.38
3809729.77 0.10063m (22120324)
371757.79 3809755.43 0.09915m (22120324) 371764.21
3809781.08 0.09759m (22120324)
371770.62 3809806.74 0.09596m (22120324) 371777.04
3809832.40 0.09427m (22120324)
371783.45 3809858.06 0.09252m (22120324) 371789.86
3809883.72 0.09073m (22120324)
371709.27 3809577.14 0.10808m (22120324) 371346.42
3809991.86 0.24459m (22120324)
371426.40 3810051.89 0.17508m (22120324) 371506.38
3810111.91 0.13437m (22120324)
371586.37 3810171.93 0.10770m (22120324) 371666.35

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)

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        371414.96   3809663.37        0.23342m (22120324)               371412.32
3809620.70        0.23344m (22120324)
        371409.68   3809578.03        0.23180m (22120324)               371514.39
3809699.70        0.17302m (22120324)
        371514.77   3809657.20        0.17249m (22120324)               371512.13
3809614.53        0.17239m (22120324)
        371509.49   3809571.86        0.17130m (22120324)               371614.38
3809691.17        0.13452m (22120324)
        371611.36   3809728.80        0.13523m (22120324)               371611.94
3809608.35        0.13409m (22120324)
        371609.30   3809565.68        0.13339m (22120324)               371714.08
3809686.34        0.10846m (22120324)
        371710.84   3809726.66        0.10902m (22120324)               371707.79
3809538.17        0.10726m (22120324)
        371813.81   3809681.17        0.08978m (22120324)               371810.41
3809723.50        0.09024m (22120324)
        371807.01   3809765.83        0.09043m (22120324)               371814.19
3809638.67        0.08953m (22120324)
        371811.55   3809596.00        0.08949m (22120324)               371808.91
3809553.33        0.08918m (22120324)
        371220.42   3809538.97        0.56484m (22120324)               371200.28
3809503.49        0.66291m (22120324)
        371252.23   3809544.37        0.45290m (22120324)               371232.09
3809508.89        0.50278m (22120324)
        371273.97   3809532.04        0.39566m (22120324)               371253.84
3809496.56        0.42924m (22120324)
        371299.99   3809534.09        0.34748m (22120324)               371285.65
3809501.96        0.36205m (22120324)
        371265.51   3809466.48        0.38607m (22120324)               371387.82
3809487.61        0.23505m (22120324)
        371398.09   3809522.16        0.23333m (22120324)               371372.62
3809452.60        0.23920m (22120324)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                 PAGE 162
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
371352.49	3809417.12	0.24565m (22120324)	371475.16	3809439.50	0.17320m (22120324)
371486.16	3809476.50	0.17314m (22120324)	371497.16	3809513.51	0.17218m (22120324)
371459.59	3809403.25	0.17452m (22120324)	371439.46	3809367.77	0.17707m (22120324)
371562.34	3809390.83	0.13460m (22120324)	371573.75	3809429.21	0.13502m (22120324)
371585.16	3809467.59	0.13484m (22120324)	371596.57	3809505.97	0.13409m (22120324)
371546.56	3809353.90	0.13504m (22120324)	371526.43	3809318.42	0.13632m (22120324)
371648.95	3809340.27	0.10847m (22120324)	371659.65	3809376.26	0.10898m (22120324)
371670.35	3809412.24	0.10916m (22120324)	371681.04	3809448.22	0.10901m (22120324)
371691.74	3809484.20	0.10854m (22120324)	371633.54	3809304.54	0.10861m (22120324)
371613.40	3809269.06	0.10936m (22120324)	371736.08	3809291.44	0.08981m (22120324)
371747.08	3809328.45	0.09030m (22120324)	371758.08	3809365.46	0.09057m (22120324)
371769.09	3809402.46	0.09060m (22120324)	371780.09	3809439.47	0.09039m (22120324)
371791.09	3809476.48	0.08997m (22120324)	371802.09	3809513.49	0.08932m (22120324)
371720.51	3809255.19	0.08982m (22120324)	371700.38	3809219.71	0.09029m (22120324)
371213.90	3809479.62	0.56345m (22120324)	371371.98	3809566.64	0.26319m (22120324)
371468.70	3809592.05	0.19367m (22120324)	371479.88	3809549.49	0.18416m (22120324)
371565.41	3809617.46	0.15017m (22120324)	371576.59	3809574.90	0.14447m (22120324)
371662.13	3809642.86	0.12056m (22120324)	371673.31	3809600.30	0.11694m (22120324)
371758.85	3809668.27	0.09931m (22120324)	371770.03	3809625.71	0.09691m (22120324)
371231.90	3809459.40	0.47299m (22120324)	371348.34		

3809595.09   0.29229m (22120324)
        371438.82   3809641.46   0.21515m (22120324)   371240.09
3809428.48   0.42224m (22120324)
        371246.85   3809388.73   0.36805m (22120324)   371264.74
3809432.67   0.36737m (22120324)
        371271.50   3809392.92   0.32738m (22120324)   371286.01
3809456.74   0.34207m (22120324)
        371292.76   3809416.99   0.31107m (22120324)   371299.52
3809377.24   0.28036m (22120324)
        371304.23   3809475.64   0.32168m (22120324)   371314.03
3809441.05   0.29455m (22120324)
        371320.79   3809401.30   0.26957m (22120324)   371409.24
3809477.68   0.21709m (22120324)
        371416.00   3809437.93   0.20465m (22120324)   371422.75
3809398.18   0.19211m (22120324)
        371511.21   3809474.56   0.16187m (22120324)   371517.96
3809434.81   0.15458m (22120324)
        371598.70   3809528.85   0.13482m (22120324)   371544.72
3809652.49   0.15919m (22120324)
        371613.17   3809471.43   0.12698m (22120324)   371619.93
3809431.68   0.12231m (22120324)
        371688.94   3809564.74   0.11226m (22120324)   371708.38
3809508.06   0.10605m (22120324)
        371715.14   3809468.31   0.10302m (22120324)   371788.17
3809580.02   0.09306m (22120324)
        371813.72   3809485.07   0.08676m (22120324)   371225.14
3809339.67   0.35082m (22120324)
        371181.23   3809340.45   0.44367m (22120324)   371137.32
3809341.23   0.55048m (22120324)
        371244.09   3809323.38   0.30536m (22120324)   371269.18
3809352.56   0.29990m (22120324)
        371202.74   3809315.07   0.34991m (22120324)   371158.83
3809315.85   0.41815m (22120324)
        371243.65   3809298.38   0.28278m (22120324)   371288.14
3809336.26   0.26762m (22120324)
        371202.29   3809290.07   0.31633m (22120324)   371158.38
3809290.85   0.36619m (22120324)
        371243.21   3809273.38   0.26366m (21011024)   371282.01
3809290.78   0.24459m (22120324)
        371307.10   3809319.96   0.24175m (22120324)   371318.48
3809360.94   0.25292m (22120324)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371201.85   3809265.08   0.28911m (22120324)   371157.94
3809265.86   0.33235 (20012724)
        371241.43   3809173.40   0.22350 (20010624)   371280.23
3809190.80   0.20655 (20010624)
        371319.03   3809208.19   0.19382 (22121624)   371357.84
3809225.59   0.18075 (22121624)
        371382.93   3809254.77   0.17369m (22120324)   371394.31
3809295.75   0.18046m (22120324)
        371405.68   3809336.72   0.18616m (22120324)   371200.07
3809165.09   0.23834 (20011824)
        371156.16   3809165.87   0.26108 (20012724)   371239.65
3809073.42   0.19417 (20010624)
        371278.46   3809090.81   0.18705 (20010624)   371317.26
3809108.21   0.17459 (20010624)
        371356.06   3809125.60   0.16470 (22121624)   371394.86
3809143.00   0.15744 (22121624)
        371433.66   3809160.40   0.14740 (22121624)   371458.76
3809189.58   0.14005 (22121624)
        371470.13   3809230.55   0.13845m (22120324)   371481.51
3809271.53   0.14245m (22120324)
        371492.89   3809312.50   0.14583m (22120324)   371504.27
3809353.47   0.14847m (22120324)
        371515.65   3809394.44   0.15029m (22120324)   371198.30
3809065.11   0.20575 (20011824)
        371154.39   3809065.89   0.22124 (20012724)   371237.88
3808973.43   0.17443 (20011824)
        371276.68   3808990.83   0.16727 (20010624)   371315.48
3809008.22   0.16110 (20010624)
        371354.28   3809025.62   0.15135 (20010624)   371393.09
3809043.02   0.14254 (22121624)

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        371431.89   3809060.41        0.13852  (22121624)              371470.69
3809077.81        0.13219  (22121624)
        371509.49   3809095.20        0.12404  (22121624)              371534.58
3809124.39        0.11795  (22121624)
        371545.96   3809165.36        0.11375  (22121624)              371557.34
3809206.33        0.11381m (22120324)
        371568.72   3809247.31        0.11639m (22120324)              371580.10
3809288.28        0.11856m (22120324)
        371591.48   3809329.25        0.12028m (22120324)              371602.86
3809370.22        0.12149m (22120324)
        371196.52   3808965.12        0.18228  (20011824)              371152.61
3808965.90        0.19487  (20012724)
        371236.10   3808873.45        0.15818  (20011824)              371274.90
3808890.84        0.15291  (20011824)
        371313.71   3808908.24        0.14674  (20010624)              371352.51
3808925.64        0.14143  (20010624)
        371391.31   3808943.03        0.13349  (20010624)              371430.11
3808960.43        0.12481  (22121624)
        371468.92   3808977.82        0.12280  (22121624)              371507.72
3808995.22        0.11892  (22121624)
        371546.52   3809012.62        0.11339  (22121624)              371585.32
3809030.01        0.10656  (22121624)
        371610.41   3809059.20        0.10137  (22121624)              371621.79
3809100.17        0.09767  (22121624)
        371633.17   3809141.14        0.09366m (22120324)              371644.55
3809182.11        0.09567m (22120324)
        371655.93   3809223.09        0.09743m (22120324)              371667.31
3809264.06        0.09891m (22120324)
        371678.69   3809305.03        0.10008m (22120324)              371690.07
3809346.01        0.10091m (22120324)
        371701.44   3809386.98        0.10140m (22120324)              371712.82
3809427.95        0.10152m (22120324)
        371194.74   3808865.14        0.16332  (20011824)              371150.83
3808865.92        0.17502  (20012724)
        371234.32   3808773.46        0.14375  (20011824)              371273.13
3808790.86        0.14077  (20011824)
        371311.93   3808808.25        0.13581  (20011824)              371350.73
3808825.65        0.13051  (20010624)
        371389.53   3808843.05        0.12591  (20010624)              371428.34
3808860.44        0.11928  (20010624)
        371467.14   3808877.84        0.11093  (20010624)              371505.94
3808895.24        0.10951  (22121624)
        371544.74   3808912.63        0.10730  (22121624)              371583.55
3808930.03        0.10366  (22121624)
        371622.35   3808947.42        0.09879  (22121624)              371661.15
3808964.82        0.09294  (22121624)
        371686.24   3808994.00        0.08844  (22121624)              371697.62
3809034.98        0.08515  (22121624)
        371709.00   3809075.95        0.08103  (22121624)              371720.38
3809116.92        0.08039m (22120324)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371731.76	3809157.90	0.08182m	(22120324)	371743.14	3809198.87	0.08307m	(22120324)
371754.52	3809239.84	0.08412m	(22120324)	371765.89	3809280.81	0.08495m	(22120324)
371777.27	3809321.79	0.08555m	(22120324)	371788.65	3809362.76	0.08590m	(22120324)
371800.03	3809403.73	0.08600m	(22120324)	371811.41	3809444.70	0.08584m	(22120324)
371192.97	3808765.15	0.14831	(20012724)	371149.06	3808765.93	0.15859	(20012724)
371114.74	3809341.85	0.59515m	(22120324)	371070.05	3809343.06	0.67321m	(22120324)
371025.36	3809344.27	0.78298m	(22120324)	371114.06	3809316.86	0.48626m	(22120324)
371069.37	3809318.07	0.55157m	(22120324)	371024.69	3809319.28	0.64146m	(22120324)
371135.72	3809291.26	0.39258m	(22120324)	371091.04	3809292.47	0.44528m	(22120324)
371046.35	3809293.68	0.50419m	(22120324)	371001.66	3809294.90	0.58897m	(22120324)
371135.05	3809266.27	0.35221	(20012724)	371090.36			

3809267.48 0.39274m (22120324)
371045.67 3809268.69 0.44103m (22120324) 371000.99
3809269.91 0.50249m (22120324)
371132.33 3809166.30 0.27483 (20012724) 371087.64
3809167.52 0.29717 (20012724)
371042.96 3809168.73 0.31952 (20012724) 370998.27
3809169.94 0.34466 (20012724)
371129.62 3809066.34 0.23219 (20012724) 371084.93
3809067.55 0.25045 (20012724)
371040.24 3809068.77 0.26825 (20012724) 370995.56
3809069.98 0.28679 (20012724)
371126.90 3808966.38 0.20391 (20012724) 371082.22
3808967.59 0.21856 (20012724)
371037.53 3808968.80 0.23216 (20012724) 370992.84
3808970.02 0.24491 (20012724)
371124.19 3808866.41 0.18235 (20012724) 371079.50
3808867.63 0.19358 (20012724)
371034.82 3808868.84 0.20352 (20012724) 370990.13
3808870.05 0.21275 (20012724)
371121.47 3808766.45 0.16435 (20012724) 371076.79
3808767.66 0.17263 (20012724)
371032.10 3808768.88 0.17982 (20012724) 370987.41
3808770.09 0.18694 (20012724)
371028.69 3809369.08 1.02929m (22120324) 371053.68
3809368.30 0.95977m (22120324)
371078.66 3809367.51 0.90507m (22120324) 371103.65
3809366.72 0.85110m (22120324)
371203.60 3809363.57 0.44256m (22120324) 371601.97
3809305.59 0.11543m (22120324)
370967.46 3809295.55 0.67783m (22120324) 371023.31
3809282.64 0.50594m (22120324)
370970.16 3809270.70 0.55767m (22120324) 371026.01
3809257.79 0.43917m (22120324)
370991.61 3809247.88 0.45732m (22120324) 370954.11
3809243.81 0.49935m (22120324)
371028.71 3809232.93 0.38818m (22120324) 371060.00
3809248.67 0.38719m (22120324)
370994.31 3809223.03 0.40250m (22120324) 370956.81
3809218.95 0.43383m (22120324)
371039.51 3809133.52 0.29987 (20012724) 371070.79
3809149.25 0.29432 (20012724)
371155.65 3809204.78 0.28419 (20012724) 371168.94
3809237.18 0.29618 (20012724)
371005.11 3809123.61 0.31087 (20012724) 370967.60
3809119.54 0.32817 (20012724)
371050.30 3809034.10 0.25072 (20012724) 371159.81
3809089.17 0.22647 (20012724)
371191.09 3809104.90 0.21993 (20011824) 371229.02
3809136.84 0.21614 (20010624)
371255.60 3809201.63 0.22445 (20010624) 371268.89

3809234.03   0.22550m (21011024)
        371282.19   3809266.43   0.23243m (21011024)   371015.91
3809024.20   0.25888 (20012724)
        370978.40   3809020.12   0.26958 (20012724)   371062.14
3808935.21   0.21520 (20012724)
        371178.95   3808993.95   0.19242 (20011824)   371212.32
3809010.73   0.18846 (20011824)
        371245.69   3809027.51   0.18235 (20011824)   371279.06
3809044.30   0.17726 (20010624)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        371302.84   3809069.97   0.17467 (20010624)   371331.19
3809139.09   0.17350 (22121624)
        371345.37   3809173.65   0.17715 (22121624)   371026.70
3808924.78   0.22117 (20012724)
        370989.20   3808920.71   0.22860 (20012724)   371072.72
3808835.68   0.18773 (20012724)
        371105.65   3808852.25   0.18407 (20012724)   371171.52
3808885.37   0.17237 (20012724)
        371204.45   3808901.93   0.16845 (20011824)   371237.38
3808918.49   0.16510 (20011824)
        371270.32   3808935.05   0.15999 (20011824)   371303.25
3808951.62   0.15518 (20010624)

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        371336.18   3808968.18        0.15026  (20010624)              371376.11
3809001.79        0.14220  (20010624)
        371404.09   3809070.00        0.14506  (22121624)              371418.08
3809104.11        0.14670  (22121624)
        371037.50   3808825.37        0.19200  (20012724)              370999.99
3808821.29        0.19750  (20012724)
        371083.37   3808736.20        0.16558  (20012724)              371181.31
3808785.45        0.15396  (20012724)
        371213.96   3808801.87        0.15032  (20011824)              371246.61
3808818.28        0.14838  (20011824)
        371279.25   3808834.70        0.14499  (20011824)              371311.90
3808851.12        0.14002  (20011824)
        371344.55   3808867.54        0.13628  (20010624)              371377.19
3808883.96        0.13195  (20010624)
        371409.84   3808900.37        0.12592  (20010624)              371449.42
3808933.70        0.11917  (22121624)
        371477.16   3809001.31        0.12422  (22121624)              371491.03
3809035.12        0.12489  (22121624)
        371504.89   3809068.93        0.12414  (22121624)              371048.30
3808725.95        0.16863  (20012724)
        371010.79   3808721.88        0.17275  (20012724)              371130.62
3809235.69        0.32467  (20012724)
        371235.07   3809238.10        0.25014  (20010624)              371226.97
3809208.93        0.24374  (20010624)
        371323.33   3809182.18        0.18605  (22121624)              371427.78
3809184.59        0.15054  (22121624)
        371524.13   3809157.83        0.12018  (22121624)              370932.62
3809258.34        0.59513m (22120324)
        370899.12   3809241.05        0.60687m (22120324)              370927.34
3809227.48        0.49531m (22120324)
        370938.80   3809205.26        0.42582m (22120324)              370983.77
3809200.33        0.37894  (20012724)
        370950.27   3809183.05        0.39012  (20012724)              371096.95
3809194.28        0.30995  (20012724)
        371029.62   3809111.47        0.29265  (20012724)              370996.12
3809094.18        0.29894  (20012724)
        371087.13   3809036.94        0.23852  (20012724)              371133.75
3809094.27        0.24065  (20012724)
        371157.05   3809122.93        0.24070  (20012724)              371180.36
3809151.60        0.24097  (20011824)
        371041.98   3809005.32        0.24315  (20012724)              371204.51
3809036.03        0.19643  (20011824)
        371252.04   3809094.49        0.19646  (20010624)              371275.80
3809123.72        0.19512  (20010624)
        371299.56   3809152.95        0.18924  (20010624)              371121.34
3808933.74        0.19779  (20012724)
        371087.84   3808916.45        0.20328  (20012724)              371247.53
3808943.68        0.16695  (20011824)
        371327.87   3809042.49        0.16210  (20010624)              371350.82
3809070.73        0.15659  (20010624)
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        371373.77   3809098.96        0.15578  (22121624)                371167.19
3808844.87        0.16676  (20012724)
        371133.69   3808827.58        0.17251  (20012724)                371317.93
3808885.00        0.14277  (20010624)
        371387.85   3808971.00        0.13642  (20010624)                371411.16
3808999.67        0.13294  (22121624)
        371434.46   3809028.33        0.13398  (22121624)                371457.77
3809057.00        0.13313  (22121624)
        371179.55   3808738.72        0.14799  (20012724)                370867.46
3809234.56        0.66063m (22120324)
        370843.15   3809230.50        0.75189m (22120324)                370895.89
3809213.95        0.50811m (22120324)
        370871.58   3809209.90        0.54744m (22120324)                370900.00
3809189.29        0.44462  (20012724)
        370875.69   3809185.24        0.47796m (22120324)                370918.81
3809169.52        0.40350  (20012724)
        370879.80   3809160.58        0.42817m (22120324)                370940.17
3809072.51        0.31097  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                   PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370896.26   3809061.94        0.32475  (20012724)                370959.07
3808974.69        0.25589  (20012724)
        370937.02   3808967.36        0.25949  (20012724)                371012.28
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3808888.26 0.21354 (20012724)
371051.48 3808901.29 0.20855 (20012724) 371011.93
3808784.04 0.18632 (20012724)
371053.94 3808798.00 0.18281 (20012724) 371095.94
3808811.96 0.17794 (20012724)
370945.62 3808766.03 0.19528 (20012724) 370921.31
3808761.97 0.20437 (20012724)
371008.43 3808678.78 0.16460 (20012724) 371030.48
3808686.10 0.16326 (20012724)
371052.54 3808693.43 0.16195 (20012724) 371074.59
3808700.76 0.16045 (20012724)
371096.64 3808708.09 0.15862 (20012724) 371118.69
3808715.42 0.15636 (20012724)
371140.75 3808722.75 0.15362 (20012724) 370986.38
3808671.45 0.16627 (20012724)
370962.07 3808667.39 0.16966 (20012724) 370937.76
3808663.34 0.17429 (20012724)
371339.04 3809255.16 0.19495m (21011024) 371439.04
3809255.16 0.15291m (22120324)
370908.89 3809261.42 0.69635m (22120324) 371333.84
3809341.70 0.23163m (22120324)
371397.80 3809452.69 0.21994m (22120324) 370889.69
3809134.21 0.38474 (20012724)
370883.21 3809090.99 0.35316 (20012724) 370876.73
3809047.77 0.33833m (22120324)
370914.42 3809130.50 0.36665 (20012724) 370907.93
3809087.28 0.33523 (20012724)
370898.21 3809022.45 0.30145 (20012724) 370942.38
3809148.40 0.36525 (20012724)
370935.90 3809105.18 0.33474 (20012724) 370926.17
3809040.35 0.29776 (20012724)
370965.18 3809161.78 0.36009 (20012724) 370950.90
3809036.65 0.28673 (20012724)
371059.08 3809191.38 0.32682 (20012724) 371062.76
3809108.25 0.27670 (20012724)
371151.92 3809028.59 0.21107 (20012724) 371259.17
3809141.21 0.20624 (20010624)
371257.30 3809056.97 0.18569 (20010624) 371355.47
3809149.44 0.16949 (22121624)
371338.65 3809298.98 0.21063m (22120324) 371349.71
3808998.92 0.15014 (20010624)
371456.96 3809111.54 0.13780 (22121624) 371445.42
3809214.07 0.14474 (22121624)
371436.20 3809296.10 0.16289m (22120324) 371431.58
3809337.12 0.17400m (22120324)
371451.85 3809005.69 0.12847 (22121624) 370877.58
3809012.03 0.31924m (22120324)
370881.83 3808989.54 0.29989m (22120324) 370890.34
3808944.56 0.27397 (20012724)
370894.60 3808922.07 0.26315 (20012724) 370898.85

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3808899.59        0.25313  (20012724)
        370914.91   3808949.21        0.26076  (20012724)                370919.16
3808926.72        0.25076  (20012724)
        370923.42   3808904.23        0.24144  (20012724)                370931.93
3808859.26        0.22438  (20012724)
        370930.96   3808998.84        0.27512  (20012724)                370943.73
3808931.37        0.24373  (20012724)
        370947.98   3808908.88        0.23475  (20012724)                370956.49
3808863.90        0.21836  (20012724)
        370955.53   3809003.48        0.26924  (20012724)                370968.29
3808936.02        0.23880  (20012724)
        370976.80   3808891.04        0.22188  (20012724)                371173.32
3808928.22        0.17963  (20012724)
        371267.32   3808969.30        0.16581  (20011824)                371344.30
3809100.33        0.16181  (22121624)
        371459.58   3809028.97        0.12994  (22121624)                370904.45
3808837.47        0.23263  (20012724)
        370892.30   3808816.40        0.23979  (20012724)                370880.14
3808795.33        0.25566  (20012724)
        370926.11   3808824.98        0.21717  (20012724)                370913.95
3808803.91        0.21830  (20012724)
        370901.80   3808782.84        0.22318  (20012724)                370950.67
3808829.62        0.21006  (20012724)
        370935.61   3808791.41        0.20479  (20012724)                370973.30
3808822.84        0.20291  (20012724)
        370977.18   3808845.70        0.20841  (20012724)                370969.42
3808799.99        0.19770  (20012724)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371056.04	3808750.02	0.17233	(20012724)	371158.18	3808791.46	0.16051	(20012724)
371162.05	3808814.32	0.16317	(20012724)	371142.66	3808700.05	0.14992	(20012724)
371130.50	3808678.98	0.14887	(20012724)	371118.35	3808657.91	0.14759	(20012724)
371233.16	3808672.93	0.13028	(20011824)	371237.04	3808695.79	0.13298	(20011824)
371240.92	3808718.64	0.13563	(20011824)	371244.80	3808741.49	0.13825	(20011824)
371264.19	3808855.76	0.15050	(20011824)	371229.28	3808650.08	0.12755	(20011824)
371217.12	3808629.01	0.12775	(20012724)	371204.97	3808607.94	0.12785	(20012724)
371319.78	3808622.96	0.11747	(20011824)	371323.66	3808645.82	0.11906	(20011824)
371327.54	3808668.67	0.12057	(20011824)	371331.42	3808691.52	0.12198	(20011824)
371335.29	3808714.38	0.12329	(20011824)	371339.17	3808737.23	0.12450	(20011824)
371343.05	3808760.09	0.12559	(20011824)	371346.93	3808782.94	0.12655	(20011824)
371315.90	3808600.11	0.11580	(20011824)	371303.74	3808579.04	0.11487	(20011824)
371291.59	3808557.97	0.11365	(20011824)	371406.40	3808572.99	0.10352	(20011824)
371410.28	3808595.85	0.10414	(20011824)	371414.16	3808618.70	0.10465	(20011824)
371418.04	3808641.55	0.10561	(20010624)	371421.91	3808664.41	0.10698	(20010624)
371425.79	3808687.26	0.10824	(20010624)	371429.67	3808710.12	0.10939	(20010624)
371433.55	3808732.97	0.11042	(20010624)	371437.43	3808755.82	0.11131	(20010624)
371441.31	3808778.68	0.11205	(20010624)	371445.19	3808801.53	0.11262	(20010624)
371449.07	3808824.38	0.11301	(20010624)	371452.95	3808847.24	0.11321	(20010624)
371464.58	3808915.80	0.11546	(22121624)	371402.52	3808550.14	0.10279	(20011824)
371390.36	3808529.07	0.10298	(20011824)	371378.21	3808508.00	0.10288	(20011824)
370877.65	3808756.30	0.24512	(20012724)	370874.81	3808731.98	0.23531	(20012724)

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        370871.97   3808707.67        0.22406  (20012724)                370899.64
3808729.09        0.20982  (20012724)
        370896.80   3808704.77        0.20309  (20012724)                370924.47
3808726.19        0.19418  (20012724)
        370921.63   3808701.88        0.18922  (20012724)                370949.30
3808723.29        0.18451  (20012724)
        370946.47   3808698.98        0.17998  (20012724)                371255.79
3808761.45        0.13955  (20011824)
        371448.77   3808689.64        0.10554  (20010624)                371445.93
3808665.33        0.10435  (20010624)
        371443.09   3808641.02        0.10307  (20010624)                370845.48
3808685.63        0.21180  (20012724)
        370821.17   3808687.25        0.18712  (21022824)                370861.47
3808666.41        0.19632  (20012724)
        370859.81   3808641.46        0.17560  (20012724)                370903.95
3808669.24        0.18679  (20012724)
        370858.14   3808616.52        0.15925  (20012724)                370893.45
3808627.98        0.17217  (20012724)
        370874.19   3808524.10        0.12879  (20012724)                370914.54
3808537.20        0.14065  (20012724)
        370954.89   3808550.29        0.14550  (20012724)                370985.17
3808575.49        0.14872  (20012724)
        371005.38   3808612.79        0.15323  (20012724)                371025.59
3808650.09        0.15737  (20012724)
        370890.74   3808431.85        0.11109  (20012724)                370933.11
3808445.60        0.12093  (20012724)
        370975.48   3808459.35        0.12706  (20012724)                371017.85
3808473.10        0.12959  (20012724)
        371049.64   3808499.55        0.13210  (20012724)                371070.86
3808538.72        0.13597  (20012724)
        371092.08   3808577.88        0.13937  (20012724)                371113.29
3808617.05        0.14242  (20012724)
        370907.45   3808339.65        0.09852  (20012724)                370929.18
3808346.70        0.10288  (20012724)
        370950.91   3808353.75        0.10676  (20012724)                370972.63
3808360.80        0.11007  (20012724)
↟ *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51

                                   PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370994.36	3808367.85	0.11273	(20012724)	371016.09	3808374.90	0.11473	(20012724)
371037.82	3808381.95	0.11611	(20012724)	371059.54	3808389.00	0.11691	(20012724)
371081.27	3808396.05	0.11722	(20012724)	371113.88	3808423.19	0.11872	(20012724)
371124.76	3808443.27	0.12016	(20012724)	371135.64	3808463.36	0.12146	(20012724)
371146.52	3808483.44	0.12260	(20012724)	371157.40	3808503.52	0.12361	(20012724)
371168.28	3808523.61	0.12448	(20012724)	371179.16	3808543.69	0.12519	(20012724)
371190.04	3808563.78	0.12574	(20012724)	371200.92	3808583.86	0.12611	(20012724)
370924.23	3808247.48	0.08877	(20012724)	370946.29	3808254.64	0.09242	(20012724)
370968.36	3808261.80	0.09577	(20012724)	370990.43	3808268.96	0.09872	(20012724)
371012.49	3808276.12	0.10123	(20012724)	371034.56	3808283.28	0.10325	(20012724)
371056.63	3808290.44	0.10479	(20012724)	371078.70	3808297.60	0.10584	(20012724)
371100.76	3808304.75	0.10644	(20012724)	371122.83	3808311.91	0.10661	(20012724)
371144.90	3808319.07	0.10639	(20012724)	371178.01	3808346.63	0.10685	(20012724)
371189.06	3808367.03	0.10771	(20012724)	371200.11	3808387.43	0.10843	(20012724)
371211.16	3808407.83	0.10898	(20012724)	371222.21	3808428.23	0.10937	(20012724)
371233.26	3808448.62	0.10960	(20012724)	371244.32	3808469.02	0.10966	(20012724)
371255.37	3808489.42	0.10953	(20012724)	371266.42	3808509.82	0.10988	(20011824)
371277.47	3808530.22	0.11159	(20011824)	370918.74			

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3808148.07        0.07751  (20012724)
        370941.04   3808155.31        0.08082  (20012724)                370963.34
3808162.54        0.08395  (20012724)
        370985.64   3808169.78        0.08685  (20012724)                371007.94
3808177.02        0.08946  (20012724)
        371030.24   3808184.25        0.09175  (20012724)                371052.53
3808191.49        0.09367  (20012724)
        371074.83   3808198.72        0.09521  (20012724)                371097.13
3808205.96        0.09636  (20012724)
        371119.43   3808213.19        0.09711  (20012724)                371141.73
3808220.43        0.09747  (20012724)
        371164.03   3808227.66        0.09747  (20012724)                371186.33
3808234.90        0.09713  (20012724)
        371208.63   3808242.13        0.09645  (20012724)                371242.09
3808269.98        0.09597  (20012724)
        371253.26   3808290.59        0.09633  (20012724)                371264.43
3808311.21        0.09653  (20012724)
        371275.59   3808331.82        0.09658  (20012724)                371286.76
3808352.43        0.09646  (20012724)
        371297.93   3808373.05        0.09636  (20011824)                371309.09
3808393.66        0.09797  (20011824)
        371320.26   3808414.27        0.09942  (20011824)                371331.43
3808434.89        0.10068  (20011824)
        371342.59   3808455.50        0.10176  (20011824)                371353.76
3808476.11        0.10263  (20011824)
        370807.24   3808111.90        0.06041  (21022824)                370782.93
3808113.52        0.05982  (21022824)
        370850.78   3808734.63        0.27888  (20012724)                370853.16
3808759.51        0.34615m (22120324)
        370861.00   3809110.37        0.42956m (22120324)                370826.58
3808651.51        0.15795  (20012724)
        370934.22   3808562.55        0.14884  (20012724)                370954.83
3808592.62        0.15507  (20012724)
        370975.43   3808622.70        0.15866  (20012724)                370903.31
3808517.43        0.13345  (20012724)
        370971.99   3808481.43        0.13112  (20012724)                370992.59
3808511.51        0.13666  (20012724)
        371013.20   3808541.59        0.14072  (20012724)                371033.81
3808571.67        0.14382  (20012724)
        371054.41   3808601.74        0.14651  (20012724)                371075.02
3808631.82        0.14901  (20012724)
        371095.62   3808661.90        0.15124  (20012724)                371095.69
3808788.77        0.17341  (20012724)
        370930.77   3808421.27        0.11585  (20012724)                371009.75
3808400.31        0.11831  (20012724)
 *** AERMOD - VERSION 24142  ***   *** C:\USERS\ENUNO\ONEDRIVE -
DUDEK\DESKTOP\HARP2\HARP\BELCARO\BELCARO.I ***        08/07/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        06:42:51
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
371030.36	3808430.39	0.12294	(20012724)	371050.96	3808460.47	0.12662	(20012724)
371071.57	3808490.55	0.12951	(20012724)	371092.18	3808520.63	0.13183	(20012724)
371112.78	3808550.71	0.13372	(20012724)	371133.39	3808580.78	0.13521	(20012724)
371154.00	3808610.86	0.13623	(20012724)	371174.60	3808640.94	0.13666	(20012724)
371195.21	3808671.02	0.13641	(20012724)	371105.23	3808888.31	0.19198	(20012724)
371015.19	3808978.74	0.24192	(20012724)	370958.24	3808325.12	0.10327	(20012724)
370922.70	3808314.97	0.09729	(20012724)	370996.00	3808244.00	0.09609	(20012724)
371047.52	3808319.20	0.10808	(20012724)	371068.12	3808349.28	0.11188	(20012724)
371212.37	3808559.82	0.12197	(20012724)	371232.97	3808589.90	0.12121	(20012724)
371253.58	3808619.98	0.12251	(20011824)	371274.18	3808650.06	0.12446	(20011824)
371294.79	3808680.14	0.12563	(20011824)	371320.58	3808781.17	0.13160	(20011824)
371114.77	3808987.86	0.21366	(20012724)	371089.04	3809013.69	0.23017	(20012724)
370967.93	3808223.89	0.09113	(20012724)	371023.46	3808147.85	0.08757	(20012724)

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        371074.98   3808223.04        0.09772  (20012724)              371095.58
3808253.12        0.10108  (20012724)
        371116.19   3808283.20        0.10392  (20012724)              371342.86
3808614.06        0.11419  (20011824)
        371363.47   3808644.14        0.11377  (20011824)              371384.07
3808674.22        0.11247  (20011824)
        371404.68   3808704.30        0.11200  (20010624)              371420.16
3808790.29        0.11642  (20010624)
        371394.44   3808816.12        0.12276  (20010624)              371291.53
3808919.47        0.15244  (20011824)
        371175.76   3809035.73        0.20372  (20011824)              371111.45
3809100.32        0.25283  (20012724)
        371085.72   3809126.15        0.27555  (20012724)              371021.41
3809190.74        0.34715  (20012724)
        370931.37   3809281.17        0.72079m (22120324)              370995.39
3808127.73        0.08345  (20012724)
        370822.83   3808712.19        0.30368m (23013024)              370847.14
3808710.57        0.30960  (20012724)
        370858.49   3808807.82        0.52060m (22120324)              370882.80
3808849.96        0.34440m (22120324)
        370848.76   3809029.87        0.61238m (22120324)              370868.21
3809159.53        0.60546m (22120324)
        370839.04   3809234.09        1.06981m (22120324)              370839.04
3809255.16        1.30906m (22120324)
        370887.66   3809263.27        1.05441m (22120324)              370937.91
3809289.20        0.93831m (22120324)
        370946.01   3809318.37        1.28458m (22120324)              371002.27
3809324.48        0.95288m (22120324)
        371003.70   3809369.87        1.53398m (22120324)              371137.76
3809366.23        0.99927m (22120324)
        371225.58   3809364.67        0.39753m (21011024)              371212.07
3809444.17        0.58790m (21011024)
        371189.72   3809473.27        0.86140m (22120324)              371178.54
3809515.83        1.15714m (22120324)
        371208.74   3809569.05        0.83285m (22120324)              371216.66
3809697.06        0.81065m (22120324)
        371211.62   3809719.36        0.84015m (22120324)              371195.08
3809860.32        0.92550m (22120324)
        371186.45   3809871.82        1.07405m (22120324)              371200.11
3809894.84        0.90007m (22120324)
        371192.92   3810052.34        0.44582m (22120324)              371165.59
3810045.87        0.59692m (22120324)
        371154.09   3810042.27        0.68389m (22120324)              371154.09
3810059.53        0.50740m (22120324)
        371146.18   3810064.57        0.49205m (22120324)              371023.91
3810055.93        0.77526m (22120324)
        371015.28   3810023.57        1.04825m (22120324)              370757.81
3809977.54        1.32814m (22120324)
        370666.48   3810060.97        1.04699m (22120324)              370592.02
3810093.12        0.90501m (22120324)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370430.41   3810099.89   0.84429m (22120324)   370313.65
3810112.58   0.77191m (22120324)
        370298.42   3810126.97   0.64682m (22120324)   370223.96
3810150.66   0.58174m (22120324)
        370196.04   3810181.96   0.43699m (22120324)   370170.66
3810183.66   0.44281m (22120324)
        370135.12   3810190.42   0.45283m (22120324)   370108.05
3810175.19   0.55959m (22120324)
        370075.05   3810182.81   0.50845m (22120324)   369956.59
3810155.73   0.58405m (22120324)
        369907.52   3810133.74   0.58104m (22120324)   369878.75
3810142.20   0.39044m (22120324)
        369864.37   3810132.89   0.37873m (22120324)   369868.60
3810115.97   0.51748m (22120324)
        369829.68   3810091.43   0.32094m (22120324)   369822.06
3810071.12   0.27711m (22120324)
        369832.22   3810049.97   0.27861m (22120324)   369849.98

3810046.59 0.32482m (22120324)
370020.05 3810114.27 0.76004m (22120324) 370020.05
3810077.05 0.47235m (22120324)
370036.97 3810070.28 0.44268m (22120324) 370049.67
3810076.20 0.46400m (22120324)
370079.28 3810067.74 0.44911m (22120324) 370097.05
3810031.36 0.38427m (22120324)
370116.51 3810027.13 0.39049m (22120324) 370171.50
3810050.82 0.50290m (20112124)
370186.73 3810037.28 0.53295m (20122124) 370218.04
3810033.05 0.50996m (22120324)
370226.50 3810041.51 0.55723m (22120324) 370244.27
3810027.97 0.54443m (22120324)
370289.11 3810031.36 0.63819m (22120324) 370324.65
3810044.89 0.84588m (22120324)
370467.64 3810030.51 1.04314m (22120324) 370478.64
3810027.97 1.03757m (22120324)
370489.64 3810000.90 0.89119m (22120324) 370531.10
3809993.28 1.05187m (22120324)
370549.71 3809988.21 1.20935m (22120324) 370578.48
3809983.97 1.40663m (22120324)
370638.56 3809975.51 1.34530m (22120324) 370652.94
3809970.44 1.38645m (22120324)
370655.48 3809958.59 1.52167m (22120324) 370597.94
3809958.59 1.33106m (22120324)
370524.33 3809960.28 1.02955m (22120324) 370494.72
3809938.29 0.98353m (22120324)
370450.72 3809941.67 0.76369m (22120324) 370431.26
3809942.52 0.70345m (22120324)
370427.03 3809924.75 0.70498m (22120324) 370430.41
3809906.13 0.74241m (22120324)
370408.41 3809902.75 0.67100m (22120324) 370394.03
3809710.68 0.75065m (22120324)
370394.88 3809696.30 0.73951m (22120324) 370402.49
3809685.30 0.77842m (22120324)
370426.18 3809701.38 1.08151m (22120324) 370426.18
3809625.23 0.79613m (22120324)
370439.72 3809600.69 0.74690m (22120324) 370503.18
3809546.54 0.84037m (22120324)
370698.63 3809431.47 1.09839m (22120324) 370715.55
3809438.24 1.35775m (22120324)
370766.32 3809401.01 1.47514m (22120324) 370767.16
3809342.63 1.26417m (22120324)
370734.16 3809307.09 0.88179m (22120324) 370739.24
3809271.55 0.77741m (22120324)
370795.93 3809270.71 1.18340m (22120324) 370795.93
3809163.25 0.67249m (22120324)
370797.62 3808929.73 0.41258m (22120324) 370806.93
3808880.65 0.39140m (22120324)
370809.47 3808845.12 0.36135m (22120324) 370813.70

3808830.73   0.37422m (22120324)
        370789.16   3808796.89   0.26542m (23013024)   370801.01
3808766.43   0.28997m (23013024)
        370809.47   3808708.05   0.27669m (23013024)   370812.85
3808699.59   0.26248m (23013024)
        370848.39   3808709.74   0.30668 (20012724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
            **

                      NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	NETWORK OF TYPE	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	1.53398m	ON 22120324:	AT (371003.70, 3809369.87, 500.00, 1482.08, 0.00)	DC

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   74 Warning Message(s)
A Total of   885 Informational Message(s)

```
 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    6191       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6191       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732    1608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W732    3648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
 CN W732   10512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
 CN W732   10536         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
 CN W732   10560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W732   10584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
 CN W732   10992         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
 CN W732   11016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
 CN W732   11424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
 CN W732   15504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
 CN W732   15576         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024
 CN W732   15720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101624
 CN W732   15744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101724
 CN W732   16368         AVER: 24-hr avg, < 18 hours of data, calms policy used.
```

2020111224
 CN W732   16512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   16560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   16632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   16656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   16680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   17160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   17304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   17760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   17784   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   17808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   17832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   18096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   18120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   18144   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   19296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   19680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   19776   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   19872   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040724
 CN W732   21240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   23400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   24288   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
 CN W732   24312   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924
 CN W732   29520   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2022051424
 CN W732   30240   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022061324
 CN W732   31656   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022081124
 CN W732   32352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022090924
 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111224
 CN W732   33912   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111324
 CN W732   33936   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111424
 CN W732   33960   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022111524
 CN W732   34392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2022120324
 CN W732   36120   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021324
 CN W732   36192   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023021624
 CN W732   36720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031024
 CN W732   36744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031124
 CN W732   36768   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031224
 CN W732   36864   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023031624
 CN W732   37224   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023033124
 CN W732   37392   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023040724
 CN W732   37584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023041524
 CN W732   38400   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023051924
 CN W732   39744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023071424
 CN W732   41424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023092224
 CN W732   41976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023101524
 CN W732   42384   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110124
 CN W732   42408   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110224
 CN W732   42432   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110324
 CN W732   42456   AVER: 24-hr avg, < 18 hours of data, calms policy used.

```
2023110424
 CN W732   42480         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110524
 CN W732   42504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110624
 CN W732   42528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023110724
 CN W732   43248         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023120724
 CN W732   43704         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2023122624

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Appendix E

Sensitive Receptor Locations and Construction Health Risk Assessment AERMOD Dispersion and HARP2 Output Files

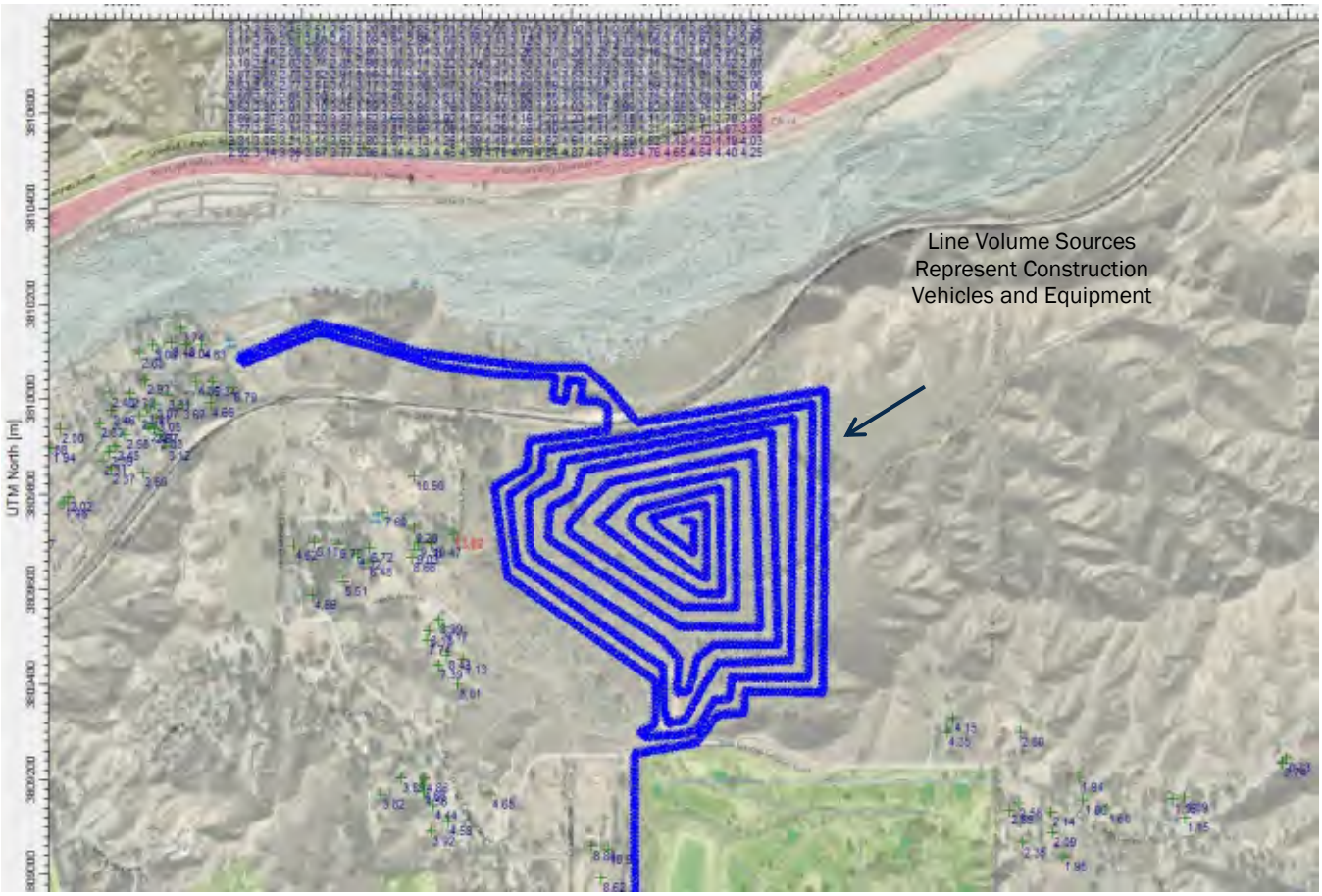


FIGURE 1
Off-site Receptors- Unmitigated

Note: Numbers represent receptor location with mitigated cancer risk shown.

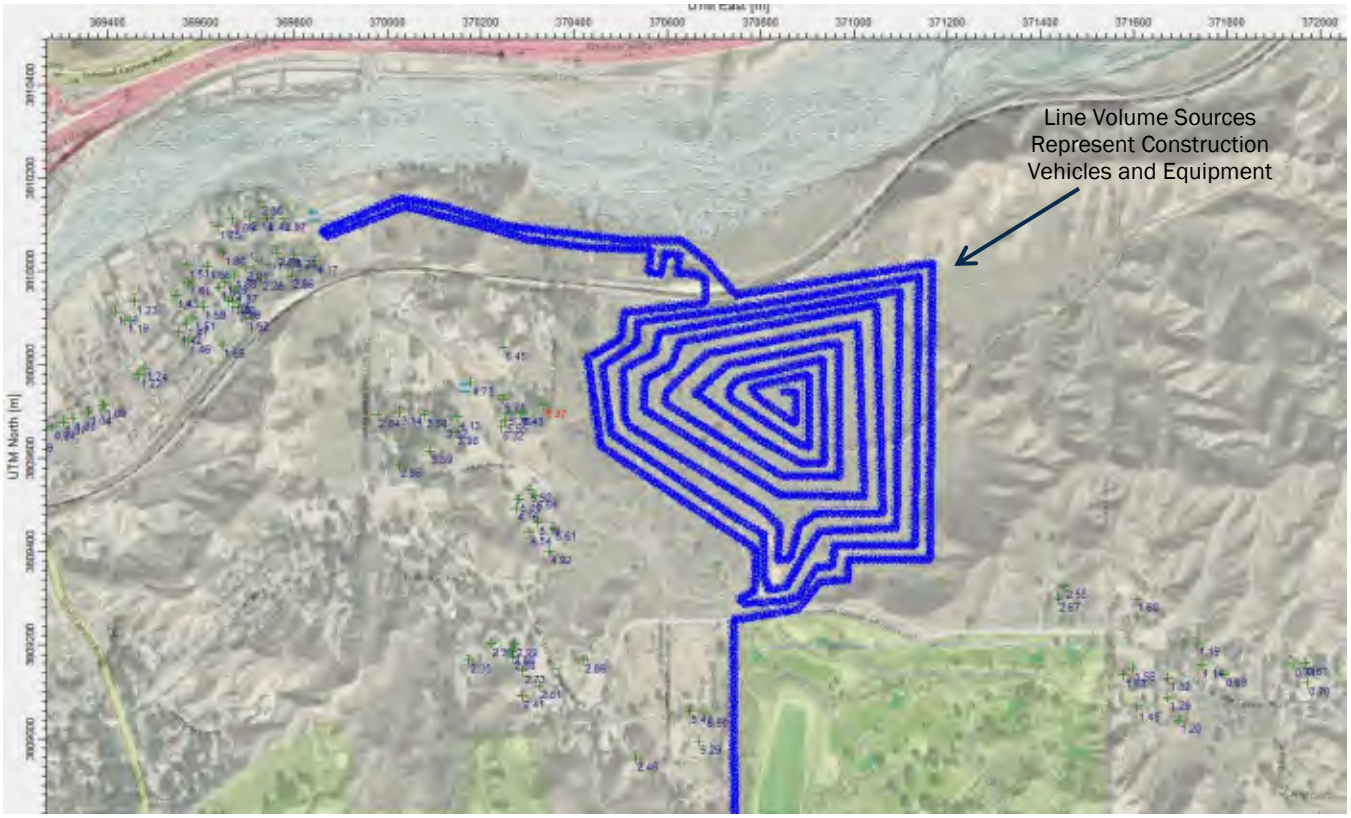


FIGURE 2
Off-site Receptors Mitigated

Note: Numbers represent receptor location with mitigated cancer risk shown.

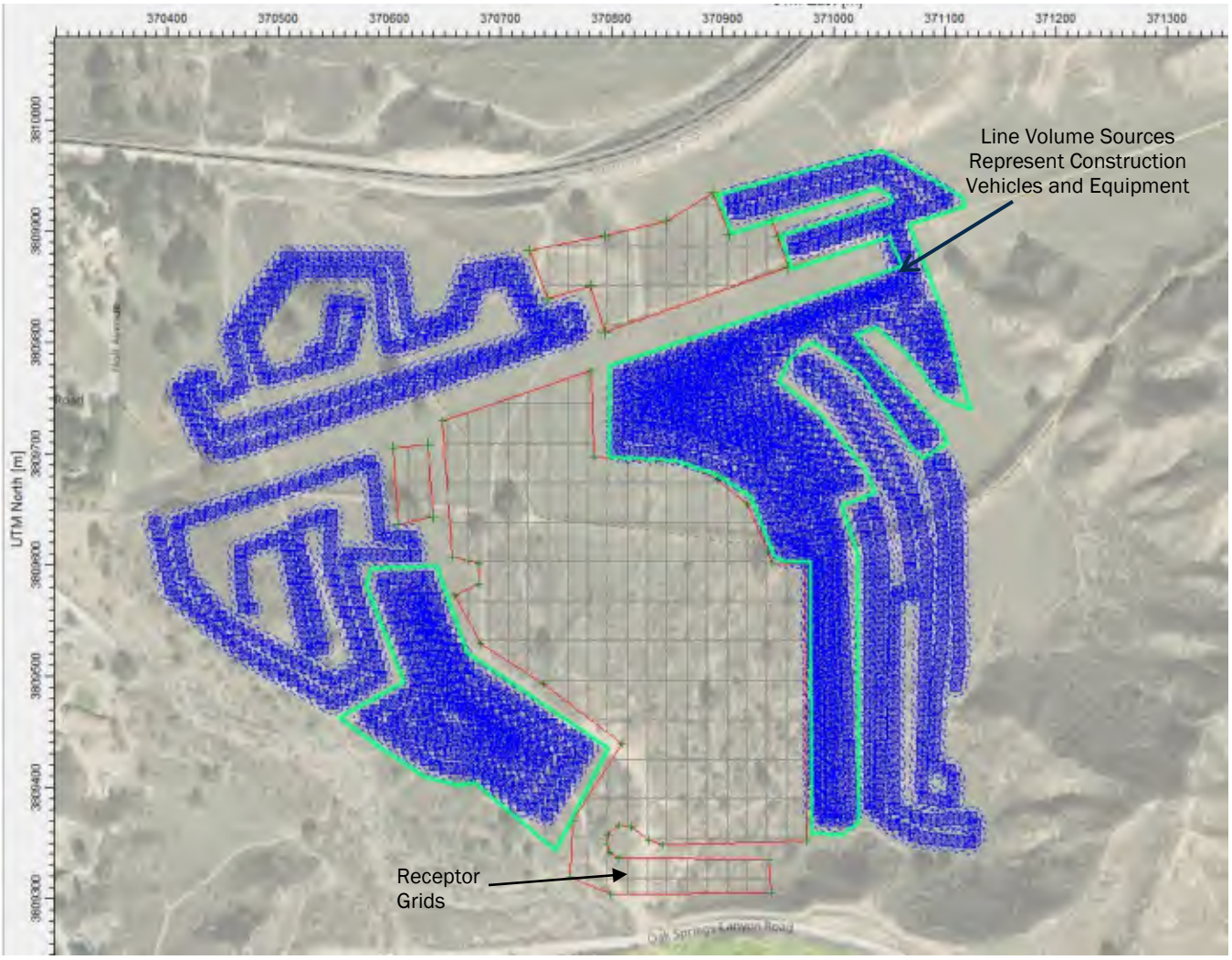


Figure 3
Phase 1 – On-site Receptors



Figure 4
Phase 2 – On-site Receptors

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/6/2024
** File: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Belcaro Offsite
Construction HRA\Belcaro.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9663345 Los_Angeles_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Belcaro.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 106
** 370744.618, 3808692.436, 532.97, 5.00, 4.65
** 370741.031, 3809253.812, 503.28, 5.00, 4.65
** 370880.927, 3809277.128, 508.42, 5.00, 4.65
```

** 370927.558, 3809336.314, 502.53, 5.00, 4.65
** 370986.745, 3809339.901, 504.54, 5.00, 4.65
** 370988.538, 3809384.740, 500.42, 5.00, 4.65
** 371162.511, 3809382.946, 501.79, 5.00, 4.65
** 371167.892, 3810017.857, 497.45, 5.00, 4.65
** 370748.205, 3809949.702, 493.47, 5.00, 4.65
** 370685.432, 3810021.444, 486.33, 5.00, 4.65
** 370631.626, 3810066.282, 482.61, 5.00, 4.65
** 370524.014, 3810066.282, 483.48, 5.00, 4.65
** 370260.364, 3810096.772, 486.06, 5.00, 4.65
** 370115.088, 3810141.610, 487.09, 5.00, 4.65
** 370028.999, 3810157.752, 483.28, 5.00, 4.65
** 369860.407, 3810087.804, 476.22, 5.00, 4.65
** 369869.374, 3810075.250, 476.34, 5.00, 4.65
** 370037.966, 3810139.817, 480.04, 5.00, 4.65
** 370222.700, 3810091.391, 499.32, 5.00, 4.65
** 370298.029, 3810069.869, 481.81, 5.00, 4.65
** 370425.369, 3810051.934, 482.82, 5.00, 4.65
** 370565.265, 3810046.553, 484.12, 5.00, 4.65
** 370559.884, 3809998.128, 485.47, 5.00, 4.65
** 370586.787, 3809994.541, 488.32, 5.00, 4.65
** 370593.961, 3810039.379, 484.02, 5.00, 4.65
** 370626.245, 3810035.792, 484.06, 5.00, 4.65
** 370620.864, 3809996.334, 493.27, 5.00, 4.65
** 370663.909, 3809994.541, 497.13, 5.00, 4.65
** 370681.844, 3809983.779, 499.84, 5.00, 4.65
** 370681.844, 3809933.561, 494.88, 5.00, 4.65
** 370507.872, 3809912.038, 486.77, 5.00, 4.65
** 370500.698, 3809856.439, 487.80, 5.00, 4.65
** 370428.956, 3809815.187, 488.34, 5.00, 4.65
** 370457.653, 3809626.867, 494.87, 5.00, 4.65
** 370667.496, 3809486.971, 499.03, 5.00, 4.65
** 370789.456, 3809406.262, 502.29, 5.00, 4.65
** 370787.663, 3809316.586, 503.57, 5.00, 4.65
** 370753.586, 3809298.650, 501.92, 5.00, 4.65
** 370766.140, 3809289.683, 502.30, 5.00, 4.65
** 370803.805, 3809291.476, 503.27, 5.00, 4.65
** 370852.230, 3809295.063, 505.40, 5.00, 4.65
** 370882.720, 3809305.824, 505.22, 5.00, 4.65
** 370907.830, 3809347.076, 502.83, 5.00, 4.65
** 370920.384, 3809366.804, 502.42, 5.00, 4.65
** 370954.461, 3809368.598, 501.45, 5.00, 4.65
** 370958.048, 3809413.436, 500.78, 5.00, 4.65
** 371130.228, 3809413.436, 499.93, 5.00, 4.65
** 371139.195, 3809989.160, 494.37, 5.00, 4.65
** 370749.999, 3809921.006, 498.94, 5.00, 4.65
** 370536.568, 3809892.309, 487.71, 5.00, 4.65
** 370534.775, 3809847.471, 489.08, 5.00, 4.65
** 370461.240, 3809797.252, 489.50, 5.00, 4.65
** 370479.175, 3809653.770, 493.03, 5.00, 4.65

** 370755.379, 3809467.242, 500.36, 5.00, 4.65
** 370805.598, 3809438.546, 502.21, 5.00, 4.65
** 370807.392, 3809345.282, 504.12, 5.00, 4.65
** 370818.153, 3809318.379, 504.37, 5.00, 4.65
** 370854.024, 3809323.760, 504.78, 5.00, 4.65
** 370895.275, 3809395.501, 502.95, 5.00, 4.65
** 370927.558, 3809443.926, 500.97, 5.00, 4.65
** 371090.770, 3809451.100, 497.60, 5.00, 4.65
** 371097.944, 3809958.670, 491.17, 5.00, 4.65
** 370581.407, 3809868.993, 488.64, 5.00, 4.65
** 370574.233, 3809825.949, 489.71, 5.00, 4.65
** 370506.078, 3809791.872, 489.93, 5.00, 4.65
** 370507.872, 3809687.847, 492.28, 5.00, 4.65
** 370520.427, 3809668.118, 492.61, 5.00, 4.65
** 370803.805, 3809492.352, 500.75, 5.00, 4.65
** 370841.469, 3809452.894, 501.45, 5.00, 4.65
** 370836.088, 3809382.946, 503.36, 5.00, 4.65
** 370862.991, 3809384.740, 503.24, 5.00, 4.65
** 370882.720, 3809456.481, 501.28, 5.00, 4.65
** 370920.384, 3809483.384, 499.58, 5.00, 4.65
** 371062.073, 3809483.384, 497.26, 5.00, 4.65
** 371047.725, 3809929.974, 489.71, 5.00, 4.65
** 370626.245, 3809849.265, 489.75, 5.00, 4.65
** 370610.103, 3809800.839, 490.45, 5.00, 4.65
** 370552.710, 3809770.349, 490.95, 5.00, 4.65
** 370549.123, 3809705.782, 491.62, 5.00, 4.65
** 370843.262, 3809521.048, 499.84, 5.00, 4.65
** 371022.616, 3809519.255, 497.20, 5.00, 4.65
** 371008.267, 3809886.929, 489.66, 5.00, 4.65
** 370685.432, 3809824.155, 490.58, 5.00, 4.65
** 370615.484, 3809759.588, 491.54, 5.00, 4.65
** 370595.755, 3809738.066, 492.11, 5.00, 4.65
** 370595.755, 3809718.337, 492.50, 5.00, 4.65
** 370846.849, 3809562.299, 498.22, 5.00, 4.65
** 370968.810, 3809562.299, 496.42, 5.00, 4.65
** 370967.016, 3809847.471, 489.75, 5.00, 4.65
** 370730.270, 3809800.839, 491.50, 5.00, 4.65
** 370660.322, 3809739.859, 492.81, 5.00, 4.65
** 370793.043, 3809643.008, 496.73, 5.00, 4.65
** 370888.101, 3809589.202, 497.29, 5.00, 4.65
** 370936.526, 3809589.202, 496.92, 5.00, 4.65
** 370932.939, 3809813.394, 490.55, 5.00, 4.65
** 370749.999, 3809768.556, 492.64, 5.00, 4.65
** 370732.063, 3809747.033, 493.23, 5.00, 4.65
** 370735.650, 3809727.304, 493.24, 5.00, 4.65
** 370886.307, 3809628.660, 495.59, 5.00, 4.65
** 370902.449, 3809623.280, 496.61, 5.00, 4.65
** 370902.449, 3809779.317, 491.67, 5.00, 4.65
** 370780.489, 3809752.414, 492.83, 5.00, 4.65
** 370793.043, 3809730.891, 493.45, 5.00, 4.65

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** 370875.546, 3809673.498, 495.07, 5.00, 4.65
** 370875.546, 3809743.446, 493.05, 5.00, 4.65
** 370841.469, 3809743.446, 493.25, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   370744.586 3808697.436 532.05
   LOCATION L0000002     VOLUME   370744.522 3808707.436 531.44
   LOCATION L0000003     VOLUME   370744.458 3808717.436 530.88
   LOCATION L0000004     VOLUME   370744.394 3808727.436 530.47
   LOCATION L0000005     VOLUME   370744.331 3808737.436 530.05
   LOCATION L0000006     VOLUME   370744.267 3808747.435 529.72
   LOCATION L0000007     VOLUME   370744.203 3808757.435 529.75
   LOCATION L0000008     VOLUME   370744.139 3808767.435 529.79
   LOCATION L0000009     VOLUME   370744.075 3808777.435 529.68
   LOCATION L0000010     VOLUME   370744.011 3808787.434 528.61
   LOCATION L0000011     VOLUME   370743.947 3808797.434 527.52
   LOCATION L0000012     VOLUME   370743.883 3808807.434 526.27
   LOCATION L0000013     VOLUME   370743.819 3808817.434 522.90
   LOCATION L0000014     VOLUME   370743.756 3808827.434 519.52
   LOCATION L0000015     VOLUME   370743.692 3808837.433 516.12
   LOCATION L0000016     VOLUME   370743.628 3808847.433 515.36
   LOCATION L0000017     VOLUME   370743.564 3808857.433 514.62
   LOCATION L0000018     VOLUME   370743.500 3808867.433 513.88
   LOCATION L0000019     VOLUME   370743.436 3808877.433 515.10
   LOCATION L0000020     VOLUME   370743.372 3808887.432 516.57
   LOCATION L0000021     VOLUME   370743.308 3808897.432 518.07
   LOCATION L0000022     VOLUME   370743.244 3808907.432 517.22
   LOCATION L0000023     VOLUME   370743.180 3808917.432 515.87
   LOCATION L0000024     VOLUME   370743.117 3808927.432 514.52
   LOCATION L0000025     VOLUME   370743.053 3808937.431 513.24
   LOCATION L0000026     VOLUME   370742.989 3808947.431 511.98
   LOCATION L0000027     VOLUME   370742.925 3808957.431 510.72
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LOCATION L0001446 VOLUME 370902.449 3809684.708 494.49

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   LOCATION L0001486     VOLUME   370875.546 3809728.579 493.29
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   LOCATION L0001488     VOLUME   370870.413 3809743.446 492.97
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** Source Parameters **
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SRCPARAM L0001403     0.0006711409      5.00      4.65      4.65
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   SRCPARAM L0001490     0.0006711409      5.00      4.65      4.65
** ----------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Belcaro.rou
RE FINISHED
```

```
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE Belcaro.dat\SCLR_V11_trimmed.sfc
   PROFFILE Belcaro.dat\SCLR_V11_trimmed.PFL
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST Belcaro.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL Belcaro.AD\PE00GALL.PLT 32
   SUMMFILE Belcaro.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3163       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3163       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
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```
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1490 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1490 Source(s);       1 Source Group(s); and     600
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1490 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
```

```
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro.err

 **File for Summary of Results:   Belcaro.sum

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000001	0	0.67114E-03	370744.6	3808697.4	532.0	5.00	4.65	4.65	YES	NO
L0000002	0	0.67114E-03	370744.5	3808707.4	531.4	5.00	4.65	4.65	YES	NO
L0000003	0	0.67114E-03	370744.5	3808717.4	530.9	5.00	4.65	4.65	YES	NO
L0000004	0	0.67114E-03	370744.4	3808727.4	530.5	5.00	4.65	4.65	YES	NO
L0000005	0	0.67114E-03	370744.3	3808737.4	530.0	5.00	4.65	4.65	YES	NO
L0000006	0	0.67114E-03	370744.3	3808747.4	529.7	5.00	4.65	4.65	YES	NO
L0000007	0	0.67114E-03	370744.2	3808757.4	529.8	5.00	4.65	4.65	YES	NO
L0000008	0	0.67114E-03	370744.1	3808767.4	529.8	5.00	4.65	4.65	YES	NO
L0000009	0	0.67114E-03	370744.1	3808777.4	529.7	5.00	4.65	4.65	YES	NO
L0000010	0	0.67114E-03	370744.0	3808787.4	528.6	5.00	4.65	4.65	YES	NO
L0000011	0	0.67114E-03	370743.9	3808797.4	527.5	5.00	4.65	4.65	YES	NO
L0000012	0	0.67114E-03	370743.9	3808807.4	526.3	5.00	4.65	4.65	YES	NO
L0000013	0	0.67114E-03	370743.8	3808817.4	522.9	5.00	4.65	4.65	YES	NO
L0000014	0	0.67114E-03	370743.8	3808827.4	519.5	5.00	4.65	4.65	YES	NO
L0000015	0	0.67114E-03	370743.7	3808837.4	516.1	5.00	4.65	4.65	YES	NO
L0000016	0	0.67114E-03	370743.6	3808847.4	515.4	5.00	4.65	4.65	YES	NO
L0000017	0	0.67114E-03	370743.6	3808857.4	514.6	5.00	4.65	4.65	YES	NO
L0000018	0	0.67114E-03	370743.5	3808867.4	513.9	5.00	4.65	4.65	YES	NO
L0000019	0	0.67114E-03	370743.4	3808877.4	515.1	5.00	4.65	4.65	YES	NO
L0000020	0	0.67114E-03	370743.4	3808887.4	516.6	5.00	4.65	4.65	YES	NO

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 L0000021         0   0.67114E-03  370743.3 3808897.4   518.1     5.00     4.65
4.65     YES                    NO
 L0000022         0   0.67114E-03  370743.2 3808907.4   517.2     5.00     4.65
4.65     YES                    NO
 L0000023         0   0.67114E-03  370743.2 3808917.4   515.9     5.00     4.65
4.65     YES                    NO
 L0000024         0   0.67114E-03  370743.1 3808927.4   514.5     5.00     4.65
4.65     YES                    NO
 L0000025         0   0.67114E-03  370743.1 3808937.4   513.2     5.00     4.65
4.65     YES                    NO
 L0000026         0   0.67114E-03  370743.0 3808947.4   512.0     5.00     4.65
4.65     YES                    NO
 L0000027         0   0.67114E-03  370742.9 3808957.4   510.7     5.00     4.65
4.65     YES                    NO
 L0000028         0   0.67114E-03  370742.9 3808967.4   510.1     5.00     4.65
4.65     YES                    NO
 L0000029         0   0.67114E-03  370742.8 3808977.4   509.9     5.00     4.65
4.65     YES                    NO
 L0000030         0   0.67114E-03  370742.7 3808987.4   509.7     5.00     4.65
4.65     YES                    NO
 L0000031         0   0.67114E-03  370742.7 3808997.4   509.4     5.00     4.65
4.65     YES                    NO
 L0000032         0   0.67114E-03  370742.6 3809007.4   509.1     5.00     4.65
4.65     YES                    NO
 L0000033         0   0.67114E-03  370742.5 3809017.4   508.8     5.00     4.65
4.65     YES                    NO
 L0000034         0   0.67114E-03  370742.5 3809027.4   508.5     5.00     4.65
4.65     YES                    NO
 L0000035         0   0.67114E-03  370742.4 3809037.4   508.1     5.00     4.65
4.65     YES                    NO
 L0000036         0   0.67114E-03  370742.3 3809047.4   507.8     5.00     4.65
4.65     YES                    NO
 L0000037         0   0.67114E-03  370742.3 3809057.4   507.5     5.00     4.65
4.65     YES                    NO
 L0000038         0   0.67114E-03  370742.2 3809067.4   507.4     5.00     4.65
4.65     YES                    NO
 L0000039         0   0.67114E-03  370742.2 3809077.4   507.2     5.00     4.65
4.65     YES                    NO
 L0000040         0   0.67114E-03  370742.1 3809087.4   506.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000041	0	0.67114E-03	370742.0	3809097.4	506.7	5.00	4.65	4.65	YES	NO
L0000042	0	0.67114E-03	370742.0	3809107.4	506.4	5.00	4.65	4.65	YES	NO
L0000043	0	0.67114E-03	370741.9	3809117.4	506.2	5.00	4.65	4.65	YES	NO
L0000044	0	0.67114E-03	370741.8	3809127.4	506.0	5.00	4.65	4.65	YES	NO
L0000045	0	0.67114E-03	370741.8	3809137.4	505.8	5.00	4.65	4.65	YES	NO
L0000046	0	0.67114E-03	370741.7	3809147.4	505.6	5.00	4.65	4.65	YES	NO
L0000047	0	0.67114E-03	370741.6	3809157.4	505.4	5.00	4.65	4.65	YES	NO
L0000048	0	0.67114E-03	370741.6	3809167.4	505.3	5.00	4.65	4.65	YES	NO
L0000049	0	0.67114E-03	370741.5	3809177.4	505.2	5.00	4.65	4.65	YES	NO
L0000050	0	0.67114E-03	370741.5	3809187.4	505.0	5.00	4.65	4.65	YES	NO
L0000051	0	0.67114E-03	370741.4	3809197.4	504.9	5.00	4.65	4.65	YES	NO
L0000052	0	0.67114E-03	370741.3	3809207.4	504.7	5.00	4.65	4.65	YES	NO
L0000053	0	0.67114E-03	370741.3	3809217.4	504.9	5.00	4.65	4.65	YES	NO
L0000054	0	0.67114E-03	370741.2	3809227.4	505.0	5.00	4.65	4.65	YES	NO
L0000055	0	0.67114E-03	370741.1	3809237.4	505.1	5.00	4.65	4.65	YES	NO
L0000056	0	0.67114E-03	370741.1	3809247.4	504.2	5.00	4.65	4.65	YES	NO
L0000057	0	0.67114E-03	370744.6	3809254.4	503.6	5.00	4.65	4.65	YES	NO
L0000058	0	0.67114E-03	370754.5	3809256.0	503.9	5.00	4.65	4.65	YES	NO
L0000059	0	0.67114E-03	370764.3	3809257.7	504.2	5.00	4.65	4.65	YES	NO
L0000060	0	0.67114E-03	370774.2	3809259.3	504.3	5.00	4.65	4.65	YES	NO

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 L0000061         0   0.67114E-03  370784.1 3809261.0   504.3     5.00     4.65
4.65     YES                    NO
 L0000062         0   0.67114E-03  370793.9 3809262.6   504.2     5.00     4.65
4.65     YES                    NO
 L0000063         0   0.67114E-03  370803.8 3809264.3   504.2     5.00     4.65
4.65     YES                    NO
 L0000064         0   0.67114E-03  370813.6 3809265.9   504.3     5.00     4.65
4.65     YES                    NO
 L0000065         0   0.67114E-03  370823.5 3809267.6   504.7     5.00     4.65
4.65     YES                    NO
 L0000066         0   0.67114E-03  370833.4 3809269.2   505.7     5.00     4.65
4.65     YES                    NO
 L0000067         0   0.67114E-03  370843.2 3809270.8   506.6     5.00     4.65
4.65     YES                    NO
 L0000068         0   0.67114E-03  370853.1 3809272.5   507.3     5.00     4.65
4.65     YES                    NO
 L0000069         0   0.67114E-03  370863.0 3809274.1   507.8     5.00     4.65
4.65     YES                    NO
 L0000070         0   0.67114E-03  370872.8 3809275.8   508.3     5.00     4.65
4.65     YES                    NO
 L0000071         0   0.67114E-03  370882.0 3809278.5   508.6     5.00     4.65
4.65     YES                    NO
 L0000072         0   0.67114E-03  370888.2 3809286.4   507.4     5.00     4.65
4.65     YES                    NO
 L0000073         0   0.67114E-03  370894.4 3809294.2   505.7     5.00     4.65
4.65     YES                    NO
 L0000074         0   0.67114E-03  370900.6 3809302.1   504.9     5.00     4.65
4.65     YES                    NO
 L0000075         0   0.67114E-03  370906.8 3809310.0   504.7     5.00     4.65
4.65     YES                    NO
 L0000076         0   0.67114E-03  370913.0 3809317.8   504.1     5.00     4.65
4.65     YES                    NO
 L0000077         0   0.67114E-03  370919.2 3809325.7   503.2     5.00     4.65
4.65     YES                    NO
 L0000078         0   0.67114E-03  370925.4 3809333.5   502.6     5.00     4.65
4.65     YES                    NO
 L0000079         0   0.67114E-03  370934.0 3809336.7   502.2     5.00     4.65
4.65     YES                    NO
 L0000080         0   0.67114E-03  370944.0 3809337.3   501.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0000081	0	0.67114E-03	370953.9	3809337.9	501.9	5.00	4.65	4.65	YES	NO	
L0000082	0	0.67114E-03	370963.9	3809338.5	502.2	5.00	4.65	4.65	YES	NO	
L0000083	0	0.67114E-03	370973.9	3809339.1	502.5	5.00	4.65	4.65	YES	NO	
L0000084	0	0.67114E-03	370983.9	3809339.7	503.3	5.00	4.65	4.65	YES	NO	
L0000085	0	0.67114E-03	370987.0	3809347.0	502.3	5.00	4.65	4.65	YES	NO	
L0000086	0	0.67114E-03	370987.4	3809357.0	500.6	5.00	4.65	4.65	YES	NO	
L0000087	0	0.67114E-03	370987.8	3809367.0	500.5	5.00	4.65	4.65	YES	NO	
L0000088	0	0.67114E-03	370988.2	3809377.0	500.5	5.00	4.65	4.65	YES	NO	
L0000089	0	0.67114E-03	370990.8	3809384.7	500.4	5.00	4.65	4.65	YES	NO	
L0000090	0	0.67114E-03	371000.8	3809384.6	500.2	5.00	4.65	4.65	YES	NO	
L0000091	0	0.67114E-03	371010.8	3809384.5	499.9	5.00	4.65	4.65	YES	NO	
L0000092	0	0.67114E-03	371020.8	3809384.4	499.6	5.00	4.65	4.65	YES	NO	
L0000093	0	0.67114E-03	371030.8	3809384.3	499.3	5.00	4.65	4.65	YES	NO	
L0000094	0	0.67114E-03	371040.8	3809384.2	499.0	5.00	4.65	4.65	YES	NO	
L0000095	0	0.67114E-03	371050.8	3809384.1	498.8	5.00	4.65	4.65	YES	NO	
L0000096	0	0.67114E-03	371060.8	3809384.0	498.5	5.00	4.65	4.65	YES	NO	
L0000097	0	0.67114E-03	371070.8	3809383.9	498.2	5.00	4.65	4.65	YES	NO	
L0000098	0	0.67114E-03	371080.8	3809383.8	497.9	5.00	4.65	4.65	YES	NO	
L0000099	0	0.67114E-03	371090.8	3809383.7	497.7	5.00	4.65	4.65	YES	NO	
L0000100	0	0.67114E-03	371100.8	3809383.6	497.5	5.00	4.65	4.65	YES	NO	

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 L0000101         0   0.67114E-03  371110.8 3809383.5   497.7     5.00     4.65
4.65     YES                    NO
 L0000102         0   0.67114E-03  371120.8 3809383.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000103         0   0.67114E-03  371130.8 3809383.3   498.5     5.00     4.65
4.65     YES                    NO
 L0000104         0   0.67114E-03  371140.8 3809383.2   499.6     5.00     4.65
4.65     YES                    NO
 L0000105         0   0.67114E-03  371150.8 3809383.1   500.7     5.00     4.65
4.65     YES                    NO
 L0000106         0   0.67114E-03  371160.8 3809383.0   502.4     5.00     4.65
4.65     YES                    NO
 L0000107         0   0.67114E-03  371162.6 3809391.2   503.8     5.00     4.65
4.65     YES                    NO
 L0000108         0   0.67114E-03  371162.7 3809401.2   506.4     5.00     4.65
4.65     YES                    NO
 L0000109         0   0.67114E-03  371162.8 3809411.2   509.1     5.00     4.65
4.65     YES                    NO
 L0000110         0   0.67114E-03  371162.8 3809421.2   511.3     5.00     4.65
4.65     YES                    NO
 L0000111         0   0.67114E-03  371162.9 3809431.2   512.9     5.00     4.65
4.65     YES                    NO
 L0000112         0   0.67114E-03  371163.0 3809441.2   514.5     5.00     4.65
4.65     YES                    NO
 L0000113         0   0.67114E-03  371163.1 3809451.2   514.8     5.00     4.65
4.65     YES                    NO
 L0000114         0   0.67114E-03  371163.2 3809461.2   512.4     5.00     4.65
4.65     YES                    NO
 L0000115         0   0.67114E-03  371163.3 3809471.2   510.1     5.00     4.65
4.65     YES                    NO
 L0000116         0   0.67114E-03  371163.3 3809481.2   507.5     5.00     4.65
4.65     YES                    NO
 L0000117         0   0.67114E-03  371163.4 3809491.2   504.2     5.00     4.65
4.65     YES                    NO
 L0000118         0   0.67114E-03  371163.5 3809501.2   500.9     5.00     4.65
4.65     YES                    NO
 L0000119         0   0.67114E-03  371163.6 3809511.2   498.0     5.00     4.65
4.65     YES                    NO
 L0000120         0   0.67114E-03  371163.7 3809521.2   497.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000121	0	0.67114E-03	371163.8	3809531.2	496.0	5.00	4.65	4.65	YES	NO
L0000122	0	0.67114E-03	371163.9	3809541.2	495.1	5.00	4.65	4.65	YES	NO
L0000123	0	0.67114E-03	371163.9	3809551.2	494.9	5.00	4.65	4.65	YES	NO
L0000124	0	0.67114E-03	371164.0	3809561.2	494.6	5.00	4.65	4.65	YES	NO
L0000125	0	0.67114E-03	371164.1	3809571.2	494.4	5.00	4.65	4.65	YES	NO
L0000126	0	0.67114E-03	371164.2	3809581.2	494.2	5.00	4.65	4.65	YES	NO
L0000127	0	0.67114E-03	371164.3	3809591.2	494.1	5.00	4.65	4.65	YES	NO
L0000128	0	0.67114E-03	371164.4	3809601.2	494.0	5.00	4.65	4.65	YES	NO
L0000129	0	0.67114E-03	371164.4	3809611.2	493.8	5.00	4.65	4.65	YES	NO
L0000130	0	0.67114E-03	371164.5	3809621.2	493.7	5.00	4.65	4.65	YES	NO
L0000131	0	0.67114E-03	371164.6	3809631.2	493.5	5.00	4.65	4.65	YES	NO
L0000132	0	0.67114E-03	371164.7	3809641.2	493.5	5.00	4.65	4.65	YES	NO
L0000133	0	0.67114E-03	371164.8	3809651.2	493.5	5.00	4.65	4.65	YES	NO
L0000134	0	0.67114E-03	371164.9	3809661.2	493.6	5.00	4.65	4.65	YES	NO
L0000135	0	0.67114E-03	371165.0	3809671.2	493.8	5.00	4.65	4.65	YES	NO
L0000136	0	0.67114E-03	371165.0	3809681.2	494.1	5.00	4.65	4.65	YES	NO
L0000137	0	0.67114E-03	371165.1	3809691.2	494.4	5.00	4.65	4.65	YES	NO
L0000138	0	0.67114E-03	371165.2	3809701.2	494.0	5.00	4.65	4.65	YES	NO
L0000139	0	0.67114E-03	371165.3	3809711.2	493.2	5.00	4.65	4.65	YES	NO
L0000140	0	0.67114E-03	371165.4	3809721.2	492.5	5.00	4.65	4.65	YES	NO

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 L0000141         0   0.67114E-03  371165.5 3809731.2   492.2     5.00     4.65
4.65     YES                    NO
 L0000142         0   0.67114E-03  371165.5 3809741.2   492.1     5.00     4.65
4.65     YES                    NO
 L0000143         0   0.67114E-03  371165.6 3809751.2   492.0     5.00     4.65
4.65     YES                    NO
 L0000144         0   0.67114E-03  371165.7 3809761.2   492.5     5.00     4.65
4.65     YES                    NO
 L0000145         0   0.67114E-03  371165.8 3809771.2   493.4     5.00     4.65
4.65     YES                    NO
 L0000146         0   0.67114E-03  371165.9 3809781.2   494.4     5.00     4.65
4.65     YES                    NO
 L0000147         0   0.67114E-03  371166.0 3809791.2   496.8     5.00     4.65
4.65     YES                    NO
 L0000148         0   0.67114E-03  371166.1 3809801.2   501.0     5.00     4.65
4.65     YES                    NO
 L0000149         0   0.67114E-03  371166.1 3809811.2   505.3     5.00     4.65
4.65     YES                    NO
 L0000150         0   0.67114E-03  371166.2 3809821.2   507.2     5.00     4.65
4.65     YES                    NO
 L0000151         0   0.67114E-03  371166.3 3809831.2   504.6     5.00     4.65
4.65     YES                    NO
 L0000152         0   0.67114E-03  371166.4 3809841.2   502.0     5.00     4.65
4.65     YES                    NO
 L0000153         0   0.67114E-03  371166.5 3809851.2   499.6     5.00     4.65
4.65     YES                    NO
 L0000154         0   0.67114E-03  371166.6 3809861.2   497.7     5.00     4.65
4.65     YES                    NO
 L0000155         0   0.67114E-03  371166.6 3809871.2   495.9     5.00     4.65
4.65     YES                    NO
 L0000156         0   0.67114E-03  371166.7 3809881.2   494.3     5.00     4.65
4.65     YES                    NO
 L0000157         0   0.67114E-03  371166.8 3809891.2   493.7     5.00     4.65
4.65     YES                    NO
 L0000158         0   0.67114E-03  371166.9 3809901.2   493.2     5.00     4.65
4.65     YES                    NO
 L0000159         0   0.67114E-03  371167.0 3809911.2   492.7     5.00     4.65
4.65     YES                    NO
 L0000160         0   0.67114E-03  371167.1 3809921.2   492.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.67114E-03	371167.2	3809931.2	492.9	5.00	4.65	4.65	YES	NO	
L0000162	0	0.67114E-03	371167.2	3809941.2	493.1	5.00	4.65	4.65	YES	NO	
L0000163	0	0.67114E-03	371167.3	3809951.2	493.2	5.00	4.65	4.65	YES	NO	
L0000164	0	0.67114E-03	371167.4	3809961.2	493.2	5.00	4.65	4.65	YES	NO	
L0000165	0	0.67114E-03	371167.5	3809971.2	493.3	5.00	4.65	4.65	YES	NO	
L0000166	0	0.67114E-03	371167.6	3809981.2	493.7	5.00	4.65	4.65	YES	NO	
L0000167	0	0.67114E-03	371167.7	3809991.2	494.1	5.00	4.65	4.65	YES	NO	
L0000168	0	0.67114E-03	371167.8	3810001.2	494.5	5.00	4.65	4.65	YES	NO	
L0000169	0	0.67114E-03	371167.8	3810011.2	497.1	5.00	4.65	4.65	YES	NO	
L0000170	0	0.67114E-03	371164.6	3810017.3	498.5	5.00	4.65	4.65	YES	NO	
L0000171	0	0.67114E-03	371154.7	3810015.7	498.1	5.00	4.65	4.65	YES	NO	
L0000172	0	0.67114E-03	371144.8	3810014.1	497.9	5.00	4.65	4.65	YES	NO	
L0000173	0	0.67114E-03	371135.0	3810012.5	497.8	5.00	4.65	4.65	YES	NO	
L0000174	0	0.67114E-03	371125.1	3810010.9	498.4	5.00	4.65	4.65	YES	NO	
L0000175	0	0.67114E-03	371115.2	3810009.3	498.9	5.00	4.65	4.65	YES	NO	
L0000176	0	0.67114E-03	371105.4	3810007.7	500.2	5.00	4.65	4.65	YES	NO	
L0000177	0	0.67114E-03	371095.5	3810006.1	502.9	5.00	4.65	4.65	YES	NO	
L0000178	0	0.67114E-03	371085.6	3810004.5	506.0	5.00	4.65	4.65	YES	NO	
L0000179	0	0.67114E-03	371075.7	3810002.9	505.4	5.00	4.65	4.65	YES	NO	
L0000180	0	0.67114E-03	371065.9	3810001.3	504.4	5.00	4.65	4.65	YES	NO	

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 L0000181         0   0.67114E-03  371056.0 3809999.7   502.7     5.00     4.65
4.65     YES                    NO
 L0000182         0   0.67114E-03  371046.1 3809998.1   500.0     5.00     4.65
4.65     YES                    NO
 L0000183         0   0.67114E-03  371036.3 3809996.5   497.5     5.00     4.65
4.65     YES                    NO
 L0000184         0   0.67114E-03  371026.4 3809994.9   494.1     5.00     4.65
4.65     YES                    NO
 L0000185         0   0.67114E-03  371016.5 3809993.3   490.8     5.00     4.65
4.65     YES                    NO
 L0000186         0   0.67114E-03  371006.6 3809991.7   488.5     5.00     4.65
4.65     YES                    NO
 L0000187         0   0.67114E-03  370996.8 3809990.1   488.2     5.00     4.65
4.65     YES                    NO
 L0000188         0   0.67114E-03  370986.9 3809988.5   487.9     5.00     4.65
4.65     YES                    NO
 L0000189         0   0.67114E-03  370977.0 3809986.9   487.7     5.00     4.65
4.65     YES                    NO
 L0000190         0   0.67114E-03  370967.2 3809985.3   487.7     5.00     4.65
4.65     YES                    NO
 L0000191         0   0.67114E-03  370957.3 3809983.7   487.6     5.00     4.65
4.65     YES                    NO
 L0000192         0   0.67114E-03  370947.4 3809982.1   487.5     5.00     4.65
4.65     YES                    NO
 L0000193         0   0.67114E-03  370937.6 3809980.5   487.2     5.00     4.65
4.65     YES                    NO
 L0000194         0   0.67114E-03  370927.7 3809978.8   487.2     5.00     4.65
4.65     YES                    NO
 L0000195         0   0.67114E-03  370917.8 3809977.2   487.2     5.00     4.65
4.65     YES                    NO
 L0000196         0   0.67114E-03  370907.9 3809975.6   486.9     5.00     4.65
4.65     YES                    NO
 L0000197         0   0.67114E-03  370898.1 3809974.0   487.4     5.00     4.65
4.65     YES                    NO
 L0000198         0   0.67114E-03  370888.2 3809972.4   488.1     5.00     4.65
4.65     YES                    NO
 L0000199         0   0.67114E-03  370878.3 3809970.8   488.9     5.00     4.65
4.65     YES                    NO
 L0000200         0   0.67114E-03  370868.5 3809969.2   490.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.67114E-03	370858.6	3809967.6	491.5	5.00	4.65	4.65	YES	NO	
L0000202	0	0.67114E-03	370848.7	3809966.0	491.7	5.00	4.65	4.65	YES	NO	
L0000203	0	0.67114E-03	370838.8	3809964.4	491.5	5.00	4.65	4.65	YES	NO	
L0000204	0	0.67114E-03	370829.0	3809962.8	491.2	5.00	4.65	4.65	YES	NO	
L0000205	0	0.67114E-03	370819.1	3809961.2	490.4	5.00	4.65	4.65	YES	NO	
L0000206	0	0.67114E-03	370809.2	3809959.6	489.8	5.00	4.65	4.65	YES	NO	
L0000207	0	0.67114E-03	370799.4	3809958.0	489.8	5.00	4.65	4.65	YES	NO	
L0000208	0	0.67114E-03	370789.5	3809956.4	490.6	5.00	4.65	4.65	YES	NO	
L0000209	0	0.67114E-03	370779.6	3809954.8	491.7	5.00	4.65	4.65	YES	NO	
L0000210	0	0.67114E-03	370769.8	3809953.2	492.0	5.00	4.65	4.65	YES	NO	
L0000211	0	0.67114E-03	370759.9	3809951.6	492.2	5.00	4.65	4.65	YES	NO	
L0000212	0	0.67114E-03	370750.0	3809950.0	492.6	5.00	4.65	4.65	YES	NO	
L0000213	0	0.67114E-03	370742.8	3809955.9	491.6	5.00	4.65	4.65	YES	NO	
L0000214	0	0.67114E-03	370736.2	3809963.4	490.7	5.00	4.65	4.65	YES	NO	
L0000215	0	0.67114E-03	370729.7	3809970.9	490.2	5.00	4.65	4.65	YES	NO	
L0000216	0	0.67114E-03	370723.1	3809978.4	489.8	5.00	4.65	4.65	YES	NO	
L0000217	0	0.67114E-03	370716.5	3809986.0	489.0	5.00	4.65	4.65	YES	NO	
L0000218	0	0.67114E-03	370709.9	3809993.5	487.8	5.00	4.65	4.65	YES	NO	
L0000219	0	0.67114E-03	370703.3	3810001.0	486.2	5.00	4.65	4.65	YES	NO	
L0000220	0	0.67114E-03	370696.7	3810008.5	484.7	5.00	4.65	4.65	YES	NO	

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 L0000221         0   0.67114E-03  370690.1 3810016.1   484.6     5.00     4.65
4.65     YES                    NO
 L0000222         0   0.67114E-03  370683.2 3810023.3   484.5     5.00     4.65
4.65     YES                    NO
 L0000223         0   0.67114E-03  370675.6 3810029.7   484.3     5.00     4.65
4.65     YES                    NO
 L0000224         0   0.67114E-03  370667.9 3810036.1   484.0     5.00     4.65
4.65     YES                    NO
 L0000225         0   0.67114E-03  370660.2 3810042.5   483.5     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.67114E-03  370652.5 3810048.9   482.9     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.67114E-03  370644.8 3810055.3   482.6     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.67114E-03  370637.2 3810061.7   482.5     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.67114E-03  370628.8 3810066.3   482.8     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.67114E-03  370618.8 3810066.3   483.0     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.67114E-03  370608.8 3810066.3   483.0     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.67114E-03  370598.8 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.67114E-03  370588.8 3810066.3   483.1     5.00     4.65
4.65     YES                    NO
 L0000234         0   0.67114E-03  370578.8 3810066.3   483.2     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.67114E-03  370568.8 3810066.3   483.3     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.67114E-03  370558.8 3810066.3   483.4     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.67114E-03  370548.8 3810066.3   483.6     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.67114E-03  370538.8 3810066.3   483.6     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.67114E-03  370528.8 3810066.3   483.6     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.67114E-03  370518.9 3810066.9   483.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0000241	0	0.67114E-03	370508.9	3810068.0	483.6	5.00	4.65	4.65	YES	NO	
L0000242	0	0.67114E-03	370499.0	3810069.2	483.5	5.00	4.65	4.65	YES	NO	
L0000243	0	0.67114E-03	370489.1	3810070.3	483.2	5.00	4.65	4.65	YES	NO	
L0000244	0	0.67114E-03	370479.1	3810071.5	483.0	5.00	4.65	4.65	YES	NO	
L0000245	0	0.67114E-03	370469.2	3810072.6	482.8	5.00	4.65	4.65	YES	NO	
L0000246	0	0.67114E-03	370459.3	3810073.8	482.6	5.00	4.65	4.65	YES	NO	
L0000247	0	0.67114E-03	370449.3	3810074.9	482.4	5.00	4.65	4.65	YES	NO	
L0000248	0	0.67114E-03	370439.4	3810076.1	482.4	5.00	4.65	4.65	YES	NO	
L0000249	0	0.67114E-03	370429.5	3810077.2	482.4	5.00	4.65	4.65	YES	NO	
L0000250	0	0.67114E-03	370419.5	3810078.4	482.4	5.00	4.65	4.65	YES	NO	
L0000251	0	0.67114E-03	370409.6	3810079.5	482.4	5.00	4.65	4.65	YES	NO	
L0000252	0	0.67114E-03	370399.7	3810080.7	482.4	5.00	4.65	4.65	YES	NO	
L0000253	0	0.67114E-03	370389.7	3810081.8	482.2	5.00	4.65	4.65	YES	NO	
L0000254	0	0.67114E-03	370379.8	3810083.0	482.0	5.00	4.65	4.65	YES	NO	
L0000255	0	0.67114E-03	370369.9	3810084.1	481.9	5.00	4.65	4.65	YES	NO	
L0000256	0	0.67114E-03	370359.9	3810085.3	481.8	5.00	4.65	4.65	YES	NO	
L0000257	0	0.67114E-03	370350.0	3810086.4	481.7	5.00	4.65	4.65	YES	NO	
L0000258	0	0.67114E-03	370340.0	3810087.6	481.6	5.00	4.65	4.65	YES	NO	
L0000259	0	0.67114E-03	370330.1	3810088.7	481.5	5.00	4.65	4.65	YES	NO	
L0000260	0	0.67114E-03	370320.2	3810089.9	481.4	5.00	4.65	4.65	YES	NO	

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 L0000261         0   0.67114E-03  370310.2 3810091.0   481.5     5.00     4.65
4.65     YES                    NO
 L0000262         0   0.67114E-03  370300.3 3810092.2   481.5     5.00     4.65
4.65     YES                    NO
 L0000263         0   0.67114E-03  370290.4 3810093.3   482.3     5.00     4.65
4.65     YES                    NO
 L0000264         0   0.67114E-03  370280.4 3810094.4   483.8     5.00     4.65
4.65     YES                    NO
 L0000265         0   0.67114E-03  370270.5 3810095.6   485.5     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.67114E-03  370260.6 3810096.7   487.1     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.67114E-03  370251.0 3810099.7   488.7     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.67114E-03  370241.5 3810102.6   490.9     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.67114E-03  370231.9 3810105.6   494.2     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.67114E-03  370222.3 3810108.5   497.0     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.67114E-03  370212.8 3810111.5   497.0     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.67114E-03  370203.2 3810114.4   496.1     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.67114E-03  370193.7 3810117.4   495.3     5.00     4.65
4.65     YES                    NO
 L0000274         0   0.67114E-03  370184.1 3810120.3   492.4     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.67114E-03  370174.6 3810123.3   490.5     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.67114E-03  370165.0 3810126.2   490.1     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.67114E-03  370155.5 3810129.1   490.6     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.67114E-03  370145.9 3810132.1   491.4     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.67114E-03  370136.4 3810135.0   490.9     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.67114E-03  370126.8 3810138.0   489.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000281	0	0.67114E-03	370117.2	3810140.9	487.2	5.00	4.65	4.65	YES	NO
L0000282	0	0.67114E-03	370107.5	3810143.0	485.6	5.00	4.65	4.65	YES	NO
L0000283	0	0.67114E-03	370097.6	3810144.9	484.0	5.00	4.65	4.65	YES	NO
L0000284	0	0.67114E-03	370087.8	3810146.7	483.5	5.00	4.65	4.65	YES	NO
L0000285	0	0.67114E-03	370078.0	3810148.6	484.3	5.00	4.65	4.65	YES	NO
L0000286	0	0.67114E-03	370068.2	3810150.4	485.3	5.00	4.65	4.65	YES	NO
L0000287	0	0.67114E-03	370058.3	3810152.3	485.0	5.00	4.65	4.65	YES	NO
L0000288	0	0.67114E-03	370048.5	3810154.1	484.1	5.00	4.65	4.65	YES	NO
L0000289	0	0.67114E-03	370038.7	3810155.9	482.8	5.00	4.65	4.65	YES	NO
L0000290	0	0.67114E-03	370028.9	3810157.7	481.2	5.00	4.65	4.65	YES	NO
L0000291	0	0.67114E-03	370019.6	3810153.9	478.9	5.00	4.65	4.65	YES	NO
L0000292	0	0.67114E-03	370010.4	3810150.0	477.6	5.00	4.65	4.65	YES	NO
L0000293	0	0.67114E-03	370001.1	3810146.2	477.2	5.00	4.65	4.65	YES	NO
L0000294	0	0.67114E-03	369991.9	3810142.4	477.2	5.00	4.65	4.65	YES	NO
L0000295	0	0.67114E-03	369982.7	3810138.5	477.2	5.00	4.65	4.65	YES	NO
L0000296	0	0.67114E-03	369973.4	3810134.7	477.2	5.00	4.65	4.65	YES	NO
L0000297	0	0.67114E-03	369964.2	3810130.9	477.3	5.00	4.65	4.65	YES	NO
L0000298	0	0.67114E-03	369955.0	3810127.0	477.4	5.00	4.65	4.65	YES	NO
L0000299	0	0.67114E-03	369945.7	3810123.2	477.6	5.00	4.65	4.65	YES	NO
L0000300	0	0.67114E-03	369936.5	3810119.4	477.7	5.00	4.65	4.65	YES	NO

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 L0000301         0   0.67114E-03  369927.3 3810115.5   477.6     5.00     4.65
4.65     YES                    NO
 L0000302         0   0.67114E-03  369918.0 3810111.7   477.5     5.00     4.65
4.65     YES                    NO
 L0000303         0   0.67114E-03  369908.8 3810107.9   477.2     5.00     4.65
4.65     YES                    NO
 L0000304         0   0.67114E-03  369899.5 3810104.0   476.7     5.00     4.65
4.65     YES                    NO
 L0000305         0   0.67114E-03  369890.3 3810100.2   476.4     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.67114E-03  369881.1 3810096.4   476.2     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.67114E-03  369871.8 3810092.5   476.1     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.67114E-03  369862.6 3810088.7   476.1     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.67114E-03  369864.8 3810081.6   476.2     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.67114E-03  369871.4 3810076.0   476.5     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.67114E-03  369880.8 3810079.6   476.5     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.67114E-03  369890.1 3810083.2   476.5     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.67114E-03  369899.4 3810086.8   476.7     5.00     4.65
4.65     YES                    NO
 L0000314         0   0.67114E-03  369908.8 3810090.3   477.0     5.00     4.65
4.65     YES                    NO
 L0000315         0   0.67114E-03  369918.1 3810093.9   477.4     5.00     4.65
4.65     YES                    NO
 L0000316         0   0.67114E-03  369927.5 3810097.5   477.7     5.00     4.65
4.65     YES                    NO
 L0000317         0   0.67114E-03  369936.8 3810101.1   477.9     5.00     4.65
4.65     YES                    NO
 L0000318         0   0.67114E-03  369946.1 3810104.6   477.9     5.00     4.65
4.65     YES                    NO
 L0000319         0   0.67114E-03  369955.5 3810108.2   477.7     5.00     4.65
4.65     YES                    NO
 L0000320         0   0.67114E-03  369964.8 3810111.8   477.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000321	0	0.67114E-03	369974.2	3810115.4	477.4	5.00	4.65	4.65	YES	NO
L0000322	0	0.67114E-03	369983.5	3810119.0	477.3	5.00	4.65	4.65	YES	NO
L0000323	0	0.67114E-03	369992.8	3810122.5	477.2	5.00	4.65	4.65	YES	NO
L0000324	0	0.67114E-03	370002.2	3810126.1	477.2	5.00	4.65	4.65	YES	NO
L0000325	0	0.67114E-03	370011.5	3810129.7	477.1	5.00	4.65	4.65	YES	NO
L0000326	0	0.67114E-03	370020.8	3810133.3	477.6	5.00	4.65	4.65	YES	NO
L0000327	0	0.67114E-03	370030.2	3810136.8	478.6	5.00	4.65	4.65	YES	NO
L0000328	0	0.67114E-03	370039.6	3810139.4	479.8	5.00	4.65	4.65	YES	NO
L0000329	0	0.67114E-03	370049.3	3810136.9	480.0	5.00	4.65	4.65	YES	NO
L0000330	0	0.67114E-03	370058.9	3810134.3	480.1	5.00	4.65	4.65	YES	NO
L0000331	0	0.67114E-03	370068.6	3810131.8	480.0	5.00	4.65	4.65	YES	NO
L0000332	0	0.67114E-03	370078.3	3810129.3	479.8	5.00	4.65	4.65	YES	NO
L0000333	0	0.67114E-03	370087.9	3810126.7	479.5	5.00	4.65	4.65	YES	NO
L0000334	0	0.67114E-03	370097.6	3810124.2	480.9	5.00	4.65	4.65	YES	NO
L0000335	0	0.67114E-03	370107.3	3810121.6	483.4	5.00	4.65	4.65	YES	NO
L0000336	0	0.67114E-03	370117.0	3810119.1	485.9	5.00	4.65	4.65	YES	NO
L0000337	0	0.67114E-03	370126.6	3810116.6	485.9	5.00	4.65	4.65	YES	NO
L0000338	0	0.67114E-03	370136.3	3810114.0	485.4	5.00	4.65	4.65	YES	NO
L0000339	0	0.67114E-03	370146.0	3810111.5	484.9	5.00	4.65	4.65	YES	NO
L0000340	0	0.67114E-03	370155.7	3810109.0	485.0	5.00	4.65	4.65	YES	NO

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 L0000341         0   0.67114E-03  370165.3 3810106.4   486.1     5.00     4.65
4.65     YES                    NO
 L0000342         0   0.67114E-03  370175.0 3810103.9   490.2     5.00     4.65
4.65     YES                    NO
 L0000343         0   0.67114E-03  370184.7 3810101.4   495.1     5.00     4.65
4.65     YES                    NO
 L0000344         0   0.67114E-03  370194.4 3810098.8   499.3     5.00     4.65
4.65     YES                    NO
 L0000345         0   0.67114E-03  370204.0 3810096.3   499.8     5.00     4.65
4.65     YES                    NO
 L0000346         0   0.67114E-03  370213.7 3810093.8   500.5     5.00     4.65
4.65     YES                    NO
 L0000347         0   0.67114E-03  370223.4 3810091.2   498.8     5.00     4.65
4.65     YES                    NO
 L0000348         0   0.67114E-03  370233.0 3810088.5   494.4     5.00     4.65
4.65     YES                    NO
 L0000349         0   0.67114E-03  370242.6 3810085.7   489.6     5.00     4.65
4.65     YES                    NO
 L0000350         0   0.67114E-03  370252.2 3810083.0   487.3     5.00     4.65
4.65     YES                    NO
 L0000351         0   0.67114E-03  370261.8 3810080.2   485.3     5.00     4.65
4.65     YES                    NO
 L0000352         0   0.67114E-03  370271.4 3810077.5   483.4     5.00     4.65
4.65     YES                    NO
 L0000353         0   0.67114E-03  370281.1 3810074.7   482.8     5.00     4.65
4.65     YES                    NO
 L0000354         0   0.67114E-03  370290.7 3810072.0   482.2     5.00     4.65
4.65     YES                    NO
 L0000355         0   0.67114E-03  370300.4 3810069.5   481.9     5.00     4.65
4.65     YES                    NO
 L0000356         0   0.67114E-03  370310.3 3810068.1   481.9     5.00     4.65
4.65     YES                    NO
 L0000357         0   0.67114E-03  370320.2 3810066.8   481.9     5.00     4.65
4.65     YES                    NO
 L0000358         0   0.67114E-03  370330.1 3810065.4   482.0     5.00     4.65
4.65     YES                    NO
 L0000359         0   0.67114E-03  370340.0 3810064.0   482.2     5.00     4.65
4.65     YES                    NO
 L0000360         0   0.67114E-03  370349.9 3810062.6   482.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000361	0	0.67114E-03	370359.8	3810061.2	482.5	5.00	4.65	4.65	YES	NO	
L0000362	0	0.67114E-03	370369.7	3810059.8	482.7	5.00	4.65	4.65	YES	NO	
L0000363	0	0.67114E-03	370379.6	3810058.4	482.8	5.00	4.65	4.65	YES	NO	
L0000364	0	0.67114E-03	370389.5	3810057.0	482.8	5.00	4.65	4.65	YES	NO	
L0000365	0	0.67114E-03	370399.4	3810055.6	482.9	5.00	4.65	4.65	YES	NO	
L0000366	0	0.67114E-03	370409.3	3810054.2	483.0	5.00	4.65	4.65	YES	NO	
L0000367	0	0.67114E-03	370419.2	3810052.8	483.1	5.00	4.65	4.65	YES	NO	
L0000368	0	0.67114E-03	370429.1	3810051.8	483.1	5.00	4.65	4.65	YES	NO	
L0000369	0	0.67114E-03	370439.1	3810051.4	483.2	5.00	4.65	4.65	YES	NO	
L0000370	0	0.67114E-03	370449.1	3810051.0	483.2	5.00	4.65	4.65	YES	NO	
L0000371	0	0.67114E-03	370459.1	3810050.6	483.3	5.00	4.65	4.65	YES	NO	
L0000372	0	0.67114E-03	370469.1	3810050.3	483.5	5.00	4.65	4.65	YES	NO	
L0000373	0	0.67114E-03	370479.1	3810049.9	483.7	5.00	4.65	4.65	YES	NO	
L0000374	0	0.67114E-03	370489.1	3810049.5	483.8	5.00	4.65	4.65	YES	NO	
L0000375	0	0.67114E-03	370499.1	3810049.1	484.0	5.00	4.65	4.65	YES	NO	
L0000376	0	0.67114E-03	370509.1	3810048.7	484.1	5.00	4.65	4.65	YES	NO	
L0000377	0	0.67114E-03	370519.1	3810048.3	484.2	5.00	4.65	4.65	YES	NO	
L0000378	0	0.67114E-03	370529.0	3810047.9	484.2	5.00	4.65	4.65	YES	NO	
L0000379	0	0.67114E-03	370539.0	3810047.6	484.2	5.00	4.65	4.65	YES	NO	
L0000380	0	0.67114E-03	370549.0	3810047.2	484.1	5.00	4.65	4.65	YES	NO	

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 L0000381         0   0.67114E-03  370559.0 3810046.8   484.1     5.00     4.65
4.65     YES                    NO
 L0000382         0   0.67114E-03  370564.8 3810042.8   484.1     5.00     4.65
4.65     YES                    NO
 L0000383         0   0.67114E-03  370563.7 3810032.9   484.4     5.00     4.65
4.65     YES                    NO
 L0000384         0   0.67114E-03  370562.6 3810022.9   484.6     5.00     4.65
4.65     YES                    NO
 L0000385         0   0.67114E-03  370561.5 3810013.0   484.9     5.00     4.65
4.65     YES                    NO
 L0000386         0   0.67114E-03  370560.4 3810003.1   485.1     5.00     4.65
4.65     YES                    NO
 L0000387         0   0.67114E-03  370564.9 3809997.5   485.2     5.00     4.65
4.65     YES                    NO
 L0000388         0   0.67114E-03  370574.8 3809996.1   485.2     5.00     4.65
4.65     YES                    NO
 L0000389         0   0.67114E-03  370584.7 3809994.8   485.8     5.00     4.65
4.65     YES                    NO
 L0000390         0   0.67114E-03  370588.0 3810002.3   485.3     5.00     4.65
4.65     YES                    NO
 L0000391         0   0.67114E-03  370589.6 3810012.2   484.6     5.00     4.65
4.65     YES                    NO
 L0000392         0   0.67114E-03  370591.2 3810022.1   484.4     5.00     4.65
4.65     YES                    NO
 L0000393         0   0.67114E-03  370592.8 3810032.0   484.2     5.00     4.65
4.65     YES                    NO
 L0000394         0   0.67114E-03  370596.4 3810039.1   484.1     5.00     4.65
4.65     YES                    NO
 L0000395         0   0.67114E-03  370606.4 3810038.0   484.2     5.00     4.65
4.65     YES                    NO
 L0000396         0   0.67114E-03  370616.3 3810036.9   484.5     5.00     4.65
4.65     YES                    NO
 L0000397         0   0.67114E-03  370626.2 3810035.8   484.9     5.00     4.65
4.65     YES                    NO
 L0000398         0   0.67114E-03  370624.9 3810025.9   487.0     5.00     4.65
4.65     YES                    NO
 L0000399         0   0.67114E-03  370623.5 3810016.0   488.9     5.00     4.65
4.65     YES                    NO
 L0000400         0   0.67114E-03  370622.2 3810006.1   490.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000401	0	0.67114E-03	370621.0	3809996.3	492.3	5.00	4.65	4.65	YES	NO	
L0000402	0	0.67114E-03	370631.0	3809995.9	493.8	5.00	4.65	4.65	YES	NO	
L0000403	0	0.67114E-03	370641.0	3809995.5	494.2	5.00	4.65	4.65	YES	NO	
L0000404	0	0.67114E-03	370651.0	3809995.1	494.6	5.00	4.65	4.65	YES	NO	
L0000405	0	0.67114E-03	370661.0	3809994.7	494.2	5.00	4.65	4.65	YES	NO	
L0000406	0	0.67114E-03	370670.0	3809990.9	495.7	5.00	4.65	4.65	YES	NO	
L0000407	0	0.67114E-03	370678.6	3809985.7	497.4	5.00	4.65	4.65	YES	NO	
L0000408	0	0.67114E-03	370681.8	3809977.6	499.6	5.00	4.65	4.65	YES	NO	
L0000409	0	0.67114E-03	370681.8	3809967.6	497.3	5.00	4.65	4.65	YES	NO	
L0000410	0	0.67114E-03	370681.8	3809957.6	495.0	5.00	4.65	4.65	YES	NO	
L0000411	0	0.67114E-03	370681.8	3809947.6	492.8	5.00	4.65	4.65	YES	NO	
L0000412	0	0.67114E-03	370681.8	3809937.6	495.2	5.00	4.65	4.65	YES	NO	
L0000413	0	0.67114E-03	370675.9	3809932.8	495.9	5.00	4.65	4.65	YES	NO	
L0000414	0	0.67114E-03	370666.0	3809931.6	495.8	5.00	4.65	4.65	YES	NO	
L0000415	0	0.67114E-03	370656.1	3809930.4	495.7	5.00	4.65	4.65	YES	NO	
L0000416	0	0.67114E-03	370646.2	3809929.1	495.6	5.00	4.65	4.65	YES	NO	
L0000417	0	0.67114E-03	370636.2	3809927.9	495.5	5.00	4.65	4.65	YES	NO	
L0000418	0	0.67114E-03	370626.3	3809926.7	495.5	5.00	4.65	4.65	YES	NO	
L0000419	0	0.67114E-03	370616.4	3809925.5	495.4	5.00	4.65	4.65	YES	NO	
L0000420	0	0.67114E-03	370606.5	3809924.2	495.4	5.00	4.65	4.65	YES	NO	

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 L0000421         0   0.67114E-03  370596.5 3809923.0   494.6     5.00     4.65
4.65     YES                    NO
 L0000422         0   0.67114E-03  370586.6 3809921.8   492.0     5.00     4.65
4.65     YES                    NO
 L0000423         0   0.67114E-03  370576.7 3809920.6   489.1     5.00     4.65
4.65     YES                    NO
 L0000424         0   0.67114E-03  370566.8 3809919.3   487.7     5.00     4.65
4.65     YES                    NO
 L0000425         0   0.67114E-03  370556.8 3809918.1   487.1     5.00     4.65
4.65     YES                    NO
 L0000426         0   0.67114E-03  370546.9 3809916.9   486.7     5.00     4.65
4.65     YES                    NO
 L0000427         0   0.67114E-03  370537.0 3809915.6   486.8     5.00     4.65
4.65     YES                    NO
 L0000428         0   0.67114E-03  370527.1 3809914.4   486.8     5.00     4.65
4.65     YES                    NO
 L0000429         0   0.67114E-03  370517.1 3809913.2   486.8     5.00     4.65
4.65     YES                    NO
 L0000430         0   0.67114E-03  370507.8 3809911.4   486.9     5.00     4.65
4.65     YES                    NO
 L0000431         0   0.67114E-03  370506.5 3809901.5   487.1     5.00     4.65
4.65     YES                    NO
 L0000432         0   0.67114E-03  370505.2 3809891.5   487.3     5.00     4.65
4.65     YES                    NO
 L0000433         0   0.67114E-03  370503.9 3809881.6   487.5     5.00     4.65
4.65     YES                    NO
 L0000434         0   0.67114E-03  370502.7 3809871.7   487.7     5.00     4.65
4.65     YES                    NO
 L0000435         0   0.67114E-03  370501.4 3809861.8   487.8     5.00     4.65
4.65     YES                    NO
 L0000436         0   0.67114E-03  370496.7 3809854.1   487.9     5.00     4.65
4.65     YES                    NO
 L0000437         0   0.67114E-03  370488.0 3809849.2   488.1     5.00     4.65
4.65     YES                    NO
 L0000438         0   0.67114E-03  370479.4 3809844.2   488.3     5.00     4.65
4.65     YES                    NO
 L0000439         0   0.67114E-03  370470.7 3809839.2   488.5     5.00     4.65
4.65     YES                    NO
 L0000440         0   0.67114E-03  370462.0 3809834.2   488.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0000441	0	0.67114E-03	370453.4	3809829.2	488.4	5.00	4.65	4.65	YES	NO
L0000442	0	0.67114E-03	370444.7	3809824.2	488.2	5.00	4.65	4.65	YES	NO
L0000443	0	0.67114E-03	370436.0	3809819.3	488.3	5.00	4.65	4.65	YES	NO
L0000444	0	0.67114E-03	370429.2	3809813.4	488.4	5.00	4.65	4.65	YES	NO
L0000445	0	0.67114E-03	370430.7	3809803.5	488.6	5.00	4.65	4.65	YES	NO
L0000446	0	0.67114E-03	370432.2	3809793.6	488.8	5.00	4.65	4.65	YES	NO
L0000447	0	0.67114E-03	370433.8	3809783.7	489.0	5.00	4.65	4.65	YES	NO
L0000448	0	0.67114E-03	370435.3	3809773.8	489.2	5.00	4.65	4.65	YES	NO
L0000449	0	0.67114E-03	370436.8	3809763.9	489.5	5.00	4.65	4.65	YES	NO
L0000450	0	0.67114E-03	370438.3	3809754.0	489.7	5.00	4.65	4.65	YES	NO
L0000451	0	0.67114E-03	370439.8	3809744.2	490.0	5.00	4.65	4.65	YES	NO
L0000452	0	0.67114E-03	370441.3	3809734.3	490.3	5.00	4.65	4.65	YES	NO
L0000453	0	0.67114E-03	370442.8	3809724.4	490.5	5.00	4.65	4.65	YES	NO
L0000454	0	0.67114E-03	370444.3	3809714.5	490.8	5.00	4.65	4.65	YES	NO
L0000455	0	0.67114E-03	370445.8	3809704.6	491.1	5.00	4.65	4.65	YES	NO
L0000456	0	0.67114E-03	370447.3	3809694.7	491.3	5.00	4.65	4.65	YES	NO
L0000457	0	0.67114E-03	370448.8	3809684.8	491.6	5.00	4.65	4.65	YES	NO
L0000458	0	0.67114E-03	370450.3	3809675.0	491.8	5.00	4.65	4.65	YES	NO
L0000459	0	0.67114E-03	370451.8	3809665.1	492.7	5.00	4.65	4.65	YES	NO
L0000460	0	0.67114E-03	370453.3	3809655.2	493.6	5.00	4.65	4.65	YES	NO

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 L0000461         0   0.67114E-03  370454.8 3809645.3   494.3     5.00     4.65
4.65     YES                    NO
 L0000462         0   0.67114E-03  370456.3 3809635.4   495.6     5.00     4.65
4.65     YES                    NO
 L0000463         0   0.67114E-03  370458.8 3809626.1   496.6     5.00     4.65
4.65     YES                    NO
 L0000464         0   0.67114E-03  370467.1 3809620.6   495.3     5.00     4.65
4.65     YES                    NO
 L0000465         0   0.67114E-03  370475.4 3809615.0   495.1     5.00     4.65
4.65     YES                    NO
 L0000466         0   0.67114E-03  370483.7 3809609.5   494.9     5.00     4.65
4.65     YES                    NO
 L0000467         0   0.67114E-03  370492.1 3809603.9   494.5     5.00     4.65
4.65     YES                    NO
 L0000468         0   0.67114E-03  370500.4 3809598.4   494.9     5.00     4.65
4.65     YES                    NO
 L0000469         0   0.67114E-03  370508.7 3809592.8   495.0     5.00     4.65
4.65     YES                    NO
 L0000470         0   0.67114E-03  370517.0 3809587.3   494.9     5.00     4.65
4.65     YES                    NO
 L0000471         0   0.67114E-03  370525.3 3809581.7   495.0     5.00     4.65
4.65     YES                    NO
 L0000472         0   0.67114E-03  370533.7 3809576.2   495.3     5.00     4.65
4.65     YES                    NO
 L0000473         0   0.67114E-03  370542.0 3809570.6   495.4     5.00     4.65
4.65     YES                    NO
 L0000474         0   0.67114E-03  370550.3 3809565.1   495.6     5.00     4.65
4.65     YES                    NO
 L0000475         0   0.67114E-03  370558.6 3809559.6   495.8     5.00     4.65
4.65     YES                    NO
 L0000476         0   0.67114E-03  370566.9 3809554.0   496.0     5.00     4.65
4.65     YES                    NO
 L0000477         0   0.67114E-03  370575.3 3809548.5   496.2     5.00     4.65
4.65     YES                    NO
 L0000478         0   0.67114E-03  370583.6 3809542.9   496.4     5.00     4.65
4.65     YES                    NO
 L0000479         0   0.67114E-03  370591.9 3809537.4   496.6     5.00     4.65
4.65     YES                    NO
 L0000480         0   0.67114E-03  370600.2 3809531.8   496.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000481	0	0.67114E-03	370608.5	3809526.3	497.0	5.00	4.65	4.65	YES	NO
L0000482	0	0.67114E-03	370616.9	3809520.7	497.1	5.00	4.65	4.65	YES	NO
L0000483	0	0.67114E-03	370625.2	3809515.2	497.4	5.00	4.65	4.65	YES	NO
L0000484	0	0.67114E-03	370633.5	3809509.6	497.7	5.00	4.65	4.65	YES	NO
L0000485	0	0.67114E-03	370641.8	3809504.1	498.1	5.00	4.65	4.65	YES	NO
L0000486	0	0.67114E-03	370650.1	3809498.5	498.4	5.00	4.65	4.65	YES	NO
L0000487	0	0.67114E-03	370658.5	3809493.0	498.6	5.00	4.65	4.65	YES	NO
L0000488	0	0.67114E-03	370666.8	3809487.4	498.9	5.00	4.65	4.65	YES	NO
L0000489	0	0.67114E-03	370675.1	3809481.9	499.2	5.00	4.65	4.65	YES	NO
L0000490	0	0.67114E-03	370683.5	3809476.4	499.4	5.00	4.65	4.65	YES	NO
L0000491	0	0.67114E-03	370691.8	3809470.9	499.6	5.00	4.65	4.65	YES	NO
L0000492	0	0.67114E-03	370700.1	3809465.4	499.8	5.00	4.65	4.65	YES	NO
L0000493	0	0.67114E-03	370708.5	3809459.8	499.9	5.00	4.65	4.65	YES	NO
L0000494	0	0.67114E-03	370716.8	3809454.3	499.9	5.00	4.65	4.65	YES	NO
L0000495	0	0.67114E-03	370725.2	3809448.8	500.1	5.00	4.65	4.65	YES	NO
L0000496	0	0.67114E-03	370733.5	3809443.3	500.3	5.00	4.65	4.65	YES	NO
L0000497	0	0.67114E-03	370741.8	3809437.8	500.6	5.00	4.65	4.65	YES	NO
L0000498	0	0.67114E-03	370750.2	3809432.3	501.0	5.00	4.65	4.65	YES	NO
L0000499	0	0.67114E-03	370758.5	3809426.7	501.3	5.00	4.65	4.65	YES	NO
L0000500	0	0.67114E-03	370766.9	3809421.2	501.6	5.00	4.65	4.65	YES	NO

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 L0000501         0   0.67114E-03  370775.2 3809415.7   501.9     5.00     4.65
4.65     YES                    NO
 L0000502         0   0.67114E-03  370783.5 3809410.2   502.1     5.00     4.65
4.65     YES                    NO
 L0000503         0   0.67114E-03  370789.4 3809403.4   502.4     5.00     4.65
4.65     YES                    NO
 L0000504         0   0.67114E-03  370789.2 3809393.4   502.6     5.00     4.65
4.65     YES                    NO
 L0000505         0   0.67114E-03  370789.0 3809383.4   502.8     5.00     4.65
4.65     YES                    NO
 L0000506         0   0.67114E-03  370788.8 3809373.4   502.9     5.00     4.65
4.65     YES                    NO
 L0000507         0   0.67114E-03  370788.6 3809363.4   503.2     5.00     4.65
4.65     YES                    NO
 L0000508         0   0.67114E-03  370788.4 3809353.4   503.4     5.00     4.65
4.65     YES                    NO
 L0000509         0   0.67114E-03  370788.2 3809343.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000510         0   0.67114E-03  370788.0 3809333.4   504.1     5.00     4.65
4.65     YES                    NO
 L0000511         0   0.67114E-03  370787.8 3809323.4   503.8     5.00     4.65
4.65     YES                    NO
 L0000512         0   0.67114E-03  370784.8 3809315.1   503.2     5.00     4.65
4.65     YES                    NO
 L0000513         0   0.67114E-03  370776.0 3809310.4   502.8     5.00     4.65
4.65     YES                    NO
 L0000514         0   0.67114E-03  370767.1 3809305.8   502.5     5.00     4.65
4.65     YES                    NO
 L0000515         0   0.67114E-03  370758.3 3809301.1   502.1     5.00     4.65
4.65     YES                    NO
 L0000516         0   0.67114E-03  370757.4 3809295.9   502.1     5.00     4.65
4.65     YES                    NO
 L0000517         0   0.67114E-03  370765.5 3809290.1   502.4     5.00     4.65
4.65     YES                    NO
 L0000518         0   0.67114E-03  370775.4 3809290.1   502.5     5.00     4.65
4.65     YES                    NO
 L0000519         0   0.67114E-03  370785.4 3809290.6   502.6     5.00     4.65
4.65     YES                    NO
 L0000520         0   0.67114E-03  370795.4 3809291.1   502.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:51:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000521	0	0.67114E-03	370805.4	3809291.6	503.5	5.00	4.65	4.65	YES	NO	
L0000522	0	0.67114E-03	370815.3	3809292.3	504.4	5.00	4.65	4.65	YES	NO	
L0000523	0	0.67114E-03	370825.3	3809293.1	505.0	5.00	4.65	4.65	YES	NO	
L0000524	0	0.67114E-03	370835.3	3809293.8	505.3	5.00	4.65	4.65	YES	NO	
L0000525	0	0.67114E-03	370845.3	3809294.5	505.4	5.00	4.65	4.65	YES	NO	
L0000526	0	0.67114E-03	370855.1	3809296.1	505.5	5.00	4.65	4.65	YES	NO	
L0000527	0	0.67114E-03	370864.5	3809299.4	505.3	5.00	4.65	4.65	YES	NO	
L0000528	0	0.67114E-03	370873.9	3809302.7	505.2	5.00	4.65	4.65	YES	NO	
L0000529	0	0.67114E-03	370883.1	3809306.4	504.9	5.00	4.65	4.65	YES	NO	
L0000530	0	0.67114E-03	370888.3	3809314.9	504.4	5.00	4.65	4.65	YES	NO	
L0000531	0	0.67114E-03	370893.5	3809323.5	504.0	5.00	4.65	4.65	YES	NO	
L0000532	0	0.67114E-03	370898.7	3809332.0	503.6	5.00	4.65	4.65	YES	NO	
L0000533	0	0.67114E-03	370903.9	3809340.6	503.2	5.00	4.65	4.65	YES	NO	
L0000534	0	0.67114E-03	370909.1	3809349.1	502.9	5.00	4.65	4.65	YES	NO	
L0000535	0	0.67114E-03	370914.5	3809357.5	502.6	5.00	4.65	4.65	YES	NO	
L0000536	0	0.67114E-03	370919.8	3809366.0	502.4	5.00	4.65	4.65	YES	NO	
L0000537	0	0.67114E-03	370929.4	3809367.3	502.1	5.00	4.65	4.65	YES	NO	
L0000538	0	0.67114E-03	370939.4	3809367.8	501.8	5.00	4.65	4.65	YES	NO	
L0000539	0	0.67114E-03	370949.3	3809368.3	501.5	5.00	4.65	4.65	YES	NO	
L0000540	0	0.67114E-03	370954.8	3809373.5	501.3	5.00	4.65	4.65	YES	NO	

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 L0000541         0   0.67114E-03  370955.6 3809383.4   501.3     5.00     4.65
4.65     YES                    NO
 L0000542         0   0.67114E-03  370956.4 3809393.4   501.2     5.00     4.65
4.65     YES                    NO
 L0000543         0   0.67114E-03  370957.2 3809403.4   501.0     5.00     4.65
4.65     YES                    NO
 L0000544         0   0.67114E-03  370958.0 3809413.3   500.9     5.00     4.65
4.65     YES                    NO
 L0000545         0   0.67114E-03  370967.9 3809413.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000546         0   0.67114E-03  370977.9 3809413.4   500.2     5.00     4.65
4.65     YES                    NO
 L0000547         0   0.67114E-03  370987.9 3809413.4   500.0     5.00     4.65
4.65     YES                    NO
 L0000548         0   0.67114E-03  370997.9 3809413.4   499.8     5.00     4.65
4.65     YES                    NO
 L0000549         0   0.67114E-03  371007.9 3809413.4   499.6     5.00     4.65
4.65     YES                    NO
 L0000550         0   0.67114E-03  371017.9 3809413.4   499.3     5.00     4.65
4.65     YES                    NO
 L0000551         0   0.67114E-03  371027.9 3809413.4   499.1     5.00     4.65
4.65     YES                    NO
 L0000552         0   0.67114E-03  371037.9 3809413.4   498.8     5.00     4.65
4.65     YES                    NO
 L0000553         0   0.67114E-03  371047.9 3809413.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000554         0   0.67114E-03  371057.9 3809413.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000555         0   0.67114E-03  371067.9 3809413.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000556         0   0.67114E-03  371077.9 3809413.4   497.8     5.00     4.65
4.65     YES                    NO
 L0000557         0   0.67114E-03  371087.9 3809413.4   497.6     5.00     4.65
4.65     YES                    NO
 L0000558         0   0.67114E-03  371097.9 3809413.4   497.4     5.00     4.65
4.65     YES                    NO
 L0000559         0   0.67114E-03  371107.9 3809413.4   497.8     5.00     4.65
4.65     YES                    NO
 L0000560         0   0.67114E-03  371117.9 3809413.4   498.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000561	0	0.67114E-03	371127.9	3809413.4	499.5	5.00	4.65	4.65	YES	NO	
L0000562	0	0.67114E-03	371130.3	3809421.1	500.8	5.00	4.65	4.65	YES	NO	
L0000563	0	0.67114E-03	371130.5	3809431.1	501.8	5.00	4.65	4.65	YES	NO	
L0000564	0	0.67114E-03	371130.7	3809441.1	502.8	5.00	4.65	4.65	YES	NO	
L0000565	0	0.67114E-03	371130.8	3809451.1	503.1	5.00	4.65	4.65	YES	NO	
L0000566	0	0.67114E-03	371131.0	3809461.1	501.6	5.00	4.65	4.65	YES	NO	
L0000567	0	0.67114E-03	371131.1	3809471.1	500.1	5.00	4.65	4.65	YES	NO	
L0000568	0	0.67114E-03	371131.3	3809481.1	498.7	5.00	4.65	4.65	YES	NO	
L0000569	0	0.67114E-03	371131.4	3809491.1	497.8	5.00	4.65	4.65	YES	NO	
L0000570	0	0.67114E-03	371131.6	3809501.1	496.8	5.00	4.65	4.65	YES	NO	
L0000571	0	0.67114E-03	371131.7	3809511.1	495.9	5.00	4.65	4.65	YES	NO	
L0000572	0	0.67114E-03	371131.9	3809521.1	495.6	5.00	4.65	4.65	YES	NO	
L0000573	0	0.67114E-03	371132.1	3809531.1	495.3	5.00	4.65	4.65	YES	NO	
L0000574	0	0.67114E-03	371132.2	3809541.1	495.0	5.00	4.65	4.65	YES	NO	
L0000575	0	0.67114E-03	371132.4	3809551.1	494.7	5.00	4.65	4.65	YES	NO	
L0000576	0	0.67114E-03	371132.5	3809561.1	494.4	5.00	4.65	4.65	YES	NO	
L0000577	0	0.67114E-03	371132.7	3809571.1	494.1	5.00	4.65	4.65	YES	NO	
L0000578	0	0.67114E-03	371132.8	3809581.1	494.0	5.00	4.65	4.65	YES	NO	
L0000579	0	0.67114E-03	371133.0	3809591.1	493.9	5.00	4.65	4.65	YES	NO	
L0000580	0	0.67114E-03	371133.2	3809601.1	493.7	5.00	4.65	4.65	YES	NO	

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 L0000581         0   0.67114E-03  371133.3 3809611.1   493.6     5.00     4.65
4.65     YES                    NO
 L0000582         0   0.67114E-03  371133.5 3809621.1   493.4     5.00     4.65
4.65     YES                    NO
 L0000583         0   0.67114E-03  371133.6 3809631.1   493.3     5.00     4.65
4.65     YES                    NO
 L0000584         0   0.67114E-03  371133.8 3809641.1   493.9     5.00     4.65
4.65     YES                    NO
 L0000585         0   0.67114E-03  371133.9 3809651.1   494.7     5.00     4.65
4.65     YES                    NO
 L0000586         0   0.67114E-03  371134.1 3809661.1   495.5     5.00     4.65
4.65     YES                    NO
 L0000587         0   0.67114E-03  371134.2 3809671.1   494.8     5.00     4.65
4.65     YES                    NO
 L0000588         0   0.67114E-03  371134.4 3809681.1   493.5     5.00     4.65
4.65     YES                    NO
 L0000589         0   0.67114E-03  371134.6 3809691.1   492.2     5.00     4.65
4.65     YES                    NO
 L0000590         0   0.67114E-03  371134.7 3809701.1   491.6     5.00     4.65
4.65     YES                    NO
 L0000591         0   0.67114E-03  371134.9 3809711.1   491.4     5.00     4.65
4.65     YES                    NO
 L0000592         0   0.67114E-03  371135.0 3809721.1   491.2     5.00     4.65
4.65     YES                    NO
 L0000593         0   0.67114E-03  371135.2 3809731.1   491.0     5.00     4.65
4.65     YES                    NO
 L0000594         0   0.67114E-03  371135.3 3809741.1   490.9     5.00     4.65
4.65     YES                    NO
 L0000595         0   0.67114E-03  371135.5 3809751.1   490.8     5.00     4.65
4.65     YES                    NO
 L0000596         0   0.67114E-03  371135.6 3809761.1   490.8     5.00     4.65
4.65     YES                    NO
 L0000597         0   0.67114E-03  371135.8 3809771.1   490.8     5.00     4.65
4.65     YES                    NO
 L0000598         0   0.67114E-03  371136.0 3809781.1   490.8     5.00     4.65
4.65     YES                    NO
 L0000599         0   0.67114E-03  371136.1 3809791.1   491.2     5.00     4.65
4.65     YES                    NO
 L0000600         0   0.67114E-03  371136.3 3809801.1   492.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000601	0	0.67114E-03	371136.4	3809811.1	493.3	5.00	4.65	4.65	YES	NO	
L0000602	0	0.67114E-03	371136.6	3809821.1	494.0	5.00	4.65	4.65	YES	NO	
L0000603	0	0.67114E-03	371136.7	3809831.1	493.9	5.00	4.65	4.65	YES	NO	
L0000604	0	0.67114E-03	371136.9	3809841.1	493.8	5.00	4.65	4.65	YES	NO	
L0000605	0	0.67114E-03	371137.0	3809851.1	493.6	5.00	4.65	4.65	YES	NO	
L0000606	0	0.67114E-03	371137.2	3809861.1	493.0	5.00	4.65	4.65	YES	NO	
L0000607	0	0.67114E-03	371137.4	3809871.1	492.5	5.00	4.65	4.65	YES	NO	
L0000608	0	0.67114E-03	371137.5	3809881.1	492.1	5.00	4.65	4.65	YES	NO	
L0000609	0	0.67114E-03	371137.7	3809891.1	492.0	5.00	4.65	4.65	YES	NO	
L0000610	0	0.67114E-03	371137.8	3809901.1	492.0	5.00	4.65	4.65	YES	NO	
L0000611	0	0.67114E-03	371138.0	3809911.1	491.9	5.00	4.65	4.65	YES	NO	
L0000612	0	0.67114E-03	371138.1	3809921.1	492.0	5.00	4.65	4.65	YES	NO	
L0000613	0	0.67114E-03	371138.3	3809931.1	492.1	5.00	4.65	4.65	YES	NO	
L0000614	0	0.67114E-03	371138.4	3809941.1	492.2	5.00	4.65	4.65	YES	NO	
L0000615	0	0.67114E-03	371138.6	3809951.1	492.3	5.00	4.65	4.65	YES	NO	
L0000616	0	0.67114E-03	371138.8	3809961.1	492.4	5.00	4.65	4.65	YES	NO	
L0000617	0	0.67114E-03	371138.9	3809971.1	492.5	5.00	4.65	4.65	YES	NO	
L0000618	0	0.67114E-03	371139.1	3809981.1	493.2	5.00	4.65	4.65	YES	NO	
L0000619	0	0.67114E-03	371137.3	3809988.8	493.8	5.00	4.65	4.65	YES	NO	
L0000620	0	0.67114E-03	371127.5	3809987.1	493.8	5.00	4.65	4.65	YES	NO	

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 L0000621         0   0.67114E-03  371117.6 3809985.4   493.7     5.00     4.65
4.65     YES                    NO
 L0000622         0   0.67114E-03  371107.8 3809983.7   493.8     5.00     4.65
4.65     YES                    NO
 L0000623         0   0.67114E-03  371097.9 3809981.9   494.4     5.00     4.65
4.65     YES                    NO
 L0000624         0   0.67114E-03  371088.1 3809980.2   494.4     5.00     4.65
4.65     YES                    NO
 L0000625         0   0.67114E-03  371078.2 3809978.5   493.7     5.00     4.65
4.65     YES                    NO
 L0000626         0   0.67114E-03  371068.4 3809976.8   492.7     5.00     4.65
4.65     YES                    NO
 L0000627         0   0.67114E-03  371058.5 3809975.0   491.7     5.00     4.65
4.65     YES                    NO
 L0000628         0   0.67114E-03  371048.7 3809973.3   490.4     5.00     4.65
4.65     YES                    NO
 L0000629         0   0.67114E-03  371038.8 3809971.6   490.1     5.00     4.65
4.65     YES                    NO
 L0000630         0   0.67114E-03  371029.0 3809969.9   489.6     5.00     4.65
4.65     YES                    NO
 L0000631         0   0.67114E-03  371019.1 3809968.1   489.2     5.00     4.65
4.65     YES                    NO
 L0000632         0   0.67114E-03  371009.3 3809966.4   488.8     5.00     4.65
4.65     YES                    NO
 L0000633         0   0.67114E-03  370999.4 3809964.7   488.6     5.00     4.65
4.65     YES                    NO
 L0000634         0   0.67114E-03  370989.6 3809963.0   488.4     5.00     4.65
4.65     YES                    NO
 L0000635         0   0.67114E-03  370979.7 3809961.2   488.2     5.00     4.65
4.65     YES                    NO
 L0000636         0   0.67114E-03  370969.9 3809959.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000637         0   0.67114E-03  370960.0 3809957.8   488.0     5.00     4.65
4.65     YES                    NO
 L0000638         0   0.67114E-03  370950.2 3809956.1   487.8     5.00     4.65
4.65     YES                    NO
 L0000639         0   0.67114E-03  370940.3 3809954.3   487.5     5.00     4.65
4.65     YES                    NO
 L0000640         0   0.67114E-03  370930.5 3809952.6   487.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0000641	0	0.67114E-03	370920.6	3809950.9	487.4	5.00	4.65	4.65	YES	NO
L0000642	0	0.67114E-03	370910.8	3809949.2	487.4	5.00	4.65	4.65	YES	NO
L0000643	0	0.67114E-03	370900.9	3809947.4	487.5	5.00	4.65	4.65	YES	NO
L0000644	0	0.67114E-03	370891.1	3809945.7	487.6	5.00	4.65	4.65	YES	NO
L0000645	0	0.67114E-03	370881.2	3809944.0	487.6	5.00	4.65	4.65	YES	NO
L0000646	0	0.67114E-03	370871.4	3809942.3	487.7	5.00	4.65	4.65	YES	NO
L0000647	0	0.67114E-03	370861.5	3809940.5	487.8	5.00	4.65	4.65	YES	NO
L0000648	0	0.67114E-03	370851.7	3809938.8	487.8	5.00	4.65	4.65	YES	NO
L0000649	0	0.67114E-03	370841.8	3809937.1	487.9	5.00	4.65	4.65	YES	NO
L0000650	0	0.67114E-03	370832.0	3809935.4	487.9	5.00	4.65	4.65	YES	NO
L0000651	0	0.67114E-03	370822.1	3809933.6	488.1	5.00	4.65	4.65	YES	NO
L0000652	0	0.67114E-03	370812.3	3809931.9	488.3	5.00	4.65	4.65	YES	NO
L0000653	0	0.67114E-03	370802.4	3809930.2	488.6	5.00	4.65	4.65	YES	NO
L0000654	0	0.67114E-03	370792.6	3809928.5	489.7	5.00	4.65	4.65	YES	NO
L0000655	0	0.67114E-03	370782.7	3809926.7	490.7	5.00	4.65	4.65	YES	NO
L0000656	0	0.67114E-03	370772.9	3809925.0	492.3	5.00	4.65	4.65	YES	NO
L0000657	0	0.67114E-03	370763.0	3809923.3	494.8	5.00	4.65	4.65	YES	NO
L0000658	0	0.67114E-03	370753.2	3809921.6	497.8	5.00	4.65	4.65	YES	NO
L0000659	0	0.67114E-03	370743.3	3809920.1	499.5	5.00	4.65	4.65	YES	NO
L0000660	0	0.67114E-03	370733.4	3809918.8	501.2	5.00	4.65	4.65	YES	NO

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 L0000661         0   0.67114E-03  370723.4 3809917.4   502.6     5.00     4.65
4.65     YES                    NO
 L0000662         0   0.67114E-03  370713.5 3809916.1   502.7     5.00     4.65
4.65     YES                    NO
 L0000663         0   0.67114E-03  370703.6 3809914.8   502.2     5.00     4.65
4.65     YES                    NO
 L0000664         0   0.67114E-03  370693.7 3809913.4   501.2     5.00     4.65
4.65     YES                    NO
 L0000665         0   0.67114E-03  370683.8 3809912.1   500.0     5.00     4.65
4.65     YES                    NO
 L0000666         0   0.67114E-03  370673.9 3809910.8   498.9     5.00     4.65
4.65     YES                    NO
 L0000667         0   0.67114E-03  370664.0 3809909.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000668         0   0.67114E-03  370654.1 3809908.1   497.0     5.00     4.65
4.65     YES                    NO
 L0000669         0   0.67114E-03  370644.2 3809906.8   495.9     5.00     4.65
4.65     YES                    NO
 L0000670         0   0.67114E-03  370634.2 3809905.4   494.7     5.00     4.65
4.65     YES                    NO
 L0000671         0   0.67114E-03  370624.3 3809904.1   493.3     5.00     4.65
4.65     YES                    NO
 L0000672         0   0.67114E-03  370614.4 3809902.8   492.6     5.00     4.65
4.65     YES                    NO
 L0000673         0   0.67114E-03  370604.5 3809901.4   491.9     5.00     4.65
4.65     YES                    NO
 L0000674         0   0.67114E-03  370594.6 3809900.1   490.7     5.00     4.65
4.65     YES                    NO
 L0000675         0   0.67114E-03  370584.7 3809898.8   489.2     5.00     4.65
4.65     YES                    NO
 L0000676         0   0.67114E-03  370574.8 3809897.4   488.0     5.00     4.65
4.65     YES                    NO
 L0000677         0   0.67114E-03  370564.9 3809896.1   487.7     5.00     4.65
4.65     YES                    NO
 L0000678         0   0.67114E-03  370555.0 3809894.8   487.5     5.00     4.65
4.65     YES                    NO
 L0000679         0   0.67114E-03  370545.0 3809893.4   487.5     5.00     4.65
4.65     YES                    NO
 L0000680         0   0.67114E-03  370536.5 3809890.9   487.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000681	0	0.67114E-03	370536.1	3809880.9	487.9	5.00	4.65	4.65	YES	NO
L0000682	0	0.67114E-03	370535.7	3809870.9	488.2	5.00	4.65	4.65	YES	NO
L0000683	0	0.67114E-03	370535.3	3809860.9	488.6	5.00	4.65	4.65	YES	NO
L0000684	0	0.67114E-03	370534.9	3809850.9	488.8	5.00	4.65	4.65	YES	NO
L0000685	0	0.67114E-03	370529.3	3809843.8	488.9	5.00	4.65	4.65	YES	NO
L0000686	0	0.67114E-03	370521.1	3809838.1	489.0	5.00	4.65	4.65	YES	NO
L0000687	0	0.67114E-03	370512.8	3809832.5	489.0	5.00	4.65	4.65	YES	NO
L0000688	0	0.67114E-03	370504.6	3809826.8	489.0	5.00	4.65	4.65	YES	NO
L0000689	0	0.67114E-03	370496.3	3809821.2	489.1	5.00	4.65	4.65	YES	NO
L0000690	0	0.67114E-03	370488.1	3809815.6	489.2	5.00	4.65	4.65	YES	NO
L0000691	0	0.67114E-03	370479.8	3809809.9	489.3	5.00	4.65	4.65	YES	NO
L0000692	0	0.67114E-03	370471.5	3809804.3	489.4	5.00	4.65	4.65	YES	NO
L0000693	0	0.67114E-03	370463.3	3809798.6	489.3	5.00	4.65	4.65	YES	NO
L0000694	0	0.67114E-03	370462.2	3809789.8	489.5	5.00	4.65	4.65	YES	NO
L0000695	0	0.67114E-03	370463.4	3809779.9	489.8	5.00	4.65	4.65	YES	NO
L0000696	0	0.67114E-03	370464.7	3809769.9	490.1	5.00	4.65	4.65	YES	NO
L0000697	0	0.67114E-03	370465.9	3809760.0	490.4	5.00	4.65	4.65	YES	NO
L0000698	0	0.67114E-03	370467.1	3809750.1	490.7	5.00	4.65	4.65	YES	NO
L0000699	0	0.67114E-03	370468.4	3809740.2	491.0	5.00	4.65	4.65	YES	NO
L0000700	0	0.67114E-03	370469.6	3809730.2	491.2	5.00	4.65	4.65	YES	NO

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 L0000701         0   0.67114E-03  370470.9 3809720.3   491.4     5.00     4.65
4.65     YES                    NO
 L0000702         0   0.67114E-03  370472.1 3809710.4   491.6     5.00     4.65
4.65     YES                    NO
 L0000703         0   0.67114E-03  370473.3 3809700.5   491.8     5.00     4.65
4.65     YES                    NO
 L0000704         0   0.67114E-03  370474.6 3809690.6   492.0     5.00     4.65
4.65     YES                    NO
 L0000705         0   0.67114E-03  370475.8 3809680.6   492.3     5.00     4.65
4.65     YES                    NO
 L0000706         0   0.67114E-03  370477.1 3809670.7   492.6     5.00     4.65
4.65     YES                    NO
 L0000707         0   0.67114E-03  370478.3 3809660.8   492.9     5.00     4.65
4.65     YES                    NO
 L0000708         0   0.67114E-03  370481.6 3809652.1   493.2     5.00     4.65
4.65     YES                    NO
 L0000709         0   0.67114E-03  370489.9 3809646.5   493.5     5.00     4.65
4.65     YES                    NO
 L0000710         0   0.67114E-03  370498.2 3809640.9   493.7     5.00     4.65
4.65     YES                    NO
 L0000711         0   0.67114E-03  370506.5 3809635.3   493.8     5.00     4.65
4.65     YES                    NO
 L0000712         0   0.67114E-03  370514.7 3809629.7   494.1     5.00     4.65
4.65     YES                    NO
 L0000713         0   0.67114E-03  370523.0 3809624.1   494.2     5.00     4.65
4.65     YES                    NO
 L0000714         0   0.67114E-03  370531.3 3809618.6   494.3     5.00     4.65
4.65     YES                    NO
 L0000715         0   0.67114E-03  370539.6 3809613.0   494.4     5.00     4.65
4.65     YES                    NO
 L0000716         0   0.67114E-03  370547.9 3809607.4   494.5     5.00     4.65
4.65     YES                    NO
 L0000717         0   0.67114E-03  370556.2 3809601.8   494.7     5.00     4.65
4.65     YES                    NO
 L0000718         0   0.67114E-03  370564.5 3809596.2   495.0     5.00     4.65
4.65     YES                    NO
 L0000719         0   0.67114E-03  370572.8 3809590.6   495.2     5.00     4.65
4.65     YES                    NO
 L0000720         0   0.67114E-03  370581.0 3809585.0   495.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000721	0	0.67114E-03	370589.3	3809579.4	495.4	5.00	4.65	4.65	YES	NO
L0000722	0	0.67114E-03	370597.6	3809573.8	495.6	5.00	4.65	4.65	YES	NO
L0000723	0	0.67114E-03	370605.9	3809568.2	495.9	5.00	4.65	4.65	YES	NO
L0000724	0	0.67114E-03	370614.2	3809562.6	496.2	5.00	4.65	4.65	YES	NO
L0000725	0	0.67114E-03	370622.5	3809557.0	496.4	5.00	4.65	4.65	YES	NO
L0000726	0	0.67114E-03	370630.8	3809551.4	496.7	5.00	4.65	4.65	YES	NO
L0000727	0	0.67114E-03	370639.1	3809545.8	496.9	5.00	4.65	4.65	YES	NO
L0000728	0	0.67114E-03	370647.3	3809540.2	497.2	5.00	4.65	4.65	YES	NO
L0000729	0	0.67114E-03	370655.6	3809534.6	497.6	5.00	4.65	4.65	YES	NO
L0000730	0	0.67114E-03	370663.9	3809529.0	497.8	5.00	4.65	4.65	YES	NO
L0000731	0	0.67114E-03	370672.2	3809523.4	498.0	5.00	4.65	4.65	YES	NO
L0000732	0	0.67114E-03	370680.5	3809517.8	498.2	5.00	4.65	4.65	YES	NO
L0000733	0	0.67114E-03	370688.8	3809512.2	498.5	5.00	4.65	4.65	YES	NO
L0000734	0	0.67114E-03	370697.1	3809506.6	498.8	5.00	4.65	4.65	YES	NO
L0000735	0	0.67114E-03	370705.4	3809501.0	499.0	5.00	4.65	4.65	YES	NO
L0000736	0	0.67114E-03	370713.6	3809495.4	499.2	5.00	4.65	4.65	YES	NO
L0000737	0	0.67114E-03	370721.9	3809489.8	499.4	5.00	4.65	4.65	YES	NO
L0000738	0	0.67114E-03	370730.2	3809484.2	499.6	5.00	4.65	4.65	YES	NO
L0000739	0	0.67114E-03	370738.5	3809478.6	499.7	5.00	4.65	4.65	YES	NO
L0000740	0	0.67114E-03	370746.8	3809473.0	499.8	5.00	4.65	4.65	YES	NO

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 L0000741         0   0.67114E-03  370755.1 3809467.4   500.1     5.00     4.65
4.65     YES                    NO
 L0000742         0   0.67114E-03  370763.7 3809462.5   500.4     5.00     4.65
4.65     YES                    NO
 L0000743         0   0.67114E-03  370772.4 3809457.5   500.7     5.00     4.65
4.65     YES                    NO
 L0000744         0   0.67114E-03  370781.1 3809452.5   501.0     5.00     4.65
4.65     YES                    NO
 L0000745         0   0.67114E-03  370789.8 3809447.6   501.4     5.00     4.65
4.65     YES                    NO
 L0000746         0   0.67114E-03  370798.5 3809442.6   501.7     5.00     4.65
4.65     YES                    NO
 L0000747         0   0.67114E-03  370805.6 3809436.7   501.9     5.00     4.65
4.65     YES                    NO
 L0000748         0   0.67114E-03  370805.8 3809426.8   502.2     5.00     4.65
4.65     YES                    NO
 L0000749         0   0.67114E-03  370806.0 3809416.8   502.4     5.00     4.65
4.65     YES                    NO
 L0000750         0   0.67114E-03  370806.2 3809406.8   502.6     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.67114E-03  370806.4 3809396.8   502.8     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.67114E-03  370806.6 3809386.8   502.9     5.00     4.65
4.65     YES                    NO
 L0000753         0   0.67114E-03  370806.8 3809376.8   503.1     5.00     4.65
4.65     YES                    NO
 L0000754         0   0.67114E-03  370807.0 3809366.8   503.3     5.00     4.65
4.65     YES                    NO
 L0000755         0   0.67114E-03  370807.2 3809356.8   503.6     5.00     4.65
4.65     YES                    NO
 L0000756         0   0.67114E-03  370807.4 3809346.8   503.9     5.00     4.65
4.65     YES                    NO
 L0000757         0   0.67114E-03  370810.6 3809337.4   504.1     5.00     4.65
4.65     YES                    NO
 L0000758         0   0.67114E-03  370814.3 3809328.1   504.3     5.00     4.65
4.65     YES                    NO
 L0000759         0   0.67114E-03  370818.0 3809318.8   504.4     5.00     4.65
4.65     YES                    NO
 L0000760         0   0.67114E-03  370827.6 3809319.8   504.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0000761	0	0.67114E-03	370837.5	3809321.3	504.5	5.00	4.65	4.65	YES	NO
L0000762	0	0.67114E-03	370847.4	3809322.8	504.6	5.00	4.65	4.65	YES	NO
L0000763	0	0.67114E-03	370855.7	3809326.6	504.4	5.00	4.65	4.65	YES	NO
L0000764	0	0.67114E-03	370860.6	3809335.3	504.3	5.00	4.65	4.65	YES	NO
L0000765	0	0.67114E-03	370865.6	3809343.9	504.1	5.00	4.65	4.65	YES	NO
L0000766	0	0.67114E-03	370870.6	3809352.6	503.9	5.00	4.65	4.65	YES	NO
L0000767	0	0.67114E-03	370875.6	3809361.3	503.6	5.00	4.65	4.65	YES	NO
L0000768	0	0.67114E-03	370880.6	3809369.9	503.3	5.00	4.65	4.65	YES	NO
L0000769	0	0.67114E-03	370885.6	3809378.6	503.2	5.00	4.65	4.65	YES	NO
L0000770	0	0.67114E-03	370890.5	3809387.3	503.0	5.00	4.65	4.65	YES	NO
L0000771	0	0.67114E-03	370895.6	3809395.9	502.8	5.00	4.65	4.65	YES	NO
L0000772	0	0.67114E-03	370901.1	3809404.2	502.4	5.00	4.65	4.65	YES	NO
L0000773	0	0.67114E-03	370906.7	3809412.6	502.0	5.00	4.65	4.65	YES	NO
L0000774	0	0.67114E-03	370912.2	3809420.9	501.6	5.00	4.65	4.65	YES	NO
L0000775	0	0.67114E-03	370917.7	3809429.2	501.3	5.00	4.65	4.65	YES	NO
L0000776	0	0.67114E-03	370923.3	3809437.5	501.0	5.00	4.65	4.65	YES	NO
L0000777	0	0.67114E-03	370929.9	3809444.0	500.6	5.00	4.65	4.65	YES	NO
L0000778	0	0.67114E-03	370939.9	3809444.5	500.2	5.00	4.65	4.65	YES	NO
L0000779	0	0.67114E-03	370949.9	3809444.9	499.8	5.00	4.65	4.65	YES	NO
L0000780	0	0.67114E-03	370959.8	3809445.3	499.7	5.00	4.65	4.65	YES	NO

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 L0000781         0   0.67114E-03  370969.8 3809445.8   499.6     5.00     4.65
4.65     YES                    NO
 L0000782         0   0.67114E-03  370979.8 3809446.2   499.6     5.00     4.65
4.65     YES                    NO
 L0000783         0   0.67114E-03  370989.8 3809446.7   499.6     5.00     4.65
4.65     YES                    NO
 L0000784         0   0.67114E-03  370999.8 3809447.1   499.5     5.00     4.65
4.65     YES                    NO
 L0000785         0   0.67114E-03  371009.8 3809447.5   499.3     5.00     4.65
4.65     YES                    NO
 L0000786         0   0.67114E-03  371019.8 3809448.0   499.0     5.00     4.65
4.65     YES                    NO
 L0000787         0   0.67114E-03  371029.8 3809448.4   498.7     5.00     4.65
4.65     YES                    NO
 L0000788         0   0.67114E-03  371039.8 3809448.9   498.5     5.00     4.65
4.65     YES                    NO
 L0000789         0   0.67114E-03  371049.8 3809449.3   498.2     5.00     4.65
4.65     YES                    NO
 L0000790         0   0.67114E-03  371059.7 3809449.7   498.0     5.00     4.65
4.65     YES                    NO
 L0000791         0   0.67114E-03  371069.7 3809450.2   497.8     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.67114E-03  371079.7 3809450.6   497.6     5.00     4.65
4.65     YES                    NO
 L0000793         0   0.67114E-03  371089.7 3809451.1   497.3     5.00     4.65
4.65     YES                    NO
 L0000794         0   0.67114E-03  371090.9 3809460.0   497.1     5.00     4.65
4.65     YES                    NO
 L0000795         0   0.67114E-03  371091.0 3809470.0   496.9     5.00     4.65
4.65     YES                    NO
 L0000796         0   0.67114E-03  371091.2 3809480.0   496.8     5.00     4.65
4.65     YES                    NO
 L0000797         0   0.67114E-03  371091.3 3809490.0   496.5     5.00     4.65
4.65     YES                    NO
 L0000798         0   0.67114E-03  371091.5 3809500.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000799         0   0.67114E-03  371091.6 3809510.0   495.9     5.00     4.65
4.65     YES                    NO
 L0000800         0   0.67114E-03  371091.7 3809520.0   495.7     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000801	0	0.67114E-03	371091.9	3809530.0	495.4	5.00	4.65	4.65	YES	NO	
L0000802	0	0.67114E-03	371092.0	3809540.0	495.2	5.00	4.65	4.65	YES	NO	
L0000803	0	0.67114E-03	371092.2	3809550.0	494.9	5.00	4.65	4.65	YES	NO	
L0000804	0	0.67114E-03	371092.3	3809560.0	494.7	5.00	4.65	4.65	YES	NO	
L0000805	0	0.67114E-03	371092.5	3809570.0	494.4	5.00	4.65	4.65	YES	NO	
L0000806	0	0.67114E-03	371092.6	3809580.0	494.2	5.00	4.65	4.65	YES	NO	
L0000807	0	0.67114E-03	371092.7	3809590.0	494.0	5.00	4.65	4.65	YES	NO	
L0000808	0	0.67114E-03	371092.9	3809600.0	493.8	5.00	4.65	4.65	YES	NO	
L0000809	0	0.67114E-03	371093.0	3809610.0	494.4	5.00	4.65	4.65	YES	NO	
L0000810	0	0.67114E-03	371093.2	3809620.0	495.3	5.00	4.65	4.65	YES	NO	
L0000811	0	0.67114E-03	371093.3	3809630.0	496.3	5.00	4.65	4.65	YES	NO	
L0000812	0	0.67114E-03	371093.4	3809640.0	495.6	5.00	4.65	4.65	YES	NO	
L0000813	0	0.67114E-03	371093.6	3809650.0	493.9	5.00	4.65	4.65	YES	NO	
L0000814	0	0.67114E-03	371093.7	3809660.0	492.2	5.00	4.65	4.65	YES	NO	
L0000815	0	0.67114E-03	371093.9	3809670.0	491.4	5.00	4.65	4.65	YES	NO	
L0000816	0	0.67114E-03	371094.0	3809680.0	491.5	5.00	4.65	4.65	YES	NO	
L0000817	0	0.67114E-03	371094.1	3809690.0	491.6	5.00	4.65	4.65	YES	NO	
L0000818	0	0.67114E-03	371094.3	3809700.0	491.6	5.00	4.65	4.65	YES	NO	
L0000819	0	0.67114E-03	371094.4	3809710.0	491.4	5.00	4.65	4.65	YES	NO	
L0000820	0	0.67114E-03	371094.6	3809720.0	491.3	5.00	4.65	4.65	YES	NO	

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 L0000821         0   0.67114E-03  371094.7 3809730.0   491.1     5.00     4.65
4.65     YES                    NO
 L0000822         0   0.67114E-03  371094.9 3809740.0   491.0     5.00     4.65
4.65     YES                    NO
 L0000823         0   0.67114E-03  371095.0 3809750.0   490.9     5.00     4.65
4.65     YES                    NO
 L0000824         0   0.67114E-03  371095.1 3809760.0   490.9     5.00     4.65
4.65     YES                    NO
 L0000825         0   0.67114E-03  371095.3 3809770.0   490.8     5.00     4.65
4.65     YES                    NO
 L0000826         0   0.67114E-03  371095.4 3809780.0   490.7     5.00     4.65
4.65     YES                    NO
 L0000827         0   0.67114E-03  371095.6 3809790.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000828         0   0.67114E-03  371095.7 3809800.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000829         0   0.67114E-03  371095.8 3809810.0   490.5     5.00     4.65
4.65     YES                    NO
 L0000830         0   0.67114E-03  371096.0 3809820.0   490.4     5.00     4.65
4.65     YES                    NO
 L0000831         0   0.67114E-03  371096.1 3809830.0   490.5     5.00     4.65
4.65     YES                    NO
 L0000832         0   0.67114E-03  371096.3 3809840.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000833         0   0.67114E-03  371096.4 3809850.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000834         0   0.67114E-03  371096.5 3809860.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000835         0   0.67114E-03  371096.7 3809870.0   490.7     5.00     4.65
4.65     YES                    NO
 L0000836         0   0.67114E-03  371096.8 3809880.0   490.7     5.00     4.65
4.65     YES                    NO
 L0000837         0   0.67114E-03  371097.0 3809890.0   490.8     5.00     4.65
4.65     YES                    NO
 L0000838         0   0.67114E-03  371097.1 3809900.0   490.9     5.00     4.65
4.65     YES                    NO
 L0000839         0   0.67114E-03  371097.3 3809910.0   491.0     5.00     4.65
4.65     YES                    NO
 L0000840         0   0.67114E-03  371097.4 3809920.0   491.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000841	0	0.67114E-03	371097.5	3809930.0	491.0	5.00	4.65	4.65	YES	NO
L0000842	0	0.67114E-03	371097.7	3809940.0	491.0	5.00	4.65	4.65	YES	NO
L0000843	0	0.67114E-03	371097.8	3809950.0	491.1	5.00	4.65	4.65	YES	NO
L0000844	0	0.67114E-03	371096.6	3809958.4	491.2	5.00	4.65	4.65	YES	NO
L0000845	0	0.67114E-03	371086.8	3809956.7	490.9	5.00	4.65	4.65	YES	NO
L0000846	0	0.67114E-03	371076.9	3809955.0	490.7	5.00	4.65	4.65	YES	NO
L0000847	0	0.67114E-03	371067.1	3809953.3	490.5	5.00	4.65	4.65	YES	NO
L0000848	0	0.67114E-03	371057.2	3809951.6	490.3	5.00	4.65	4.65	YES	NO
L0000849	0	0.67114E-03	371047.4	3809949.9	490.0	5.00	4.65	4.65	YES	NO
L0000850	0	0.67114E-03	371037.5	3809948.2	489.7	5.00	4.65	4.65	YES	NO
L0000851	0	0.67114E-03	371027.7	3809946.5	489.4	5.00	4.65	4.65	YES	NO
L0000852	0	0.67114E-03	371017.8	3809944.8	489.1	5.00	4.65	4.65	YES	NO
L0000853	0	0.67114E-03	371008.0	3809943.0	488.8	5.00	4.65	4.65	YES	NO
L0000854	0	0.67114E-03	370998.1	3809941.3	488.7	5.00	4.65	4.65	YES	NO
L0000855	0	0.67114E-03	370988.3	3809939.6	488.5	5.00	4.65	4.65	YES	NO
L0000856	0	0.67114E-03	370978.4	3809937.9	488.4	5.00	4.65	4.65	YES	NO
L0000857	0	0.67114E-03	370968.6	3809936.2	488.2	5.00	4.65	4.65	YES	NO
L0000858	0	0.67114E-03	370958.7	3809934.5	488.1	5.00	4.65	4.65	YES	NO
L0000859	0	0.67114E-03	370948.8	3809932.8	488.0	5.00	4.65	4.65	YES	NO
L0000860	0	0.67114E-03	370939.0	3809931.1	487.9	5.00	4.65	4.65	YES	NO

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 L0000861         0   0.67114E-03  370929.1 3809929.4   487.9     5.00     4.65
4.65     YES                    NO
 L0000862         0   0.67114E-03  370919.3 3809927.7   487.9     5.00     4.65
4.65     YES                    NO
 L0000863         0   0.67114E-03  370909.4 3809925.9   488.0     5.00     4.65
4.65     YES                    NO
 L0000864         0   0.67114E-03  370899.6 3809924.2   488.0     5.00     4.65
4.65     YES                    NO
 L0000865         0   0.67114E-03  370889.7 3809922.5   488.1     5.00     4.65
4.65     YES                    NO
 L0000866         0   0.67114E-03  370879.9 3809920.8   488.2     5.00     4.65
4.65     YES                    NO
 L0000867         0   0.67114E-03  370870.0 3809919.1   488.3     5.00     4.65
4.65     YES                    NO
 L0000868         0   0.67114E-03  370860.2 3809917.4   488.4     5.00     4.65
4.65     YES                    NO
 L0000869         0   0.67114E-03  370850.3 3809915.7   488.5     5.00     4.65
4.65     YES                    NO
 L0000870         0   0.67114E-03  370840.5 3809914.0   488.5     5.00     4.65
4.65     YES                    NO
 L0000871         0   0.67114E-03  370830.6 3809912.3   488.5     5.00     4.65
4.65     YES                    NO
 L0000872         0   0.67114E-03  370820.8 3809910.5   488.8     5.00     4.65
4.65     YES                    NO
 L0000873         0   0.67114E-03  370810.9 3809908.8   489.5     5.00     4.65
4.65     YES                    NO
 L0000874         0   0.67114E-03  370801.1 3809907.1   490.5     5.00     4.65
4.65     YES                    NO
 L0000875         0   0.67114E-03  370791.2 3809905.4   492.2     5.00     4.65
4.65     YES                    NO
 L0000876         0   0.67114E-03  370781.4 3809903.7   493.9     5.00     4.65
4.65     YES                    NO
 L0000877         0   0.67114E-03  370771.5 3809902.0   496.2     5.00     4.65
4.65     YES                    NO
 L0000878         0   0.67114E-03  370761.6 3809900.3   498.2     5.00     4.65
4.65     YES                    NO
 L0000879         0   0.67114E-03  370751.8 3809898.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000880         0   0.67114E-03  370741.9 3809896.9   500.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000881	0	0.67114E-03	370732.1	3809895.2	500.2	5.00	4.65	4.65	YES	NO
L0000882	0	0.67114E-03	370722.2	3809893.4	500.0	5.00	4.65	4.65	YES	NO
L0000883	0	0.67114E-03	370712.4	3809891.7	499.6	5.00	4.65	4.65	YES	NO
L0000884	0	0.67114E-03	370702.5	3809890.0	499.3	5.00	4.65	4.65	YES	NO
L0000885	0	0.67114E-03	370692.7	3809888.3	498.9	5.00	4.65	4.65	YES	NO
L0000886	0	0.67114E-03	370682.8	3809886.6	498.5	5.00	4.65	4.65	YES	NO
L0000887	0	0.67114E-03	370673.0	3809884.9	497.7	5.00	4.65	4.65	YES	NO
L0000888	0	0.67114E-03	370663.1	3809883.2	495.8	5.00	4.65	4.65	YES	NO
L0000889	0	0.67114E-03	370653.3	3809881.5	493.9	5.00	4.65	4.65	YES	NO
L0000890	0	0.67114E-03	370643.4	3809879.8	492.0	5.00	4.65	4.65	YES	NO
L0000891	0	0.67114E-03	370633.6	3809878.0	490.3	5.00	4.65	4.65	YES	NO
L0000892	0	0.67114E-03	370623.7	3809876.3	488.8	5.00	4.65	4.65	YES	NO
L0000893	0	0.67114E-03	370613.9	3809874.6	488.6	5.00	4.65	4.65	YES	NO
L0000894	0	0.67114E-03	370604.0	3809872.9	488.4	5.00	4.65	4.65	YES	NO
L0000895	0	0.67114E-03	370594.2	3809871.2	488.2	5.00	4.65	4.65	YES	NO
L0000896	0	0.67114E-03	370584.3	3809869.5	488.2	5.00	4.65	4.65	YES	NO
L0000897	0	0.67114E-03	370580.2	3809862.0	488.4	5.00	4.65	4.65	YES	NO
L0000898	0	0.67114E-03	370578.6	3809852.2	488.7	5.00	4.65	4.65	YES	NO
L0000899	0	0.67114E-03	370577.0	3809842.3	489.1	5.00	4.65	4.65	YES	NO
L0000900	0	0.67114E-03	370575.3	3809832.4	489.5	5.00	4.65	4.65	YES	NO

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 L0000901         0   0.67114E-03  370571.2 3809824.4   489.7     5.00     4.65
4.65     YES                    NO
 L0000902         0   0.67114E-03  370562.2 3809819.9   489.8     5.00     4.65
4.65     YES                    NO
 L0000903         0   0.67114E-03  370553.3 3809815.5   489.8     5.00     4.65
4.65     YES                    NO
 L0000904         0   0.67114E-03  370544.3 3809811.0   489.8     5.00     4.65
4.65     YES                    NO
 L0000905         0   0.67114E-03  370535.4 3809806.5   489.8     5.00     4.65
4.65     YES                    NO
 L0000906         0   0.67114E-03  370526.5 3809802.1   489.8     5.00     4.65
4.65     YES                    NO
 L0000907         0   0.67114E-03  370517.5 3809797.6   489.8     5.00     4.65
4.65     YES                    NO
 L0000908         0   0.67114E-03  370508.6 3809793.1   489.9     5.00     4.65
4.65     YES                    NO
 L0000909         0   0.67114E-03  370506.2 3809784.6   490.0     5.00     4.65
4.65     YES                    NO
 L0000910         0   0.67114E-03  370506.4 3809774.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000911         0   0.67114E-03  370506.5 3809764.7   490.4     5.00     4.65
4.65     YES                    NO
 L0000912         0   0.67114E-03  370506.7 3809754.7   490.6     5.00     4.65
4.65     YES                    NO
 L0000913         0   0.67114E-03  370506.9 3809744.7   490.9     5.00     4.65
4.65     YES                    NO
 L0000914         0   0.67114E-03  370507.1 3809734.7   491.1     5.00     4.65
4.65     YES                    NO
 L0000915         0   0.67114E-03  370507.2 3809724.7   491.4     5.00     4.65
4.65     YES                    NO
 L0000916         0   0.67114E-03  370507.4 3809714.7   491.7     5.00     4.65
4.65     YES                    NO
 L0000917         0   0.67114E-03  370507.6 3809704.7   492.0     5.00     4.65
4.65     YES                    NO
 L0000918         0   0.67114E-03  370507.8 3809694.7   492.2     5.00     4.65
4.65     YES                    NO
 L0000919         0   0.67114E-03  370509.6 3809685.2   492.4     5.00     4.65
4.65     YES                    NO
 L0000920         0   0.67114E-03  370515.0 3809676.7   492.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000921	0	0.67114E-03	370520.3	3809668.3	492.7	5.00	4.65	4.65	YES	NO	
L0000922	0	0.67114E-03	370528.8	3809663.0	492.9	5.00	4.65	4.65	YES	NO	
L0000923	0	0.67114E-03	370537.3	3809657.7	493.2	5.00	4.65	4.65	YES	NO	
L0000924	0	0.67114E-03	370545.8	3809652.4	493.4	5.00	4.65	4.65	YES	NO	
L0000925	0	0.67114E-03	370554.2	3809647.1	493.7	5.00	4.65	4.65	YES	NO	
L0000926	0	0.67114E-03	370562.7	3809641.9	494.0	5.00	4.65	4.65	YES	NO	
L0000927	0	0.67114E-03	370571.2	3809636.6	494.2	5.00	4.65	4.65	YES	NO	
L0000928	0	0.67114E-03	370579.7	3809631.3	494.3	5.00	4.65	4.65	YES	NO	
L0000929	0	0.67114E-03	370588.2	3809626.1	494.5	5.00	4.65	4.65	YES	NO	
L0000930	0	0.67114E-03	370596.7	3809620.8	494.6	5.00	4.65	4.65	YES	NO	
L0000931	0	0.67114E-03	370605.2	3809615.5	494.8	5.00	4.65	4.65	YES	NO	
L0000932	0	0.67114E-03	370613.7	3809610.2	495.0	5.00	4.65	4.65	YES	NO	
L0000933	0	0.67114E-03	370622.2	3809605.0	495.3	5.00	4.65	4.65	YES	NO	
L0000934	0	0.67114E-03	370630.7	3809599.7	495.6	5.00	4.65	4.65	YES	NO	
L0000935	0	0.67114E-03	370639.2	3809594.4	495.9	5.00	4.65	4.65	YES	NO	
L0000936	0	0.67114E-03	370647.7	3809589.2	496.1	5.00	4.65	4.65	YES	NO	
L0000937	0	0.67114E-03	370656.2	3809583.9	496.4	5.00	4.65	4.65	YES	NO	
L0000938	0	0.67114E-03	370664.7	3809578.6	496.7	5.00	4.65	4.65	YES	NO	
L0000939	0	0.67114E-03	370673.2	3809573.3	497.0	5.00	4.65	4.65	YES	NO	
L0000940	0	0.67114E-03	370681.7	3809568.1	497.2	5.00	4.65	4.65	YES	NO	

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 L0000941         0   0.67114E-03  370690.2 3809562.8   497.3     5.00     4.65
4.65     YES                    NO
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4.65     YES                    NO
 L0000943         0   0.67114E-03  370707.2 3809552.3   497.6     5.00     4.65
4.65     YES                    NO
 L0000944         0   0.67114E-03  370715.7 3809547.0   497.7     5.00     4.65
4.65     YES                    NO
 L0000945         0   0.67114E-03  370724.2 3809541.7   498.0     5.00     4.65
4.65     YES                    NO
 L0000946         0   0.67114E-03  370732.7 3809536.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000947         0   0.67114E-03  370741.2 3809531.2   498.5     5.00     4.65
4.65     YES                    NO
 L0000948         0   0.67114E-03  370749.7 3809525.9   498.8     5.00     4.65
4.65     YES                    NO
 L0000949         0   0.67114E-03  370758.2 3809520.6   499.1     5.00     4.65
4.65     YES                    NO
 L0000950         0   0.67114E-03  370766.7 3809515.4   499.4     5.00     4.65
4.65     YES                    NO
 L0000951         0   0.67114E-03  370775.2 3809510.1   499.7     5.00     4.65
4.65     YES                    NO
 L0000952         0   0.67114E-03  370783.7 3809504.8   499.9     5.00     4.65
4.65     YES                    NO
 L0000953         0   0.67114E-03  370792.2 3809499.6   500.2     5.00     4.65
4.65     YES                    NO
 L0000954         0   0.67114E-03  370800.7 3809494.3   500.4     5.00     4.65
4.65     YES                    NO
 L0000955         0   0.67114E-03  370808.2 3809487.8   500.7     5.00     4.65
4.65     YES                    NO
 L0000956         0   0.67114E-03  370815.1 3809480.5   501.0     5.00     4.65
4.65     YES                    NO
 L0000957         0   0.67114E-03  370822.0 3809473.3   501.3     5.00     4.65
4.65     YES                    NO
 L0000958         0   0.67114E-03  370828.9 3809466.1   501.4     5.00     4.65
4.65     YES                    NO
 L0000959         0   0.67114E-03  370835.8 3809458.8   501.5     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.67114E-03  370841.3 3809451.1   501.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000961	0	0.67114E-03	370840.6	3809441.1	501.9	5.00	4.65	4.65	YES	NO	
L0000962	0	0.67114E-03	370839.8	3809431.2	502.2	5.00	4.65	4.65	YES	NO	
L0000963	0	0.67114E-03	370839.0	3809421.2	502.4	5.00	4.65	4.65	YES	NO	
L0000964	0	0.67114E-03	370838.3	3809411.2	502.7	5.00	4.65	4.65	YES	NO	
L0000965	0	0.67114E-03	370837.5	3809401.3	503.0	5.00	4.65	4.65	YES	NO	
L0000966	0	0.67114E-03	370836.7	3809391.3	503.2	5.00	4.65	4.65	YES	NO	
L0000967	0	0.67114E-03	370837.7	3809383.1	503.4	5.00	4.65	4.65	YES	NO	
L0000968	0	0.67114E-03	370847.7	3809383.7	503.5	5.00	4.65	4.65	YES	NO	
L0000969	0	0.67114E-03	370857.7	3809384.4	503.4	5.00	4.65	4.65	YES	NO	
L0000970	0	0.67114E-03	370864.2	3809389.2	503.2	5.00	4.65	4.65	YES	NO	
L0000971	0	0.67114E-03	370866.9	3809398.9	503.0	5.00	4.65	4.65	YES	NO	
L0000972	0	0.67114E-03	370869.5	3809408.5	502.7	5.00	4.65	4.65	YES	NO	
L0000973	0	0.67114E-03	370872.2	3809418.2	502.5	5.00	4.65	4.65	YES	NO	
L0000974	0	0.67114E-03	370874.8	3809427.8	502.2	5.00	4.65	4.65	YES	NO	
L0000975	0	0.67114E-03	370877.5	3809437.5	501.9	5.00	4.65	4.65	YES	NO	
L0000976	0	0.67114E-03	370880.1	3809447.1	501.6	5.00	4.65	4.65	YES	NO	
L0000977	0	0.67114E-03	370882.9	3809456.6	501.2	5.00	4.65	4.65	YES	NO	
L0000978	0	0.67114E-03	370891.1	3809462.4	500.8	5.00	4.65	4.65	YES	NO	
L0000979	0	0.67114E-03	370899.2	3809468.3	500.4	5.00	4.65	4.65	YES	NO	
L0000980	0	0.67114E-03	370907.3	3809474.1	500.1	5.00	4.65	4.65	YES	NO	

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 L0000981         0   0.67114E-03  370915.5 3809479.9   499.8     5.00     4.65
4.65     YES                    NO
 L0000982         0   0.67114E-03  370924.4 3809483.4   499.5     5.00     4.65
4.65     YES                    NO
 L0000983         0   0.67114E-03  370934.4 3809483.4   499.4     5.00     4.65
4.65     YES                    NO
 L0000984         0   0.67114E-03  370944.4 3809483.4   499.2     5.00     4.65
4.65     YES                    NO
 L0000985         0   0.67114E-03  370954.4 3809483.4   499.0     5.00     4.65
4.65     YES                    NO
 L0000986         0   0.67114E-03  370964.4 3809483.4   498.8     5.00     4.65
4.65     YES                    NO
 L0000987         0   0.67114E-03  370974.4 3809483.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000988         0   0.67114E-03  370984.4 3809483.4   498.4     5.00     4.65
4.65     YES                    NO
 L0000989         0   0.67114E-03  370994.4 3809483.4   498.2     5.00     4.65
4.65     YES                    NO
 L0000990         0   0.67114E-03  371004.4 3809483.4   498.1     5.00     4.65
4.65     YES                    NO
 L0000991         0   0.67114E-03  371014.4 3809483.4   498.0     5.00     4.65
4.65     YES                    NO
 L0000992         0   0.67114E-03  371024.4 3809483.4   497.9     5.00     4.65
4.65     YES                    NO
 L0000993         0   0.67114E-03  371034.4 3809483.4   497.7     5.00     4.65
4.65     YES                    NO
 L0000994         0   0.67114E-03  371044.4 3809483.4   497.5     5.00     4.65
4.65     YES                    NO
 L0000995         0   0.67114E-03  371054.4 3809483.4   497.3     5.00     4.65
4.65     YES                    NO
 L0000996         0   0.67114E-03  371062.0 3809485.7   497.1     5.00     4.65
4.65     YES                    NO
 L0000997         0   0.67114E-03  371061.7 3809495.7   496.8     5.00     4.65
4.65     YES                    NO
 L0000998         0   0.67114E-03  371061.4 3809505.7   496.5     5.00     4.65
4.65     YES                    NO
 L0000999         0   0.67114E-03  371061.0 3809515.7   496.2     5.00     4.65
4.65     YES                    NO
 L0001000         0   0.67114E-03  371060.7 3809525.7   495.9     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001001	0	0.67114E-03	371060.4	3809535.6	495.7	5.00	4.65	4.65	YES	NO	
L0001002	0	0.67114E-03	371060.1	3809545.6	495.4	5.00	4.65	4.65	YES	NO	
L0001003	0	0.67114E-03	371059.8	3809555.6	495.1	5.00	4.65	4.65	YES	NO	
L0001004	0	0.67114E-03	371059.4	3809565.6	494.8	5.00	4.65	4.65	YES	NO	
L0001005	0	0.67114E-03	371059.1	3809575.6	494.5	5.00	4.65	4.65	YES	NO	
L0001006	0	0.67114E-03	371058.8	3809585.6	494.2	5.00	4.65	4.65	YES	NO	
L0001007	0	0.67114E-03	371058.5	3809595.6	493.8	5.00	4.65	4.65	YES	NO	
L0001008	0	0.67114E-03	371058.1	3809605.6	493.5	5.00	4.65	4.65	YES	NO	
L0001009	0	0.67114E-03	371057.8	3809615.6	493.7	5.00	4.65	4.65	YES	NO	
L0001010	0	0.67114E-03	371057.5	3809625.6	493.8	5.00	4.65	4.65	YES	NO	
L0001011	0	0.67114E-03	371057.2	3809635.6	493.8	5.00	4.65	4.65	YES	NO	
L0001012	0	0.67114E-03	371056.9	3809645.6	493.3	5.00	4.65	4.65	YES	NO	
L0001013	0	0.67114E-03	371056.5	3809655.6	492.9	5.00	4.65	4.65	YES	NO	
L0001014	0	0.67114E-03	371056.2	3809665.6	492.5	5.00	4.65	4.65	YES	NO	
L0001015	0	0.67114E-03	371055.9	3809675.6	492.4	5.00	4.65	4.65	YES	NO	
L0001016	0	0.67114E-03	371055.6	3809685.6	492.2	5.00	4.65	4.65	YES	NO	
L0001017	0	0.67114E-03	371055.3	3809695.6	492.0	5.00	4.65	4.65	YES	NO	
L0001018	0	0.67114E-03	371054.9	3809705.6	491.9	5.00	4.65	4.65	YES	NO	
L0001019	0	0.67114E-03	371054.6	3809715.6	491.7	5.00	4.65	4.65	YES	NO	
L0001020	0	0.67114E-03	371054.3	3809725.6	491.6	5.00	4.65	4.65	YES	NO	

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 L0001021         0   0.67114E-03  371054.0 3809735.5   491.4     5.00     4.65
4.65     YES                    NO
 L0001022         0   0.67114E-03  371053.7 3809745.5   491.2     5.00     4.65
4.65     YES                    NO
 L0001023         0   0.67114E-03  371053.3 3809755.5   491.1     5.00     4.65
4.65     YES                    NO
 L0001024         0   0.67114E-03  371053.0 3809765.5   490.9     5.00     4.65
4.65     YES                    NO
 L0001025         0   0.67114E-03  371052.7 3809775.5   490.8     5.00     4.65
4.65     YES                    NO
 L0001026         0   0.67114E-03  371052.4 3809785.5   490.6     5.00     4.65
4.65     YES                    NO
 L0001027         0   0.67114E-03  371052.0 3809795.5   490.5     5.00     4.65
4.65     YES                    NO
 L0001028         0   0.67114E-03  371051.7 3809805.5   490.4     5.00     4.65
4.65     YES                    NO
 L0001029         0   0.67114E-03  371051.4 3809815.5   490.2     5.00     4.65
4.65     YES                    NO
 L0001030         0   0.67114E-03  371051.1 3809825.5   490.1     5.00     4.65
4.65     YES                    NO
 L0001031         0   0.67114E-03  371050.8 3809835.5   490.1     5.00     4.65
4.65     YES                    NO
 L0001032         0   0.67114E-03  371050.4 3809845.5   490.0     5.00     4.65
4.65     YES                    NO
 L0001033         0   0.67114E-03  371050.1 3809855.5   489.9     5.00     4.65
4.65     YES                    NO
 L0001034         0   0.67114E-03  371049.8 3809865.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001035         0   0.67114E-03  371049.5 3809875.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001036         0   0.67114E-03  371049.2 3809885.5   489.7     5.00     4.65
4.65     YES                    NO
 L0001037         0   0.67114E-03  371048.8 3809895.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001038         0   0.67114E-03  371048.5 3809905.5   489.9     5.00     4.65
4.65     YES                    NO
 L0001039         0   0.67114E-03  371048.2 3809915.5   489.9     5.00     4.65
4.65     YES                    NO
 L0001040         0   0.67114E-03  371047.9 3809925.4   489.9     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001041	0	0.67114E-03	371042.3	3809928.9	489.7	5.00	4.65	4.65	YES	NO
L0001042	0	0.67114E-03	371032.5	3809927.1	489.5	5.00	4.65	4.65	YES	NO
L0001043	0	0.67114E-03	371022.7	3809925.2	489.3	5.00	4.65	4.65	YES	NO
L0001044	0	0.67114E-03	371012.9	3809923.3	489.0	5.00	4.65	4.65	YES	NO
L0001045	0	0.67114E-03	371003.1	3809921.4	488.8	5.00	4.65	4.65	YES	NO
L0001046	0	0.67114E-03	370993.2	3809919.5	488.7	5.00	4.65	4.65	YES	NO
L0001047	0	0.67114E-03	370983.4	3809917.7	488.6	5.00	4.65	4.65	YES	NO
L0001048	0	0.67114E-03	370973.6	3809915.8	488.4	5.00	4.65	4.65	YES	NO
L0001049	0	0.67114E-03	370963.8	3809913.9	488.2	5.00	4.65	4.65	YES	NO
L0001050	0	0.67114E-03	370954.0	3809912.0	488.1	5.00	4.65	4.65	YES	NO
L0001051	0	0.67114E-03	370944.1	3809910.1	488.2	5.00	4.65	4.65	YES	NO
L0001052	0	0.67114E-03	370934.3	3809908.3	488.3	5.00	4.65	4.65	YES	NO
L0001053	0	0.67114E-03	370924.5	3809906.4	488.4	5.00	4.65	4.65	YES	NO
L0001054	0	0.67114E-03	370914.7	3809904.5	488.4	5.00	4.65	4.65	YES	NO
L0001055	0	0.67114E-03	370904.8	3809902.6	488.5	5.00	4.65	4.65	YES	NO
L0001056	0	0.67114E-03	370895.0	3809900.7	488.6	5.00	4.65	4.65	YES	NO
L0001057	0	0.67114E-03	370885.2	3809898.9	488.7	5.00	4.65	4.65	YES	NO
L0001058	0	0.67114E-03	370875.4	3809897.0	488.8	5.00	4.65	4.65	YES	NO
L0001059	0	0.67114E-03	370865.6	3809895.1	488.9	5.00	4.65	4.65	YES	NO
L0001060	0	0.67114E-03	370855.7	3809893.2	489.0	5.00	4.65	4.65	YES	NO

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 L0001061         0   0.67114E-03  370845.9 3809891.3   489.1     5.00     4.65
4.65     YES                    NO
 L0001062         0   0.67114E-03  370836.1 3809889.4   489.1     5.00     4.65
4.65     YES                    NO
 L0001063         0   0.67114E-03  370826.3 3809887.6   489.7     5.00     4.65
4.65     YES                    NO
 L0001064         0   0.67114E-03  370816.5 3809885.7   492.3     5.00     4.65
4.65     YES                    NO
 L0001065         0   0.67114E-03  370806.6 3809883.8   495.1     5.00     4.65
4.65     YES                    NO
 L0001066         0   0.67114E-03  370796.8 3809881.9   497.1     5.00     4.65
4.65     YES                    NO
 L0001067         0   0.67114E-03  370787.0 3809880.0   498.6     5.00     4.65
4.65     YES                    NO
 L0001068         0   0.67114E-03  370777.2 3809878.2   500.0     5.00     4.65
4.65     YES                    NO
 L0001069         0   0.67114E-03  370767.3 3809876.3   499.2     5.00     4.65
4.65     YES                    NO
 L0001070         0   0.67114E-03  370757.5 3809874.4   498.5     5.00     4.65
4.65     YES                    NO
 L0001071         0   0.67114E-03  370747.7 3809872.5   497.9     5.00     4.65
4.65     YES                    NO
 L0001072         0   0.67114E-03  370737.9 3809870.6   497.4     5.00     4.65
4.65     YES                    NO
 L0001073         0   0.67114E-03  370728.1 3809868.8   497.0     5.00     4.65
4.65     YES                    NO
 L0001074         0   0.67114E-03  370718.2 3809866.9   497.1     5.00     4.65
4.65     YES                    NO
 L0001075         0   0.67114E-03  370708.4 3809865.0   497.4     5.00     4.65
4.65     YES                    NO
 L0001076         0   0.67114E-03  370698.6 3809863.1   497.5     5.00     4.65
4.65     YES                    NO
 L0001077         0   0.67114E-03  370688.8 3809861.2   495.6     5.00     4.65
4.65     YES                    NO
 L0001078         0   0.67114E-03  370679.0 3809859.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001079         0   0.67114E-03  370669.1 3809857.5   491.7     5.00     4.65
4.65     YES                    NO
 L0001080         0   0.67114E-03  370659.3 3809855.6   490.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0001081	0	0.67114E-03	370649.5	3809853.7	489.4	5.00	4.65	4.65	YES	NO
L0001082	0	0.67114E-03	370639.7	3809851.8	489.3	5.00	4.65	4.65	YES	NO
L0001083	0	0.67114E-03	370629.8	3809850.0	489.2	5.00	4.65	4.65	YES	NO
L0001084	0	0.67114E-03	370624.2	3809843.3	489.3	5.00	4.65	4.65	YES	NO
L0001085	0	0.67114E-03	370621.1	3809833.8	489.6	5.00	4.65	4.65	YES	NO
L0001086	0	0.67114E-03	370617.9	3809824.3	489.8	5.00	4.65	4.65	YES	NO
L0001087	0	0.67114E-03	370614.8	3809814.8	490.1	5.00	4.65	4.65	YES	NO
L0001088	0	0.67114E-03	370611.6	3809805.3	490.3	5.00	4.65	4.65	YES	NO
L0001089	0	0.67114E-03	370605.4	3809798.4	490.4	5.00	4.65	4.65	YES	NO
L0001090	0	0.67114E-03	370596.6	3809793.7	490.5	5.00	4.65	4.65	YES	NO
L0001091	0	0.67114E-03	370587.8	3809789.0	490.6	5.00	4.65	4.65	YES	NO
L0001092	0	0.67114E-03	370578.9	3809784.3	490.8	5.00	4.65	4.65	YES	NO
L0001093	0	0.67114E-03	370570.1	3809779.6	490.8	5.00	4.65	4.65	YES	NO
L0001094	0	0.67114E-03	370561.3	3809774.9	490.8	5.00	4.65	4.65	YES	NO
L0001095	0	0.67114E-03	370552.7	3809770.0	490.8	5.00	4.65	4.65	YES	NO
L0001096	0	0.67114E-03	370552.1	3809760.1	491.0	5.00	4.65	4.65	YES	NO
L0001097	0	0.67114E-03	370551.6	3809750.1	491.2	5.00	4.65	4.65	YES	NO
L0001098	0	0.67114E-03	370551.0	3809740.1	491.4	5.00	4.65	4.65	YES	NO
L0001099	0	0.67114E-03	370550.5	3809730.1	491.5	5.00	4.65	4.65	YES	NO
L0001100	0	0.67114E-03	370549.9	3809720.1	491.6	5.00	4.65	4.65	YES	NO

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 L0001101         0   0.67114E-03  370549.4 3809710.1   491.7     5.00     4.65
4.65     YES                    NO
 L0001102         0   0.67114E-03  370553.9 3809702.8   491.9     5.00     4.65
4.65     YES                    NO
 L0001103         0   0.67114E-03  370562.4 3809697.5   492.2     5.00     4.65
4.65     YES                    NO
 L0001104         0   0.67114E-03  370570.8 3809692.1   492.5     5.00     4.65
4.65     YES                    NO
 L0001105         0   0.67114E-03  370579.3 3809686.8   492.7     5.00     4.65
4.65     YES                    NO
 L0001106         0   0.67114E-03  370587.8 3809681.5   492.9     5.00     4.65
4.65     YES                    NO
 L0001107         0   0.67114E-03  370596.2 3809676.2   493.2     5.00     4.65
4.65     YES                    NO
 L0001108         0   0.67114E-03  370604.7 3809670.9   493.6     5.00     4.65
4.65     YES                    NO
 L0001109         0   0.67114E-03  370613.2 3809665.6   493.9     5.00     4.65
4.65     YES                    NO
 L0001110         0   0.67114E-03  370621.6 3809660.2   494.2     5.00     4.65
4.65     YES                    NO
 L0001111         0   0.67114E-03  370630.1 3809654.9   494.3     5.00     4.65
4.65     YES                    NO
 L0001112         0   0.67114E-03  370638.6 3809649.6   494.4     5.00     4.65
4.65     YES                    NO
 L0001113         0   0.67114E-03  370647.0 3809644.3   494.4     5.00     4.65
4.65     YES                    NO
 L0001114         0   0.67114E-03  370655.5 3809639.0   494.6     5.00     4.65
4.65     YES                    NO
 L0001115         0   0.67114E-03  370664.0 3809633.6   494.9     5.00     4.65
4.65     YES                    NO
 L0001116         0   0.67114E-03  370672.5 3809628.3   495.2     5.00     4.65
4.65     YES                    NO
 L0001117         0   0.67114E-03  370680.9 3809623.0   495.6     5.00     4.65
4.65     YES                    NO
 L0001118         0   0.67114E-03  370689.4 3809617.7   495.9     5.00     4.65
4.65     YES                    NO
 L0001119         0   0.67114E-03  370697.9 3809612.4   496.1     5.00     4.65
4.65     YES                    NO
 L0001120         0   0.67114E-03  370706.3 3809607.1   496.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0001121	0	0.67114E-03	370714.8	3809601.7	496.6	5.00	4.65	4.65	YES	NO
L0001122	0	0.67114E-03	370723.3	3809596.4	496.8	5.00	4.65	4.65	YES	NO
L0001123	0	0.67114E-03	370731.7	3809591.1	497.1	5.00	4.65	4.65	YES	NO
L0001124	0	0.67114E-03	370740.2	3809585.8	497.4	5.00	4.65	4.65	YES	NO
L0001125	0	0.67114E-03	370748.7	3809580.5	497.8	5.00	4.65	4.65	YES	NO
L0001126	0	0.67114E-03	370757.1	3809575.1	497.9	5.00	4.65	4.65	YES	NO
L0001127	0	0.67114E-03	370765.6	3809569.8	498.0	5.00	4.65	4.65	YES	NO
L0001128	0	0.67114E-03	370774.1	3809564.5	498.2	5.00	4.65	4.65	YES	NO
L0001129	0	0.67114E-03	370782.5	3809559.2	498.3	5.00	4.65	4.65	YES	NO
L0001130	0	0.67114E-03	370791.0	3809553.9	498.5	5.00	4.65	4.65	YES	NO
L0001131	0	0.67114E-03	370799.5	3809548.5	498.7	5.00	4.65	4.65	YES	NO
L0001132	0	0.67114E-03	370807.9	3809543.2	498.8	5.00	4.65	4.65	YES	NO
L0001133	0	0.67114E-03	370816.4	3809537.9	499.0	5.00	4.65	4.65	YES	NO
L0001134	0	0.67114E-03	370824.9	3809532.6	499.2	5.00	4.65	4.65	YES	NO
L0001135	0	0.67114E-03	370833.3	3809527.3	499.4	5.00	4.65	4.65	YES	NO
L0001136	0	0.67114E-03	370841.8	3809522.0	499.6	5.00	4.65	4.65	YES	NO
L0001137	0	0.67114E-03	370851.6	3809521.0	499.5	5.00	4.65	4.65	YES	NO
L0001138	0	0.67114E-03	370861.6	3809520.9	499.4	5.00	4.65	4.65	YES	NO
L0001139	0	0.67114E-03	370871.6	3809520.8	499.2	5.00	4.65	4.65	YES	NO
L0001140	0	0.67114E-03	370881.6	3809520.7	499.1	5.00	4.65	4.65	YES	NO

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 L0001141         0   0.67114E-03  370891.6 3809520.6   498.9     5.00     4.65
4.65     YES                    NO
 L0001142         0   0.67114E-03  370901.6 3809520.5   498.8     5.00     4.65
4.65     YES                    NO
 L0001143         0   0.67114E-03  370911.6 3809520.4   498.8     5.00     4.65
4.65     YES                    NO
 L0001144         0   0.67114E-03  370921.6 3809520.3   498.7     5.00     4.65
4.65     YES                    NO
 L0001145         0   0.67114E-03  370931.6 3809520.2   498.4     5.00     4.65
4.65     YES                    NO
 L0001146         0   0.67114E-03  370941.6 3809520.1   498.2     5.00     4.65
4.65     YES                    NO
 L0001147         0   0.67114E-03  370951.6 3809520.0   497.9     5.00     4.65
4.65     YES                    NO
 L0001148         0   0.67114E-03  370961.6 3809519.9   497.7     5.00     4.65
4.65     YES                    NO
 L0001149         0   0.67114E-03  370971.5 3809519.8   497.5     5.00     4.65
4.65     YES                    NO
 L0001150         0   0.67114E-03  370981.5 3809519.7   497.4     5.00     4.65
4.65     YES                    NO
 L0001151         0   0.67114E-03  370991.5 3809519.6   497.2     5.00     4.65
4.65     YES                    NO
 L0001152         0   0.67114E-03  371001.5 3809519.5   497.1     5.00     4.65
4.65     YES                    NO
 L0001153         0   0.67114E-03  371011.5 3809519.4   497.0     5.00     4.65
4.65     YES                    NO
 L0001154         0   0.67114E-03  371021.5 3809519.3   496.9     5.00     4.65
4.65     YES                    NO
 L0001155         0   0.67114E-03  371022.3 3809528.2   496.7     5.00     4.65
4.65     YES                    NO
 L0001156         0   0.67114E-03  371021.9 3809538.2   496.4     5.00     4.65
4.65     YES                    NO
 L0001157         0   0.67114E-03  371021.5 3809548.2   496.1     5.00     4.65
4.65     YES                    NO
 L0001158         0   0.67114E-03  371021.1 3809558.2   495.8     5.00     4.65
4.65     YES                    NO
 L0001159         0   0.67114E-03  371020.7 3809568.1   495.5     5.00     4.65
4.65     YES                    NO
 L0001160         0   0.67114E-03  371020.3 3809578.1   495.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001161	0	0.67114E-03	371019.9	3809588.1	494.5	5.00	4.65	4.65	YES	NO
L0001162	0	0.67114E-03	371019.5	3809598.1	494.0	5.00	4.65	4.65	YES	NO
L0001163	0	0.67114E-03	371019.1	3809608.1	493.5	5.00	4.65	4.65	YES	NO
L0001164	0	0.67114E-03	371018.8	3809618.1	493.3	5.00	4.65	4.65	YES	NO
L0001165	0	0.67114E-03	371018.4	3809628.1	493.0	5.00	4.65	4.65	YES	NO
L0001166	0	0.67114E-03	371018.0	3809638.1	492.8	5.00	4.65	4.65	YES	NO
L0001167	0	0.67114E-03	371017.6	3809648.1	492.9	5.00	4.65	4.65	YES	NO
L0001168	0	0.67114E-03	371017.2	3809658.1	493.1	5.00	4.65	4.65	YES	NO
L0001169	0	0.67114E-03	371016.8	3809668.1	493.1	5.00	4.65	4.65	YES	NO
L0001170	0	0.67114E-03	371016.4	3809678.1	492.9	5.00	4.65	4.65	YES	NO
L0001171	0	0.67114E-03	371016.0	3809688.1	492.7	5.00	4.65	4.65	YES	NO
L0001172	0	0.67114E-03	371015.6	3809698.1	492.6	5.00	4.65	4.65	YES	NO
L0001173	0	0.67114E-03	371015.2	3809708.0	492.3	5.00	4.65	4.65	YES	NO
L0001174	0	0.67114E-03	371014.9	3809718.0	492.1	5.00	4.65	4.65	YES	NO
L0001175	0	0.67114E-03	371014.5	3809728.0	491.9	5.00	4.65	4.65	YES	NO
L0001176	0	0.67114E-03	371014.1	3809738.0	491.7	5.00	4.65	4.65	YES	NO
L0001177	0	0.67114E-03	371013.7	3809748.0	491.4	5.00	4.65	4.65	YES	NO
L0001178	0	0.67114E-03	371013.3	3809758.0	491.2	5.00	4.65	4.65	YES	NO
L0001179	0	0.67114E-03	371012.9	3809768.0	491.0	5.00	4.65	4.65	YES	NO
L0001180	0	0.67114E-03	371012.5	3809778.0	490.9	5.00	4.65	4.65	YES	NO

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 L0001181         0   0.67114E-03  371012.1 3809788.0   490.7     5.00     4.65
4.65     YES                    NO
 L0001182         0   0.67114E-03  371011.7 3809798.0   490.5     5.00     4.65
4.65     YES                    NO
 L0001183         0   0.67114E-03  371011.3 3809808.0   490.4     5.00     4.65
4.65     YES                    NO
 L0001184         0   0.67114E-03  371011.0 3809818.0   490.2     5.00     4.65
4.65     YES                    NO
 L0001185         0   0.67114E-03  371010.6 3809828.0   490.1     5.00     4.65
4.65     YES                    NO
 L0001186         0   0.67114E-03  371010.2 3809837.9   489.9     5.00     4.65
4.65     YES                    NO
 L0001187         0   0.67114E-03  371009.8 3809847.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001188         0   0.67114E-03  371009.4 3809857.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001189         0   0.67114E-03  371009.0 3809867.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001190         0   0.67114E-03  371008.6 3809877.9   489.7     5.00     4.65
4.65     YES                    NO
 L0001191         0   0.67114E-03  371007.3 3809886.7   489.5     5.00     4.65
4.65     YES                    NO
 L0001192         0   0.67114E-03  370997.5 3809884.8   489.5     5.00     4.65
4.65     YES                    NO
 L0001193         0   0.67114E-03  370987.7 3809882.9   489.4     5.00     4.65
4.65     YES                    NO
 L0001194         0   0.67114E-03  370977.9 3809881.0   489.3     5.00     4.65
4.65     YES                    NO
 L0001195         0   0.67114E-03  370968.0 3809879.1   489.2     5.00     4.65
4.65     YES                    NO
 L0001196         0   0.67114E-03  370958.2 3809877.2   489.1     5.00     4.65
4.65     YES                    NO
 L0001197         0   0.67114E-03  370948.4 3809875.3   489.1     5.00     4.65
4.65     YES                    NO
 L0001198         0   0.67114E-03  370938.6 3809873.4   489.1     5.00     4.65
4.65     YES                    NO
 L0001199         0   0.67114E-03  370928.8 3809871.5   489.2     5.00     4.65
4.65     YES                    NO
 L0001200         0   0.67114E-03  370919.0 3809869.6   489.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001201	0	0.67114E-03	370909.1	3809867.7	489.2	5.00	4.65	4.65	YES	NO
L0001202	0	0.67114E-03	370899.3	3809865.7	489.4	5.00	4.65	4.65	YES	NO
L0001203	0	0.67114E-03	370889.5	3809863.8	489.5	5.00	4.65	4.65	YES	NO
L0001204	0	0.67114E-03	370879.7	3809861.9	489.7	5.00	4.65	4.65	YES	NO
L0001205	0	0.67114E-03	370869.9	3809860.0	489.7	5.00	4.65	4.65	YES	NO
L0001206	0	0.67114E-03	370860.1	3809858.1	489.8	5.00	4.65	4.65	YES	NO
L0001207	0	0.67114E-03	370850.2	3809856.2	489.8	5.00	4.65	4.65	YES	NO
L0001208	0	0.67114E-03	370840.4	3809854.3	489.9	5.00	4.65	4.65	YES	NO
L0001209	0	0.67114E-03	370830.6	3809852.4	490.1	5.00	4.65	4.65	YES	NO
L0001210	0	0.67114E-03	370820.8	3809850.5	490.8	5.00	4.65	4.65	YES	NO
L0001211	0	0.67114E-03	370811.0	3809848.6	491.6	5.00	4.65	4.65	YES	NO
L0001212	0	0.67114E-03	370801.2	3809846.7	492.3	5.00	4.65	4.65	YES	NO
L0001213	0	0.67114E-03	370791.4	3809844.8	492.9	5.00	4.65	4.65	YES	NO
L0001214	0	0.67114E-03	370781.5	3809842.8	493.3	5.00	4.65	4.65	YES	NO
L0001215	0	0.67114E-03	370771.7	3809840.9	493.4	5.00	4.65	4.65	YES	NO
L0001216	0	0.67114E-03	370761.9	3809839.0	493.2	5.00	4.65	4.65	YES	NO
L0001217	0	0.67114E-03	370752.1	3809837.1	493.0	5.00	4.65	4.65	YES	NO
L0001218	0	0.67114E-03	370742.3	3809835.2	492.8	5.00	4.65	4.65	YES	NO
L0001219	0	0.67114E-03	370732.5	3809833.3	492.6	5.00	4.65	4.65	YES	NO
L0001220	0	0.67114E-03	370722.6	3809831.4	492.3	5.00	4.65	4.65	YES	NO

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 L0001221         0   0.67114E-03  370712.8 3809829.5   491.9     5.00     4.65
4.65     YES                    NO
 L0001222         0   0.67114E-03  370703.0 3809827.6   491.5     5.00     4.65
4.65     YES                    NO
 L0001223         0   0.67114E-03  370693.2 3809825.7   490.9     5.00     4.65
4.65     YES                    NO
 L0001224         0   0.67114E-03  370683.9 3809822.7   490.5     5.00     4.65
4.65     YES                    NO
 L0001225         0   0.67114E-03  370676.5 3809816.0   490.6     5.00     4.65
4.65     YES                    NO
 L0001226         0   0.67114E-03  370669.2 3809809.2   490.7     5.00     4.65
4.65     YES                    NO
 L0001227         0   0.67114E-03  370661.8 3809802.4   490.8     5.00     4.65
4.65     YES                    NO
 L0001228         0   0.67114E-03  370654.5 3809795.6   490.9     5.00     4.65
4.65     YES                    NO
 L0001229         0   0.67114E-03  370647.2 3809788.8   491.0     5.00     4.65
4.65     YES                    NO
 L0001230         0   0.67114E-03  370639.8 3809782.0   491.1     5.00     4.65
4.65     YES                    NO
 L0001231         0   0.67114E-03  370632.5 3809775.3   491.2     5.00     4.65
4.65     YES                    NO
 L0001232         0   0.67114E-03  370625.1 3809768.5   491.4     5.00     4.65
4.65     YES                    NO
 L0001233         0   0.67114E-03  370617.8 3809761.7   491.5     5.00     4.65
4.65     YES                    NO
 L0001234         0   0.67114E-03  370610.8 3809754.5   491.6     5.00     4.65
4.65     YES                    NO
 L0001235         0   0.67114E-03  370604.1 3809747.1   491.8     5.00     4.65
4.65     YES                    NO
 L0001236         0   0.67114E-03  370597.3 3809739.8   491.9     5.00     4.65
4.65     YES                    NO
 L0001237         0   0.67114E-03  370595.8 3809730.4   492.2     5.00     4.65
4.65     YES                    NO
 L0001238         0   0.67114E-03  370595.8 3809720.4   492.4     5.00     4.65
4.65     YES                    NO
 L0001239         0   0.67114E-03  370602.5 3809714.1   492.6     5.00     4.65
4.65     YES                    NO
 L0001240         0   0.67114E-03  370611.0 3809708.8   492.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001241	0	0.67114E-03	370619.5	3809703.6	493.1	5.00	4.65	4.65	YES	NO	
L0001242	0	0.67114E-03	370628.0	3809698.3	493.3	5.00	4.65	4.65	YES	NO	
L0001243	0	0.67114E-03	370636.5	3809693.0	493.5	5.00	4.65	4.65	YES	NO	
L0001244	0	0.67114E-03	370645.0	3809687.7	493.7	5.00	4.65	4.65	YES	NO	
L0001245	0	0.67114E-03	370653.5	3809682.5	494.0	5.00	4.65	4.65	YES	NO	
L0001246	0	0.67114E-03	370662.0	3809677.2	494.2	5.00	4.65	4.65	YES	NO	
L0001247	0	0.67114E-03	370670.5	3809671.9	494.5	5.00	4.65	4.65	YES	NO	
L0001248	0	0.67114E-03	370679.0	3809666.6	494.5	5.00	4.65	4.65	YES	NO	
L0001249	0	0.67114E-03	370687.5	3809661.3	494.6	5.00	4.65	4.65	YES	NO	
L0001250	0	0.67114E-03	370696.0	3809656.1	494.7	5.00	4.65	4.65	YES	NO	
L0001251	0	0.67114E-03	370704.5	3809650.8	495.2	5.00	4.65	4.65	YES	NO	
L0001252	0	0.67114E-03	370712.9	3809645.5	495.7	5.00	4.65	4.65	YES	NO	
L0001253	0	0.67114E-03	370721.4	3809640.2	496.4	5.00	4.65	4.65	YES	NO	
L0001254	0	0.67114E-03	370729.9	3809635.0	496.6	5.00	4.65	4.65	YES	NO	
L0001255	0	0.67114E-03	370738.4	3809629.7	496.6	5.00	4.65	4.65	YES	NO	
L0001256	0	0.67114E-03	370746.9	3809624.4	496.7	5.00	4.65	4.65	YES	NO	
L0001257	0	0.67114E-03	370755.4	3809619.1	496.7	5.00	4.65	4.65	YES	NO	
L0001258	0	0.67114E-03	370763.9	3809613.8	496.8	5.00	4.65	4.65	YES	NO	
L0001259	0	0.67114E-03	370772.4	3809608.6	496.7	5.00	4.65	4.65	YES	NO	
L0001260	0	0.67114E-03	370780.9	3809603.3	497.0	5.00	4.65	4.65	YES	NO	

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 L0001261         0   0.67114E-03  370789.4 3809598.0   497.2     5.00     4.65
4.65     YES                    NO
 L0001262         0   0.67114E-03  370797.9 3809592.7   497.4     5.00     4.65
4.65     YES                    NO
 L0001263         0   0.67114E-03  370806.4 3809587.4   497.6     5.00     4.65
4.65     YES                    NO
 L0001264         0   0.67114E-03  370814.9 3809582.2   497.8     5.00     4.65
4.65     YES                    NO
 L0001265         0   0.67114E-03  370823.4 3809576.9   498.0     5.00     4.65
4.65     YES                    NO
 L0001266         0   0.67114E-03  370831.9 3809571.6   498.1     5.00     4.65
4.65     YES                    NO
 L0001267         0   0.67114E-03  370840.4 3809566.3   498.1     5.00     4.65
4.65     YES                    NO
 L0001268         0   0.67114E-03  370849.2 3809562.3   498.2     5.00     4.65
4.65     YES                    NO
 L0001269         0   0.67114E-03  370859.2 3809562.3   498.1     5.00     4.65
4.65     YES                    NO
 L0001270         0   0.67114E-03  370869.2 3809562.3   498.0     5.00     4.65
4.65     YES                    NO
 L0001271         0   0.67114E-03  370879.2 3809562.3   497.9     5.00     4.65
4.65     YES                    NO
 L0001272         0   0.67114E-03  370889.2 3809562.3   497.8     5.00     4.65
4.65     YES                    NO
 L0001273         0   0.67114E-03  370899.2 3809562.3   497.8     5.00     4.65
4.65     YES                    NO
 L0001274         0   0.67114E-03  370909.2 3809562.3   497.7     5.00     4.65
4.65     YES                    NO
 L0001275         0   0.67114E-03  370919.2 3809562.3   497.5     5.00     4.65
4.65     YES                    NO
 L0001276         0   0.67114E-03  370929.2 3809562.3   497.4     5.00     4.65
4.65     YES                    NO
 L0001277         0   0.67114E-03  370939.2 3809562.3   497.1     5.00     4.65
4.65     YES                    NO
 L0001278         0   0.67114E-03  370949.2 3809562.3   496.8     5.00     4.65
4.65     YES                    NO
 L0001279         0   0.67114E-03  370959.2 3809562.3   496.6     5.00     4.65
4.65     YES                    NO
 L0001280         0   0.67114E-03  370968.8 3809562.7   496.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0001281	0	0.67114E-03	370968.7	3809572.7	496.2	5.00	4.65	4.65	YES	NO	
L0001282	0	0.67114E-03	370968.7	3809582.7	495.8	5.00	4.65	4.65	YES	NO	
L0001283	0	0.67114E-03	370968.6	3809592.7	495.5	5.00	4.65	4.65	YES	NO	
L0001284	0	0.67114E-03	370968.6	3809602.7	495.1	5.00	4.65	4.65	YES	NO	
L0001285	0	0.67114E-03	370968.5	3809612.7	494.8	5.00	4.65	4.65	YES	NO	
L0001286	0	0.67114E-03	370968.4	3809622.7	494.5	5.00	4.65	4.65	YES	NO	
L0001287	0	0.67114E-03	370968.4	3809632.7	494.2	5.00	4.65	4.65	YES	NO	
L0001288	0	0.67114E-03	370968.3	3809642.7	494.0	5.00	4.65	4.65	YES	NO	
L0001289	0	0.67114E-03	370968.2	3809652.7	493.9	5.00	4.65	4.65	YES	NO	
L0001290	0	0.67114E-03	370968.2	3809662.7	493.8	5.00	4.65	4.65	YES	NO	
L0001291	0	0.67114E-03	370968.1	3809672.7	493.7	5.00	4.65	4.65	YES	NO	
L0001292	0	0.67114E-03	370968.1	3809682.7	493.5	5.00	4.65	4.65	YES	NO	
L0001293	0	0.67114E-03	370968.0	3809692.7	493.3	5.00	4.65	4.65	YES	NO	
L0001294	0	0.67114E-03	370967.9	3809702.7	493.1	5.00	4.65	4.65	YES	NO	
L0001295	0	0.67114E-03	370967.9	3809712.7	492.8	5.00	4.65	4.65	YES	NO	
L0001296	0	0.67114E-03	370967.8	3809722.7	492.5	5.00	4.65	4.65	YES	NO	
L0001297	0	0.67114E-03	370967.7	3809732.7	492.3	5.00	4.65	4.65	YES	NO	
L0001298	0	0.67114E-03	370967.7	3809742.7	492.1	5.00	4.65	4.65	YES	NO	
L0001299	0	0.67114E-03	370967.6	3809752.7	491.8	5.00	4.65	4.65	YES	NO	
L0001300	0	0.67114E-03	370967.5	3809762.7	491.6	5.00	4.65	4.65	YES	NO	

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 L0001301         0   0.67114E-03  370967.5 3809772.7   491.4     5.00     4.65
4.65     YES                    NO
 L0001302         0   0.67114E-03  370967.4 3809782.7   491.1     5.00     4.65
4.65     YES                    NO
 L0001303         0   0.67114E-03  370967.4 3809792.7   490.9     5.00     4.65
4.65     YES                    NO
 L0001304         0   0.67114E-03  370967.3 3809802.7   490.7     5.00     4.65
4.65     YES                    NO
 L0001305         0   0.67114E-03  370967.2 3809812.7   490.5     5.00     4.65
4.65     YES                    NO
 L0001306         0   0.67114E-03  370967.2 3809822.7   490.3     5.00     4.65
4.65     YES                    NO
 L0001307         0   0.67114E-03  370967.1 3809832.7   490.1     5.00     4.65
4.65     YES                    NO
 L0001308         0   0.67114E-03  370967.0 3809842.7   489.9     5.00     4.65
4.65     YES                    NO
 L0001309         0   0.67114E-03  370961.9 3809846.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001310         0   0.67114E-03  370952.1 3809844.5   489.8     5.00     4.65
4.65     YES                    NO
 L0001311         0   0.67114E-03  370942.3 3809842.6   489.9     5.00     4.65
4.65     YES                    NO
 L0001312         0   0.67114E-03  370932.5 3809840.7   489.9     5.00     4.65
4.65     YES                    NO
 L0001313         0   0.67114E-03  370922.7 3809838.7   490.0     5.00     4.65
4.65     YES                    NO
 L0001314         0   0.67114E-03  370912.8 3809836.8   490.1     5.00     4.65
4.65     YES                    NO
 L0001315         0   0.67114E-03  370903.0 3809834.9   490.2     5.00     4.65
4.65     YES                    NO
 L0001316         0   0.67114E-03  370893.2 3809832.9   490.3     5.00     4.65
4.65     YES                    NO
 L0001317         0   0.67114E-03  370883.4 3809831.0   490.3     5.00     4.65
4.65     YES                    NO
 L0001318         0   0.67114E-03  370873.6 3809829.1   490.4     5.00     4.65
4.65     YES                    NO
 L0001319         0   0.67114E-03  370863.8 3809827.1   490.3     5.00     4.65
4.65     YES                    NO
 L0001320         0   0.67114E-03  370854.0 3809825.2   490.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001321	0	0.67114E-03	370844.2	3809823.3	490.4	5.00	4.65	4.65	YES	NO	
L0001322	0	0.67114E-03	370834.4	3809821.3	490.4	5.00	4.65	4.65	YES	NO	
L0001323	0	0.67114E-03	370824.5	3809819.4	490.6	5.00	4.65	4.65	YES	NO	
L0001324	0	0.67114E-03	370814.7	3809817.5	490.9	5.00	4.65	4.65	YES	NO	
L0001325	0	0.67114E-03	370804.9	3809815.5	491.1	5.00	4.65	4.65	YES	NO	
L0001326	0	0.67114E-03	370795.1	3809813.6	491.3	5.00	4.65	4.65	YES	NO	
L0001327	0	0.67114E-03	370785.3	3809811.7	491.5	5.00	4.65	4.65	YES	NO	
L0001328	0	0.67114E-03	370775.5	3809809.7	491.7	5.00	4.65	4.65	YES	NO	
L0001329	0	0.67114E-03	370765.7	3809807.8	491.8	5.00	4.65	4.65	YES	NO	
L0001330	0	0.67114E-03	370755.9	3809805.9	491.8	5.00	4.65	4.65	YES	NO	
L0001331	0	0.67114E-03	370746.0	3809803.9	491.8	5.00	4.65	4.65	YES	NO	
L0001332	0	0.67114E-03	370736.2	3809802.0	491.7	5.00	4.65	4.65	YES	NO	
L0001333	0	0.67114E-03	370727.3	3809798.3	491.5	5.00	4.65	4.65	YES	NO	
L0001334	0	0.67114E-03	370719.8	3809791.7	491.5	5.00	4.65	4.65	YES	NO	
L0001335	0	0.67114E-03	370712.2	3809785.1	491.6	5.00	4.65	4.65	YES	NO	
L0001336	0	0.67114E-03	370704.7	3809778.6	491.7	5.00	4.65	4.65	YES	NO	
L0001337	0	0.67114E-03	370697.2	3809772.0	491.8	5.00	4.65	4.65	YES	NO	
L0001338	0	0.67114E-03	370689.6	3809765.4	492.0	5.00	4.65	4.65	YES	NO	
L0001339	0	0.67114E-03	370682.1	3809758.8	492.1	5.00	4.65	4.65	YES	NO	
L0001340	0	0.67114E-03	370674.6	3809752.3	492.3	5.00	4.65	4.65	YES	NO	

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 L0001341         0   0.67114E-03  370667.0 3809745.7   492.4     5.00     4.65
4.65     YES                    NO
 L0001342         0   0.67114E-03  370661.2 3809739.2   492.5     5.00     4.65
4.65     YES                    NO
 L0001343         0   0.67114E-03  370669.3 3809733.3   492.9     5.00     4.65
4.65     YES                    NO
 L0001344         0   0.67114E-03  370677.4 3809727.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001345         0   0.67114E-03  370685.5 3809721.5   493.1     5.00     4.65
4.65     YES                    NO
 L0001346         0   0.67114E-03  370693.5 3809715.6   493.2     5.00     4.65
4.65     YES                    NO
 L0001347         0   0.67114E-03  370701.6 3809709.7   493.3     5.00     4.65
4.65     YES                    NO
 L0001348         0   0.67114E-03  370709.7 3809703.8   493.6     5.00     4.65
4.65     YES                    NO
 L0001349         0   0.67114E-03  370717.8 3809697.9   493.9     5.00     4.65
4.65     YES                    NO
 L0001350         0   0.67114E-03  370725.9 3809692.0   494.2     5.00     4.65
4.65     YES                    NO
 L0001351         0   0.67114E-03  370733.9 3809686.1   494.4     5.00     4.65
4.65     YES                    NO
 L0001352         0   0.67114E-03  370742.0 3809680.3   494.6     5.00     4.65
4.65     YES                    NO
 L0001353         0   0.67114E-03  370750.1 3809674.4   494.9     5.00     4.65
4.65     YES                    NO
 L0001354         0   0.67114E-03  370758.2 3809668.5   495.1     5.00     4.65
4.65     YES                    NO
 L0001355         0   0.67114E-03  370766.2 3809662.6   495.4     5.00     4.65
4.65     YES                    NO
 L0001356         0   0.67114E-03  370774.3 3809656.7   495.8     5.00     4.65
4.65     YES                    NO
 L0001357         0   0.67114E-03  370782.4 3809650.8   496.1     5.00     4.65
4.65     YES                    NO
 L0001358         0   0.67114E-03  370790.5 3809644.9   496.5     5.00     4.65
4.65     YES                    NO
 L0001359         0   0.67114E-03  370799.0 3809639.6   496.7     5.00     4.65
4.65     YES                    NO
 L0001360         0   0.67114E-03  370807.7 3809634.7   496.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001361	0	0.67114E-03	370816.4	3809629.8	496.6	5.00	4.65	4.65	YES	NO	
L0001362	0	0.67114E-03	370825.1	3809624.9	496.6	5.00	4.65	4.65	YES	NO	
L0001363	0	0.67114E-03	370833.8	3809619.9	496.6	5.00	4.65	4.65	YES	NO	
L0001364	0	0.67114E-03	370842.5	3809615.0	496.7	5.00	4.65	4.65	YES	NO	
L0001365	0	0.67114E-03	370851.2	3809610.1	496.9	5.00	4.65	4.65	YES	NO	
L0001366	0	0.67114E-03	370859.9	3809605.2	497.0	5.00	4.65	4.65	YES	NO	
L0001367	0	0.67114E-03	370868.6	3809600.2	497.0	5.00	4.65	4.65	YES	NO	
L0001368	0	0.67114E-03	370877.3	3809595.3	497.1	5.00	4.65	4.65	YES	NO	
L0001369	0	0.67114E-03	370886.0	3809590.4	497.1	5.00	4.65	4.65	YES	NO	
L0001370	0	0.67114E-03	370895.7	3809589.2	497.0	5.00	4.65	4.65	YES	NO	
L0001371	0	0.67114E-03	370905.7	3809589.2	496.9	5.00	4.65	4.65	YES	NO	
L0001372	0	0.67114E-03	370915.7	3809589.2	496.9	5.00	4.65	4.65	YES	NO	
L0001373	0	0.67114E-03	370925.7	3809589.2	496.8	5.00	4.65	4.65	YES	NO	
L0001374	0	0.67114E-03	370935.7	3809589.2	496.5	5.00	4.65	4.65	YES	NO	
L0001375	0	0.67114E-03	370936.4	3809598.4	496.2	5.00	4.65	4.65	YES	NO	
L0001376	0	0.67114E-03	370936.2	3809608.4	495.9	5.00	4.65	4.65	YES	NO	
L0001377	0	0.67114E-03	370936.1	3809618.4	495.6	5.00	4.65	4.65	YES	NO	
L0001378	0	0.67114E-03	370935.9	3809628.4	495.3	5.00	4.65	4.65	YES	NO	
L0001379	0	0.67114E-03	370935.7	3809638.4	495.0	5.00	4.65	4.65	YES	NO	
L0001380	0	0.67114E-03	370935.6	3809648.4	494.8	5.00	4.65	4.65	YES	NO	

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 L0001381         0   0.67114E-03  370935.4 3809658.4   494.6     5.00     4.65
4.65     YES                    NO
 L0001382         0   0.67114E-03  370935.3 3809668.4   494.4     5.00     4.65
4.65     YES                    NO
 L0001383         0   0.67114E-03  370935.1 3809678.4   494.1     5.00     4.65
4.65     YES                    NO
 L0001384         0   0.67114E-03  370934.9 3809688.4   493.8     5.00     4.65
4.65     YES                    NO
 L0001385         0   0.67114E-03  370934.8 3809698.4   493.5     5.00     4.65
4.65     YES                    NO
 L0001386         0   0.67114E-03  370934.6 3809708.4   493.3     5.00     4.65
4.65     YES                    NO
 L0001387         0   0.67114E-03  370934.5 3809718.4   493.1     5.00     4.65
4.65     YES                    NO
 L0001388         0   0.67114E-03  370934.3 3809728.3   492.9     5.00     4.65
4.65     YES                    NO
 L0001389         0   0.67114E-03  370934.1 3809738.3   492.6     5.00     4.65
4.65     YES                    NO
 L0001390         0   0.67114E-03  370934.0 3809748.3   492.4     5.00     4.65
4.65     YES                    NO
 L0001391         0   0.67114E-03  370933.8 3809758.3   492.1     5.00     4.65
4.65     YES                    NO
 L0001392         0   0.67114E-03  370933.7 3809768.3   491.8     5.00     4.65
4.65     YES                    NO
 L0001393         0   0.67114E-03  370933.5 3809778.3   491.6     5.00     4.65
4.65     YES                    NO
 L0001394         0   0.67114E-03  370933.3 3809788.3   491.3     5.00     4.65
4.65     YES                    NO
 L0001395         0   0.67114E-03  370933.2 3809798.3   491.0     5.00     4.65
4.65     YES                    NO
 L0001396         0   0.67114E-03  370933.0 3809808.3   490.8     5.00     4.65
4.65     YES                    NO
 L0001397         0   0.67114E-03  370928.1 3809812.2   490.7     5.00     4.65
4.65     YES                    NO
 L0001398         0   0.67114E-03  370918.4 3809809.8   490.8     5.00     4.65
4.65     YES                    NO
 L0001399         0   0.67114E-03  370908.7 3809807.5   491.0     5.00     4.65
4.65     YES                    NO
 L0001400         0   0.67114E-03  370899.0 3809805.1   491.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001401	0	0.67114E-03	370889.3	3809802.7	491.1	5.00	4.65	4.65	YES	NO	
L0001402	0	0.67114E-03	370879.6	3809800.3	491.2	5.00	4.65	4.65	YES	NO	
L0001403	0	0.67114E-03	370869.9	3809797.9	491.2	5.00	4.65	4.65	YES	NO	
L0001404	0	0.67114E-03	370860.1	3809795.6	491.2	5.00	4.65	4.65	YES	NO	
L0001405	0	0.67114E-03	370850.4	3809793.2	491.2	5.00	4.65	4.65	YES	NO	
L0001406	0	0.67114E-03	370840.7	3809790.8	491.4	5.00	4.65	4.65	YES	NO	
L0001407	0	0.67114E-03	370831.0	3809788.4	491.6	5.00	4.65	4.65	YES	NO	
L0001408	0	0.67114E-03	370821.3	3809786.0	491.8	5.00	4.65	4.65	YES	NO	
L0001409	0	0.67114E-03	370811.6	3809783.7	491.9	5.00	4.65	4.65	YES	NO	
L0001410	0	0.67114E-03	370801.9	3809781.3	492.1	5.00	4.65	4.65	YES	NO	
L0001411	0	0.67114E-03	370792.2	3809778.9	492.2	5.00	4.65	4.65	YES	NO	
L0001412	0	0.67114E-03	370782.4	3809776.5	492.3	5.00	4.65	4.65	YES	NO	
L0001413	0	0.67114E-03	370772.7	3809774.1	492.4	5.00	4.65	4.65	YES	NO	
L0001414	0	0.67114E-03	370763.0	3809771.7	492.5	5.00	4.65	4.65	YES	NO	
L0001415	0	0.67114E-03	370753.3	3809769.4	492.5	5.00	4.65	4.65	YES	NO	
L0001416	0	0.67114E-03	370745.8	3809763.5	492.6	5.00	4.65	4.65	YES	NO	
L0001417	0	0.67114E-03	370739.4	3809755.8	492.6	5.00	4.65	4.65	YES	NO	
L0001418	0	0.67114E-03	370733.0	3809748.1	492.7	5.00	4.65	4.65	YES	NO	
L0001419	0	0.67114E-03	370733.6	3809738.6	493.0	5.00	4.65	4.65	YES	NO	
L0001420	0	0.67114E-03	370735.4	3809728.8	493.2	5.00	4.65	4.65	YES	NO	

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 L0001421         0   0.67114E-03  370742.8 3809722.6   493.4     5.00     4.65
4.65     YES                    NO
 L0001422         0   0.67114E-03  370751.1 3809717.2   493.7     5.00     4.65
4.65     YES                    NO
 L0001423         0   0.67114E-03  370759.5 3809711.7   493.9     5.00     4.65
4.65     YES                    NO
 L0001424         0   0.67114E-03  370767.9 3809706.2   494.0     5.00     4.65
4.65     YES                    NO
 L0001425         0   0.67114E-03  370776.2 3809700.7   494.2     5.00     4.65
4.65     YES                    NO
 L0001426         0   0.67114E-03  370784.6 3809695.2   494.3     5.00     4.65
4.65     YES                    NO
 L0001427         0   0.67114E-03  370793.0 3809689.8   494.4     5.00     4.65
4.65     YES                    NO
 L0001428         0   0.67114E-03  370801.3 3809684.3   494.6     5.00     4.65
4.65     YES                    NO
 L0001429         0   0.67114E-03  370809.7 3809678.8   494.8     5.00     4.65
4.65     YES                    NO
 L0001430         0   0.67114E-03  370818.1 3809673.3   495.0     5.00     4.65
4.65     YES                    NO
 L0001431         0   0.67114E-03  370826.4 3809667.9   495.1     5.00     4.65
4.65     YES                    NO
 L0001432         0   0.67114E-03  370834.8 3809662.4   495.3     5.00     4.65
4.65     YES                    NO
 L0001433         0   0.67114E-03  370843.2 3809656.9   495.4     5.00     4.65
4.65     YES                    NO
 L0001434         0   0.67114E-03  370851.5 3809651.4   495.4     5.00     4.65
4.65     YES                    NO
 L0001435         0   0.67114E-03  370859.9 3809645.9   495.4     5.00     4.65
4.65     YES                    NO
 L0001436         0   0.67114E-03  370868.3 3809640.5   495.4     5.00     4.65
4.65     YES                    NO
 L0001437         0   0.67114E-03  370876.6 3809635.0   495.5     5.00     4.65
4.65     YES                    NO
 L0001438         0   0.67114E-03  370885.0 3809629.5   495.7     5.00     4.65
4.65     YES                    NO
 L0001439         0   0.67114E-03  370894.3 3809626.0   495.8     5.00     4.65
4.65     YES                    NO
 L0001440         0   0.67114E-03  370902.4 3809624.7   495.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001441	0	0.67114E-03	370902.4	3809634.7	495.4	5.00	4.65	4.65	YES	NO
L0001442	0	0.67114E-03	370902.4	3809644.7	495.2	5.00	4.65	4.65	YES	NO
L0001443	0	0.67114E-03	370902.4	3809654.7	495.1	5.00	4.65	4.65	YES	NO
L0001444	0	0.67114E-03	370902.4	3809664.7	495.0	5.00	4.65	4.65	YES	NO
L0001445	0	0.67114E-03	370902.4	3809674.7	494.8	5.00	4.65	4.65	YES	NO
L0001446	0	0.67114E-03	370902.4	3809684.7	494.5	5.00	4.65	4.65	YES	NO
L0001447	0	0.67114E-03	370902.4	3809694.7	494.2	5.00	4.65	4.65	YES	NO
L0001448	0	0.67114E-03	370902.4	3809704.7	493.9	5.00	4.65	4.65	YES	NO
L0001449	0	0.67114E-03	370902.4	3809714.7	493.7	5.00	4.65	4.65	YES	NO
L0001450	0	0.67114E-03	370902.4	3809724.7	493.4	5.00	4.65	4.65	YES	NO
L0001451	0	0.67114E-03	370902.4	3809734.7	493.2	5.00	4.65	4.65	YES	NO
L0001452	0	0.67114E-03	370902.4	3809744.7	492.9	5.00	4.65	4.65	YES	NO
L0001453	0	0.67114E-03	370902.4	3809754.7	492.6	5.00	4.65	4.65	YES	NO
L0001454	0	0.67114E-03	370902.4	3809764.7	492.3	5.00	4.65	4.65	YES	NO
L0001455	0	0.67114E-03	370902.4	3809774.7	492.0	5.00	4.65	4.65	YES	NO
L0001456	0	0.67114E-03	370897.2	3809778.2	491.9	5.00	4.65	4.65	YES	NO
L0001457	0	0.67114E-03	370887.4	3809776.0	492.0	5.00	4.65	4.65	YES	NO
L0001458	0	0.67114E-03	370877.7	3809773.8	492.1	5.00	4.65	4.65	YES	NO
L0001459	0	0.67114E-03	370867.9	3809771.7	492.1	5.00	4.65	4.65	YES	NO
L0001460	0	0.67114E-03	370858.1	3809769.5	492.2	5.00	4.65	4.65	YES	NO

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 L0001461         0   0.67114E-03  370848.4 3809767.4   492.3     5.00     4.65
4.65     YES                    NO
 L0001462         0   0.67114E-03  370838.6 3809765.2   492.4     5.00     4.65
4.65     YES                    NO
 L0001463         0   0.67114E-03  370828.8 3809763.1   492.5     5.00     4.65
4.65     YES                    NO
 L0001464         0   0.67114E-03  370819.1 3809760.9   492.5     5.00     4.65
4.65     YES                    NO
 L0001465         0   0.67114E-03  370809.3 3809758.8   492.6     5.00     4.65
4.65     YES                    NO
 L0001466         0   0.67114E-03  370799.5 3809756.6   492.7     5.00     4.65
4.65     YES                    NO
 L0001467         0   0.67114E-03  370789.8 3809754.5   492.8     5.00     4.65
4.65     YES                    NO
 L0001468         0   0.67114E-03  370780.7 3809752.0   492.9     5.00     4.65
4.65     YES                    NO
 L0001469         0   0.67114E-03  370785.8 3809743.3   493.1     5.00     4.65
4.65     YES                    NO
 L0001470         0   0.67114E-03  370790.8 3809734.7   493.4     5.00     4.65
4.65     YES                    NO
 L0001471         0   0.67114E-03  370797.6 3809727.7   493.5     5.00     4.65
4.65     YES                    NO
 L0001472         0   0.67114E-03  370805.8 3809722.0   493.7     5.00     4.65
4.65     YES                    NO
 L0001473         0   0.67114E-03  370814.0 3809716.3   493.8     5.00     4.65
4.65     YES                    NO
 L0001474         0   0.67114E-03  370822.3 3809710.6   494.0     5.00     4.65
4.65     YES                    NO
 L0001475         0   0.67114E-03  370830.5 3809704.9   494.2     5.00     4.65
4.65     YES                    NO
 L0001476         0   0.67114E-03  370838.7 3809699.1   494.5     5.00     4.65
4.65     YES                    NO
 L0001477         0   0.67114E-03  370846.9 3809693.4   494.7     5.00     4.65
4.65     YES                    NO
 L0001478         0   0.67114E-03  370855.1 3809687.7   494.8     5.00     4.65
4.65     YES                    NO
 L0001479         0   0.67114E-03  370863.3 3809682.0   494.9     5.00     4.65
4.65     YES                    NO
 L0001480         0   0.67114E-03  370871.5 3809676.3   494.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

```
              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001481         0   0.67114E-03  370875.5 3809678.6   494.8     5.00     4.65
4.65     YES                    NO
 L0001482         0   0.67114E-03  370875.5 3809688.6   494.5     5.00     4.65
4.65     YES                    NO
 L0001483         0   0.67114E-03  370875.5 3809698.6   494.3     5.00     4.65
4.65     YES                    NO
 L0001484         0   0.67114E-03  370875.5 3809708.6   493.9     5.00     4.65
4.65     YES                    NO
 L0001485         0   0.67114E-03  370875.5 3809718.6   493.6     5.00     4.65
4.65     YES                    NO
 L0001486         0   0.67114E-03  370875.5 3809728.6   493.3     5.00     4.65
4.65     YES                    NO
 L0001487         0   0.67114E-03  370875.5 3809738.6   493.1     5.00     4.65
4.65     YES                    NO
 L0001488         0   0.67114E-03  370870.4 3809743.4   493.0     5.00     4.65
4.65     YES                    NO
 L0001489         0   0.67114E-03  370860.4 3809743.4   493.0     5.00     4.65
4.65     YES                    NO
 L0001490         0   0.67114E-03  370850.4 3809743.4   493.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
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                                PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0000014    , L0000015    , L0000016    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
	L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
	L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
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	L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0000974    , L0000975    , L0000976    ,

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L0000982    , L0000983    , L0000984    ,

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L0001113   , L0001114   , L0001115   , L0001116   , L0001117   ,
L0001118   , L0001119   , L0001120   ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 ,
	L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 ,
	L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 ,
	L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 ,
	L0001161 , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 , L0001168 ,
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	L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 , L0001184 ,
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	L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 ,
	L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 ,
	L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 ,
	L0001217 , L0001218 , L0001219 , L0001220 , L0001221 ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0001342    , L0001343    , L0001344    ,

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L0001382    , L0001383    , L0001384    ,

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L0001398    , L0001399    , L0001400    ,

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L0001438    , L0001439    , L0001440    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 ,
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	L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 ,
	L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 , L0001488 ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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L0000022    , L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

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L0000038    , L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

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L0000062    , L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
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L0000078    , L0000079    , L0000080    ,

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000278    , L0000279    , L0000280    ,

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L0000318    , L0000319    , L0000320    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000630   , L0000631   , L0000632   ,

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L0000638   , L0000639   , L0000640   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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             L0000641   , L0000642   , L0000643   , L0000644   , L0000645   ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000814 , L0000815 , L0000816 ,

L0000817 , L0000818 , L0000819 , L0000820 , L0000821 ,
L0000822 , L0000823 , L0000824 ,

L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,
L0000830 , L0000831 , L0000832 ,

L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,
L0000838 , L0000839 , L0000840 ,

L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,
L0000846 , L0000847 , L0000848 ,

L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,
L0000854 , L0000855 , L0000856 ,

L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,
L0000862 , L0000863 , L0000864 ,

L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,
L0000870 , L0000871 , L0000872 ,

L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,

L0000878   , L0000879   , L0000880   ,

             L0000881   , L0000882   , L0000883   , L0000884   , L0000885   ,
L0000886   , L0000887   , L0000888   ,

             L0000889   , L0000890   , L0000891   , L0000892   , L0000893   ,
L0000894   , L0000895   , L0000896   ,

             L0000897   , L0000898   , L0000899   , L0000900   , L0000901   ,
L0000902   , L0000903   , L0000904   ,

             L0000905   , L0000906   , L0000907   , L0000908   , L0000909   ,
L0000910   , L0000911   , L0000912   ,

             L0000913   , L0000914   , L0000915   , L0000916   , L0000917   ,
L0000918   , L0000919   , L0000920   ,

             L0000921   , L0000922   , L0000923   , L0000924   , L0000925   ,
L0000926   , L0000927   , L0000928   ,

             L0000929   , L0000930   , L0000931   , L0000932   , L0000933   ,
L0000934   , L0000935   , L0000936   ,

             L0000937   , L0000938   , L0000939   , L0000940   , L0000941   ,
L0000942   , L0000943   , L0000944   ,

             L0000945   , L0000946   , L0000947   , L0000948   , L0000949   ,
L0000950   , L0000951   , L0000952   ,

             L0000953   , L0000954   , L0000955   , L0000956   , L0000957   ,
L0000958   , L0000959   , L0000960   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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             L0000961   , L0000962   , L0000963   , L0000964   , L0000965   ,
L0000966   , L0000967   , L0000968   ,

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            L0000969    , L0000970    , L0000971    , L0000972    , L0000973    ,
L0000974    , L0000975    , L0000976    ,

            L0000977    , L0000978    , L0000979    , L0000980    , L0000981    ,
L0000982    , L0000983    , L0000984    ,

            L0000985    , L0000986    , L0000987    , L0000988    , L0000989    ,
L0000990    , L0000991    , L0000992    ,

            L0000993    , L0000994    , L0000995    , L0000996    , L0000997    ,
L0000998    , L0000999    , L0001000    ,

            L0001001    , L0001002    , L0001003    , L0001004    , L0001005    ,
L0001006    , L0001007    , L0001008    ,

            L0001009    , L0001010    , L0001011    , L0001012    , L0001013    ,
L0001014    , L0001015    , L0001016    ,

            L0001017    , L0001018    , L0001019    , L0001020    , L0001021    ,
L0001022    , L0001023    , L0001024    ,

            L0001025    , L0001026    , L0001027    , L0001028    , L0001029    ,
L0001030    , L0001031    , L0001032    ,

            L0001033    , L0001034    , L0001035    , L0001036    , L0001037    ,
L0001038    , L0001039    , L0001040    ,

            L0001041    , L0001042    , L0001043    , L0001044    , L0001045    ,
L0001046    , L0001047    , L0001048    ,

            L0001049    , L0001050    , L0001051    , L0001052    , L0001053    ,
L0001054    , L0001055    , L0001056    ,

            L0001057    , L0001058    , L0001059    , L0001060    , L0001061    ,
L0001062    , L0001063    , L0001064    ,

            L0001065    , L0001066    , L0001067    , L0001068    , L0001069    ,
L0001070    , L0001071    , L0001072    ,

            L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
L0001078    , L0001079    , L0001080    ,

            L0001081    , L0001082    , L0001083    , L0001084    , L0001085    ,
L0001086    , L0001087    , L0001088    ,

            L0001089    , L0001090    , L0001091    , L0001092    , L0001093    ,
L0001094    , L0001095    , L0001096    ,

            L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
L0001102    , L0001103    , L0001104    ,
```

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001121 , L0001122 , L0001123 , L0001124 , L0001125 ,
L0001126 , L0001127 , L0001128 ,

L0001129 , L0001130 , L0001131 , L0001132 , L0001133 ,
L0001134 , L0001135 , L0001136 ,

L0001137 , L0001138 , L0001139 , L0001140 , L0001141 ,
L0001142 , L0001143 , L0001144 ,

L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,
L0001150 , L0001151 , L0001152 ,

L0001153 , L0001154 , L0001155 , L0001156 , L0001157 ,
L0001158 , L0001159 , L0001160 ,

L0001161 , L0001162 , L0001163 , L0001164 , L0001165 ,
L0001166 , L0001167 , L0001168 ,

L0001169 , L0001170 , L0001171 , L0001172 , L0001173 ,
L0001174 , L0001175 , L0001176 ,

L0001177 , L0001178 , L0001179 , L0001180 , L0001181 ,
L0001182 , L0001183 , L0001184 ,

L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 ,

L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,

L0001198   , L0001199   , L0001200   ,

             L0001201   , L0001202   , L0001203   , L0001204   , L0001205   ,
L0001206   , L0001207   , L0001208   ,

             L0001209   , L0001210   , L0001211   , L0001212   , L0001213   ,
L0001214   , L0001215   , L0001216   ,

             L0001217   , L0001218   , L0001219   , L0001220   , L0001221   ,
L0001222   , L0001223   , L0001224   ,

             L0001225   , L0001226   , L0001227   , L0001228   , L0001229   ,
L0001230   , L0001231   , L0001232   ,

             L0001233   , L0001234   , L0001235   , L0001236   , L0001237   ,
L0001238   , L0001239   , L0001240   ,

             L0001241   , L0001242   , L0001243   , L0001244   , L0001245   ,
L0001246   , L0001247   , L0001248   ,

             L0001249   , L0001250   , L0001251   , L0001252   , L0001253   ,
L0001254   , L0001255   , L0001256   ,

             L0001257   , L0001258   , L0001259   , L0001260   , L0001261   ,
L0001262   , L0001263   , L0001264   ,

             L0001265   , L0001266   , L0001267   , L0001268   , L0001269   ,
L0001270   , L0001271   , L0001272   ,

             L0001273   , L0001274   , L0001275   , L0001276   , L0001277   ,
L0001278   , L0001279   , L0001280   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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             L0001281   , L0001282   , L0001283   , L0001284   , L0001285   ,
L0001286   , L0001287   , L0001288   ,

L0001289 , L0001290 , L0001291 , L0001292 , L0001293 , L0001294 , L0001295 , L0001296 ,

L0001297 , L0001298 , L0001299 , L0001300 , L0001301 , L0001302 , L0001303 , L0001304 ,

L0001305 , L0001306 , L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 ,

L0001313 , L0001314 , L0001315 , L0001316 , L0001317 , L0001318 , L0001319 , L0001320 ,

L0001321 , L0001322 , L0001323 , L0001324 , L0001325 , L0001326 , L0001327 , L0001328 ,

L0001329 , L0001330 , L0001331 , L0001332 , L0001333 , L0001334 , L0001335 , L0001336 ,

L0001337 , L0001338 , L0001339 , L0001340 , L0001341 , L0001342 , L0001343 , L0001344 ,

L0001345 , L0001346 , L0001347 , L0001348 , L0001349 , L0001350 , L0001351 , L0001352 ,

L0001353 , L0001354 , L0001355 , L0001356 , L0001357 , L0001358 , L0001359 , L0001360 ,

L0001361 , L0001362 , L0001363 , L0001364 , L0001365 , L0001366 , L0001367 , L0001368 ,

L0001369 , L0001370 , L0001371 , L0001372 , L0001373 , L0001374 , L0001375 , L0001376 ,

L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 ,

L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 ,

L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 ,

L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 ,

L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 ,

L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0001441 , L0001442 , L0001443 , L0001444 , L0001445 ,
L0001446 , L0001447 , L0001448 ,

L0001449 , L0001450 , L0001451 , L0001452 , L0001453 ,
L0001454 , L0001455 , L0001456 ,

L0001457 , L0001458 , L0001459 , L0001460 , L0001461 ,
L0001462 , L0001463 , L0001464 ,

L0001465 , L0001466 , L0001467 , L0001468 , L0001469 ,
L0001470 , L0001471 , L0001472 ,

L0001473 , L0001474 , L0001475 , L0001476 , L0001477 ,
L0001478 , L0001479 , L0001480 ,

L0001481 , L0001482 , L0001483 , L0001484 , L0001485 ,
L0001486 , L0001487 , L0001488 ,

L0001489 , L0001490 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

Y-COORD (METERS)	X-COORD (METERS)									
	369830.38	369887.63	369944.88	370002.13	370059.38	370116.63	370173.88	370231.13	370288.38	
3811011.02	537.50	519.40	499.80	496.00	497.30	511.00	524.90	541.20	511.70	
3810987.40	535.00	516.40	498.30	495.20	496.40	506.00	519.80	533.20	504.90	
3810963.78	534.60	515.60	495.50	495.00	495.70	500.30	514.80	523.70	499.10	
3810940.16	535.10	515.90	492.40	495.20	495.20	497.10	509.10	518.90	494.40	
3810916.54	530.70	517.50	492.40	491.90	495.60	496.00	503.50	510.30	493.10	

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  3810892.92 |        519.00       500.30       491.50       490.00       496.00
  496.20       498.10       503.40       492.20
  3810869.30 |        517.20       492.30       490.90       489.00       493.50
  497.90       494.00       496.90       491.20
  3810845.68 |        519.60       492.90       490.70       488.40       489.00
  501.30       492.20       490.30       490.00
  3810822.06 |        516.40       493.90       490.70       487.10       489.00
  506.10       492.10       489.50       489.50
  3810798.44 |        513.40       497.20       489.80       486.10       488.30
  506.00       492.40       489.30       488.80
  3810774.82 |        508.70       494.10       489.20       485.30       486.40
  500.30       494.90       488.90       487.80
  3810751.20 |        505.50       489.80       487.70       484.20       484.10
  491.30       496.80       488.10       486.60
  3810727.58 |        505.00       488.70       483.80       482.60       483.20
  484.50       486.80       485.90       486.00
  3810703.96 |        500.00       487.70       483.10       482.70       482.90
  483.60       484.60       484.70       485.00
  3810680.34 |        493.50       486.40       481.80       481.80       482.20
  483.60       484.10       484.20       484.30
  3810656.72 |        487.10       485.10       480.60       480.70       481.30
  483.00       483.40       483.90       483.80
  3810633.10 |        482.30       483.80       479.80       480.00       480.20
  480.20       481.20       482.80       483.00
  3810609.48 |        481.70       481.80       479.10       479.40       479.60
  479.20       480.00       480.90       481.80
  3810585.86 |        481.10       481.50       478.80       479.00       479.70
  479.20       479.70       480.30       481.10
  3810562.24 |        478.80       479.50       478.20       478.50       479.20
  479.00       479.50       480.10       480.70
  3810538.62 |        477.30       477.60       478.20       478.40       478.40
  478.40       478.80       479.50       480.40
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:51:32

                                 PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART
***

                                              * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     370345.63    370402.88    370460.13    370517.38    370574.63
370631.88    370689.13    370746.38    370803.63
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3811011.02 |        497.80       498.50       499.40       499.50       501.00
 516.30       538.90       539.40       516.60
 3810987.40 |        496.60       498.00       498.50       498.90       500.30
 519.30       541.60       535.60       513.10
 3810963.78 |        495.60       497.80       496.90       498.20       500.50
 522.20       528.40       526.40       510.60
 3810940.16 |        494.60       495.60       496.30       497.10       500.10
 518.30       515.10       523.90       506.70
 3810916.54 |        493.70       495.00       494.70       495.90       498.60
 506.50       515.00       525.80       504.60
 3810892.92 |        492.30       495.10       493.40       495.60       497.90
 498.60       520.20       525.00       503.40
 3810869.30 |        490.80       494.60       492.50       495.40       497.50
 499.60       523.50       516.30       501.80
 3810845.68 |        489.40       491.70       491.70       492.50       493.50
 505.10       514.70       504.50       499.80
 3810822.06 |        488.90       491.20       491.70       491.70       492.80
 498.50       501.80       498.50       498.60
 3810798.44 |        488.30       490.50       491.20       491.10       492.90
 494.00       494.70       496.00       497.80
 3810774.82 |        487.60       489.70       490.40       490.40       493.00
 493.70       494.30       495.40       497.00
 3810751.20 |        486.90       488.80       489.90       489.60       492.80
 493.60       493.40       494.60       495.70
 3810727.58 |        486.70       487.90       488.90       489.20       492.70
 493.40       492.40       494.50       494.90
 3810703.96 |        486.60       487.20       487.70       488.70       492.50
 493.20       491.60       494.00       495.00
 3810680.34 |        486.30       486.60       486.80       488.40       492.30
 492.70       491.00       493.10       495.30
 3810656.72 |        485.20       486.20       486.40       488.60       492.40
 491.30       490.60       492.30       493.20
 3810633.10 |        482.50       486.60       486.90       489.40       492.60
 491.70       489.90       492.00       493.10
 3810609.48 |        482.20       485.30       486.50       488.00       489.60
 489.60       489.20       491.60       493.30
 3810585.86 |        482.40       484.40       485.80       486.70       487.30
 488.00       489.00       491.20       493.40
 3810562.24 |        482.30       484.00       485.30       486.40       486.90
 488.30       489.70       490.80       492.60
 3810538.62 |        481.30       482.90       485.10       485.40       485.30
 487.00       488.60       490.30       492.10
```

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	370860.88	370918.13	370975.38
3811011.02	506.30	507.10	507.40
3810987.40	504.80	506.50	507.20
3810963.78	504.00	505.50	506.30
3810940.16	503.40	504.80	505.40
3810916.54	502.70	503.50	505.50
3810892.92	502.00	502.10	505.90
3810869.30	501.40	501.30	505.50
3810845.68	500.90	501.50	504.90
3810822.06	500.10	500.90	504.30
3810798.44	499.20	500.10	503.80
3810774.82	498.60	499.90	503.20
3810751.20	498.10	501.90	503.50
3810727.58	497.30	501.90	503.00
3810703.96	497.40	500.80	503.00
3810680.34	498.00	499.70	504.20
3810656.72	496.80	500.40	505.20
3810633.10	496.20	499.60	502.80
3810609.48	496.30	498.90	500.60
3810585.86	496.40	498.00	499.10
3810562.24	495.60	494.80	496.40
3810538.62	494.00	494.90	493.60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	369830.38	369887.63	369944.88	370002.13	370059.38	370116.63	370173.88	370231.13	370288.38

 3811011.02 | 620.70   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810987.40 | 1481.80   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810963.78 | 1482.00   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810940.16 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810916.54 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810892.92 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810869.30 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810845.68 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810822.06 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810798.44 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810774.82 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810751.20 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810727.58 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810703.96 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810680.34 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810656.72 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810633.10 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810609.48 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810585.86 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810562.24 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10
 3810538.62 | 1482.10   1482.10   1482.10   1482.10   1482.10
1482.10   1482.10   1482.10   1482.10

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	370345.63	370402.88	370460.13	370517.38	370574.63	370631.88	370689.13	370746.38	370803.63	
3811011.02	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810987.40	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810963.78	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810940.16	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810916.54	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810892.92	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810869.30	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810845.68	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810822.06	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810798.44	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810774.82	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810751.20	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810727.58	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810703.96	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810680.34	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810656.72	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810633.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810609.48	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	
3810585.86	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	1482.10	

```
  3810562.24 |       1482.10      1482.10      1482.10      1482.10      1482.10
 1482.10      1482.10      1482.10      1482.10
  3810538.62 |       1482.10      1482.10      1482.10      1482.10      1482.10
 1482.10      1482.10      1482.10      1482.10
```



```
                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     370860.88    370918.13    370975.38
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3811011.02 |       1482.10      1482.10      1482.10
  3810987.40 |       1482.10      1482.10      1482.10
  3810963.78 |       1482.10      1482.10      1482.10
  3810940.16 |       1482.10      1482.10      1482.10
  3810916.54 |       1482.10      1482.10      1482.10
  3810892.92 |       1482.10      1482.10      1482.10
  3810869.30 |       1482.10      1482.10      1482.10
  3810845.68 |       1482.10      1482.10      1482.10
  3810822.06 |       1482.10      1482.10      1482.10
  3810798.44 |       1482.10      1482.10      1482.10
  3810774.82 |       1482.10      1482.10      1482.10
  3810751.20 |       1482.10      1482.10      1482.10
  3810727.58 |       1482.10      1482.10      1482.10
  3810703.96 |       1482.10      1482.10      1482.10
  3810680.34 |       1482.10      1482.10      1482.10
  3810656.72 |       1482.10      1482.10      1482.10
  3810633.10 |       1482.10      1482.10      1482.10
  3810609.48 |       1482.10      1482.10      1482.10
  3810585.86 |       1482.10      1482.10      1482.10
  3810562.24 |       1482.10      1482.10      1482.10
  3810538.62 |       1482.10      1482.10      1482.10
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(369706.2, 3810117.4, 473.4, 1482.1, 0.0); (369743.2, 3810115.2, 474.0, 1482.1, 0.0);
(369776.4, 3810114.1, 474.7, 1482.1, 0.0); (369764.8, 3810038.4, 476.1, 1482.1, 0.0);
(369800.7, 3810035.1, 477.0, 1482.1, 0.0); (369844.9, 3810022.4, 479.0, 1482.1, 0.0);
(369794.6, 3809992.0, 479.7, 1482.1, 0.0); (369730.5, 3809987.6, 479.6, 1482.1, 0.0);
(369696.3, 3810008.6, 473.5, 1482.1, 0.0); (369671.4, 3809990.9, 472.8, 1482.1, 0.0);
(369652.1, 3809978.2, 472.3, 1482.1, 0.0); (369674.8, 3809960.5, 472.3, 1482.1, 0.0);
(369698.5, 3809901.4, 473.3, 1482.1, 0.0); (369638.8, 3809965.5, 471.9, 1482.1, 0.0);
(369659.8, 3809939.0, 471.7, 1482.1, 0.0); (369669.8, 3809936.8, 471.9, 1482.1, 0.0);
(369680.3, 3809925.2, 472.1, 1482.1, 0.0); (369728.3, 3810148.3, 473.6, 1482.1, 0.0);
(369666.5, 3810112.4, 473.6, 1482.1, 0.0); (369637.2, 3810096.9, 473.4, 1482.1, 0.0);
(369648.8, 3810040.6, 472.2, 1482.1, 0.0); (369616.8, 3810011.9, 471.6, 1482.1, 0.0);
(369571.5, 3810013.0, 471.3, 1482.1, 0.0); (369573.7, 3809976.0, 471.2, 1482.1, 0.0);
(369605.7, 3809924.6, 470.7, 1482.1, 0.0); (369582.5, 3809900.9, 470.0, 1482.1, 0.0);
(369569.3, 3809889.8, 469.9, 1482.1, 0.0); (369572.6, 3809851.7, 469.3, 1482.1, 0.0);
(369644.9, 3809844.0, 469.6, 1482.1, 0.0); (369547.1, 3809949.3, 470.7, 1482.1, 0.0);
(369553.7, 3809870.9, 469.6, 1482.1, 0.0); (369419.0, 3809914.0, 469.2, 1482.1, 0.0);
(369458.4, 3809936.6, 469.6, 1482.1, 0.0); (369440.1, 3809897.6, 469.3, 1482.1, 0.0);
(369467.8, 3809779.3, 468.8, 1482.1, 0.0); (369479.5, 3809794.3, 469.0, 1482.1, 0.0);
(369392.9, 3809714.0, 468.7, 1482.1, 0.0); (369360.8, 3809699.5, 468.6, 1482.1, 0.0);
(369328.6, 3809685.7, 468.6, 1482.1, 0.0); (369306.5, 3809678.1, 468.6, 1482.1, 0.0);
(369283.5, 3809667.3, 468.8, 1482.1, 0.0); (369232.3, 3809641.4, 469.3, 1482.1, 0.0);
(369980.1, 3809692.9, 483.2, 1482.1, 0.0); (370026.9, 3809699.4, 484.3, 1482.1, 0.0);
(370079.5, 3809694.0, 485.6, 1482.1, 0.0); (370091.7,

```
3809615.6,     486.1,    1482.1,       0.0);
     ( 370146.0, 3809656.0,     487.1,    1482.1,       0.0);         ( 370123.9,
3809672.6,     486.8,    1482.1,       0.0);
     ( 370150.1, 3809688.2,     487.2,    1482.1,       0.0);         ( 370023.5,
3809587.8,     487.4,    1482.1,       0.0);
     ( 370249.5, 3809837.4,     506.5,    1482.1,       0.0);         ( 370178.9,
3809761.8,     486.4,    1482.1,       0.0);
     ( 370248.1, 3809727.2,     487.8,    1482.1,       0.0);         ( 370336.6,
3809715.3,     489.6,    1482.1,       0.0);
     ( 370286.1, 3809697.7,     489.1,    1482.1,       0.0);         ( 370257.6,
3809698.4,     488.5,    1482.1,       0.0);
     ( 370251.1, 3809682.4,     488.7,    1482.1,       0.0);         ( 370243.3,
3809666.5,     488.9,    1482.1,       0.0);
     ( 370322.7, 3809463.0,     493.5,    1482.1,       0.0);         ( 370282.7,
3809511.8,     492.4,    1482.1,       0.0);
     ( 370276.6, 3809492.5,     493.1,    1482.1,       0.0);         ( 370316.6,
3809519.9,     492.2,    1482.1,       0.0);
     ( 370303.0, 3809534.5,     491.8,    1482.1,       0.0);         ( 370357.6,
3809451.4,     493.8,    1482.1,       0.0);
     ( 370303.0, 3809441.2,     497.9,    1482.1,       0.0);         ( 370346.8,
3809400.5,     494.8,    1482.1,       0.0);
     ( 370221.2, 3809202.5,     506.3,    1482.1,       0.0);         ( 370273.5,
3809203.7,     498.8,    1482.1,       0.0);
     ( 370267.1, 3809185.7,     499.4,    1482.1,       0.0);         ( 370270.3,
3809174.1,     500.2,    1482.1,       0.0);
     ( 370175.7, 3809169.3,     500.6,    1482.1,       0.0);         ( 370287.8,
3809091.1,     504.9,    1482.1,       0.0);
     ( 370291.0, 3809145.8,     502.1,    1482.1,       0.0);         ( 370324.1,
3809113.1,     501.1,    1482.1,       0.0);
     ( 370419.5, 3809169.8,     514.9,    1482.1,       0.0);         ( 370681.0,
3809053.5,     507.0,    1482.1,       0.0);
     ( 370646.6, 3809058.8,     506.1,    1482.1,       0.0);         ( 370531.2,
3808958.6,     519.4,    1482.1,       0.0);
     ( 370666.5, 3808993.8,     507.8,    1482.1,       0.0);         ( 370894.3,
3808756.0,     526.6,    1482.1,       0.0);
     ( 370896.6, 3808724.7,     528.6,    1482.1,       0.0);         ( 370645.7,
3808489.9,     546.4,    1482.1,       0.0);
     ( 370664.3, 3808490.1,     546.1,    1482.1,       0.0);         ( 370713.6,
3808491.3,     546.7,    1482.1,       0.0);
     ( 370696.2, 3808501.4,     546.0,    1482.1,       0.0);         ( 370743.5,
3808496.2,     547.7,    1482.1,       0.0);
     ( 370748.4, 3808518.5,     546.8,    1482.1,       0.0);         ( 370750.4,
3808510.2,     547.3,    1482.1,       0.0);
     ( 370769.5, 3808518.5,     547.7,    1482.1,       0.0);         ( 370792.0,
3808532.3,     547.0,    1482.1,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***       15:51:32
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370812.1, 3808529.1, 546.9, 1482.1, 0.0); (370781.8, 3808507.0, 547.5, 1482.1, 0.0);
(370835.4, 3808557.5, 544.9, 1482.1, 0.0); (370843.3, 3808550.2, 544.2, 1482.1, 0.0);
(370874.4, 3808569.3, 541.3, 1482.1, 0.0); (370840.5, 3808484.8, 547.7, 1482.1, 0.0);
(370851.8, 3808498.1, 547.1, 1482.1, 0.0); (370880.0, 3808515.4, 543.8, 1482.1, 0.0);
(370898.2, 3808516.3, 543.1, 1482.1, 0.0); (370935.2, 3808545.8, 538.4, 1482.1, 0.0);
(370961.5, 3808520.1, 538.6, 1482.1, 0.0); (370950.2, 3808599.1, 537.4, 1482.1, 0.0);
(370976.7, 3808579.2, 538.4, 1482.1, 0.0); (371005.9, 3808565.1, 538.5, 1482.1, 0.0);
(370985.7, 3808501.1, 538.3, 1482.1, 0.0); (371017.4, 3808483.8, 538.1, 1482.1, 0.0);
(371008.8, 3808407.6, 542.8, 1482.1, 0.0); (370993.2, 3808387.7, 543.5, 1482.1, 0.0);
(371034.1, 3808428.7, 541.1, 1482.1, 0.0); (371055.2, 3808455.8, 538.8, 1482.1, 0.0);
(371088.1, 3808508.0, 537.8, 1482.1, 0.0); (371058.3, 3808518.9, 537.8, 1482.1, 0.0);
(371115.5, 3808481.7, 537.6, 1482.1, 0.0); (371137.4, 3808466.4, 538.4, 1482.1, 0.0);
(371100.2, 3808421.8, 539.0, 1482.1, 0.0); (371080.0, 3808390.0, 541.2, 1482.1, 0.0);
(371134.5, 3808396.7, 539.9, 1482.1, 0.0); (371165.1, 3808446.7, 539.4, 1482.1, 0.0);
(371193.1, 3808427.2, 539.9, 1482.1, 0.0); (371223.0, 3808384.9, 541.6, 1482.1, 0.0);
(371155.5, 3808372.5, 540.9, 1482.1, 0.0); (368902.3, 3809559.3, 467.8, 1482.1, 0.0);
(368914.9, 3809508.9, 468.0, 1482.1, 0.0); (368977.9, 3809507.6, 469.4, 1482.1, 0.0);
(368991.8, 3809508.3, 469.6, 1482.1, 0.0); (369007.8, 3809507.6, 469.8, 1482.1, 0.0);
(369013.7, 3809539.4, 469.6, 1482.1, 0.0); (368989.8, 3809589.8, 468.5, 1482.1, 0.0);
(368959.3, 3809587.8, 468.4, 1482.1, 0.0); (368944.8, 3809570.6, 468.3, 1482.1, 0.0);
(368946.8, 3809589.8, 468.2, 1482.1, 0.0); (368920.9, 3809591.2, 467.8, 1482.1, 0.0);
(368886.4, 3809584.5, 467.0, 1482.1, 0.0); (368840.7,

3809546.1,   466.4,   1482.1,   0.0);
     (368828.1, 3809568.0,   466.1,   1482.1,   0.0);   (368857.2,
3809604.4,   466.2,   1482.1,   0.0);
     (368849.9, 3809583.2,   466.4,   1482.1,   0.0);   (368889.1,
3809531.5,   468.1,   1482.1,   0.0);
     (368943.4, 3809534.1,   468.6,   1482.1,   0.0);   (369042.2,
3809534.1,   470.8,   1482.1,   0.0);
     (369050.2, 3809494.4,   471.2,   1482.1,   0.0);   (369101.2,
3809517.6,   471.0,   1482.1,   0.0);
     (371577.1, 3809136.4,   519.5,   1482.1,   0.0);   (371596.7,
3809150.5,   519.5,   1482.1,   0.0);
     (371671.9, 3809131.0,   521.6,   1482.1,   0.0);   (371673.4,
3809089.5,   521.9,   1482.1,   0.0);
     (371606.5, 3809066.5,   521.0,   1482.1,   0.0);   (371697.3,
3809039.6,   522.6,   1482.1,   0.0);
     (371794.1, 3809137.8,   526.6,   1482.1,   0.0);   (371742.8,
3809158.4,   523.3,   1482.1,   0.0);
     (371734.5, 3809204.8,   522.6,   1482.1,   0.0);   (371603.0,
3809300.1,   521.4,   1482.1,   0.0);
     (371437.4, 3809299.1,   515.5,   1482.1,   0.0);   (371451.0,
3809327.9,   516.8,   1482.1,   0.0);
     (371971.5, 3809120.2,   530.5,   1482.1,   0.0);   (371941.2,
3809159.8,   532.2,   1482.1,   0.0);
     (371967.6, 3809162.8,   533.4,   1482.1,   0.0);   (372187.5,
3809236.1,   540.7,   1482.1,   0.0);
     (372196.8, 3809244.9,   540.6,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: Belcaro.dat\SCLR_V11_trimmed.sfc
Met Version: 22112
Profile file: Belcaro.dat\SCLR_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01						

```
1.00    0.91  163.   10.0  279.6    9.0
 18 01 01   1 04   -3.6  0.083 -9.000 -9.000 -999.   58.     14.1  0.09   2.01
1.00    1.06  130.   10.0  278.9    9.0
 18 01 01   1 05   -4.0  0.088 -9.000 -9.000 -999.   63.     14.6  0.09   2.01
1.00    1.14  141.   10.0  278.8    9.0
 18 01 01   1 06   -2.5  0.076 -9.000 -9.000 -999.   50.     15.2  0.17   2.01
1.00    0.73  173.   10.0  278.0    9.0
 18 01 01   1 07   -4.0  0.087 -9.000 -9.000 -999.   62.     14.5  0.09   2.01
1.00    1.13  136.   10.0  277.7    9.0
 18 01 01   1 08   -2.4  0.072 -9.000 -9.000 -999.   47.     13.7  0.09   2.01
0.59    0.89  133.   10.0  278.6    9.0
 18 01 01   1 09   24.8  0.157  0.329  0.017   50.  149.    -13.6  0.31   2.01
0.35    0.97  314.    7.9  282.4    9.0
 18 01 01   1 10   89.7  0.133  0.759  0.015  170.  117.     -2.3  0.03   2.01
0.27    1.33   19.    7.9  288.8    9.0
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	369830.38	369887.63	369944.88	370002.13	370059.38	370116.63	370173.88	370231.13	370288.38
3811011.02	1.04636	1.14141	0.98448	0.94871	0.98496	1.12014	1.05197	0.87595	1.09203
3810987.40	1.09880	1.17431	0.98575	0.96370	1.00017	1.13065	1.12354	0.98497	1.12590
3810963.78	1.13495	1.20772	0.96851	0.98812	1.01941	1.10248	1.18441	1.11207	1.12050
3810940.16	1.16479	1.24533	0.96526	1.01737	1.04192	1.08929	1.22407	1.18877	1.10800
3810916.54	1.23705	1.28717	0.99098	1.01898	1.07746	1.10690	1.22531	1.26299	1.13553
3810892.92	1.32069	1.10711	1.01444	1.04318	1.11564	1.14354	1.19221	1.27247	1.16885
3810869.30	1.35599	1.00885	1.04052	1.06792	1.11946	1.20572	1.17704	1.23250	1.20773
3810845.68	1.40216	1.03999	1.06867	1.09571	1.13414	1.30326	1.20286	1.22705	1.24907
3810822.06	1.43515	1.07787	1.09852	1.12083	1.16856	1.41991	1.24206	1.26730	1.29173

```
  3810798.44 |       1.45500      1.16330      1.12543      1.15142      1.20142
 1.46815      1.28449      1.31025      1.33491
  3810774.82 |       1.42704      1.14036      1.15483      1.18563      1.23026
 1.41955      1.35222      1.35403      1.37898
  3810751.20 |       1.39630      1.13982      1.17773      1.22053      1.26854
 1.33403      1.43009      1.39867      1.42603
  3810727.58 |       1.42300      1.16472      1.20396      1.25653      1.30908
 1.35822      1.40388      1.44344      1.47907
  3810703.96 |       1.31867      1.18995      1.23937      1.29663      1.35221
 1.40468      1.45331      1.49718      1.53583
  3810680.34 |       1.20665      1.21750      1.27249      1.33567      1.39685
 1.45426      1.50642      1.55383      1.59582
  3810656.72 |       1.18817      1.25272      1.30994      1.37806      1.44399
 1.50646      1.56268      1.61409      1.65947
  3810633.10 |       1.20740      1.28791      1.35057      1.42356      1.49346
 1.55904      1.62210      1.67768      1.72684
  3810609.48 |       1.23763      1.31943      1.39377      1.47206      1.54683
 1.61594      1.68347      1.74571      1.80018
  3810585.86 |       1.27136      1.36026      1.44063      1.52425      1.60561
 1.67943      1.75104      1.81717      1.87699
  3810562.24 |       1.30516      1.40066      1.49005      1.57995      1.66707
 1.74692      1.82373      1.89492      1.95906
  3810538.62 |       1.34200      1.44387      1.54482      1.64116      1.73224
 1.81813      1.89997      1.97688      2.04740
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:51:32

                                 PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

    Y-COORD  |                                              X-COORD (METERS)
```

```
    (METERS) |     370345.63    370402.88    370460.13    370517.38    370574.63
370631.88    370689.13    370746.38    370803.63
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3811011.02 |       1.04571      1.05259      1.05678      1.05133      1.04390
 0.93253      0.67411      0.64052      0.84203
  3810987.40 |       1.06820      1.08292      1.08483      1.08261      1.07738
 0.93127      0.66928      0.69444      0.90658
  3810963.78 |       1.09297      1.11669      1.11001      1.11433      1.11355
 0.92931      0.82566      0.81490      0.96289
  3810940.16 |       1.11983      1.13483      1.14329      1.14573      1.15083
 1.00529      1.00908      0.87013      1.03299
  3810916.54 |       1.15194      1.16860      1.16962      1.17774      1.18512
 1.15565      1.04439      0.87419      1.08621
  3810892.92 |       1.18323      1.20921      1.20406      1.21595      1.22367
 1.21379      1.01463      0.91296      1.13239
  3810869.30 |       1.22433      1.24642      1.24222      1.25779      1.26576
 1.26114      1.00496      1.06243      1.18202
  3810845.68 |       1.26642      1.27853      1.28660      1.28953      1.29109
 1.29549      1.16333      1.23905      1.23545
  3810822.06 |       1.30983      1.32542      1.33369      1.33743      1.33617
 1.35208      1.33033      1.30972      1.28263
  3810798.44 |       1.35574      1.37543      1.38447      1.38930      1.38755
 1.38334      1.37114      1.35624      1.33153
  3810774.82 |       1.40307      1.42749      1.43909      1.44466      1.44203
 1.43702      1.42412      1.40681      1.38308
  3810751.20 |       1.45404      1.48029      1.49571      1.50247      1.49847
 1.49446      1.47937      1.46048      1.43692
  3810727.58 |       1.50956      1.53550      1.55391      1.56300      1.55925
 1.55457      1.53747      1.52027      1.49409
  3810703.96 |       1.56857      1.59524      1.61483      1.62723      1.62349
 1.61881      1.60404      1.58376      1.55669
  3810680.34 |       1.63120      1.66024      1.68149      1.69558      1.69258
 1.68645      1.67513      1.65083      1.62308
  3810656.72 |       1.69834      1.72987      1.75348      1.76969      1.76671
 1.76291      1.75062      1.72234      1.69311
  3810633.10 |       1.76938      1.80449      1.83045      1.84931      1.84684
 1.84114      1.83266      1.80139      1.76952
  3810609.48 |       1.84608      1.88408      1.91289      1.93159      1.93908
 1.93384      1.91942      1.88685      1.85186
  3810585.86 |       1.92757      1.96966      2.00142      2.02216      2.03098
 2.02822      2.01223      1.97876      1.94032
  3810562.24 |       2.01537      2.06098      2.09620      2.12018      2.13086
 2.12773      2.10966      2.07815      2.03428
  3810538.62 |       2.10879      2.15825      2.19856      2.22484      2.23749
 2.23743      2.21969      2.18610      2.13775
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	370860.88	370918.13	370975.38
3811011.02	0.91583	0.87968	0.84649
3810987.40	0.95712	0.91217	0.87364
3810963.78	0.99373	0.95031	0.90955
3810940.16	1.03035	0.98720	0.94734
3810916.54	1.06902	1.03111	0.97615
3810892.92	1.11021	1.07676	1.00293
3810869.30	1.15292	1.11974	1.04075
3810845.68	1.19765	1.15693	1.08310
3810822.06	1.24633	1.20356	1.12773
3810798.44	1.29722	1.25402	1.17388
3810774.82	1.34768	1.30271	1.22362
3810751.20	1.40149	1.33315	1.26516
3810727.58	1.46001	1.38526	1.31963
3810703.96	1.51979	1.45321	1.37108
3810680.34	1.58192	1.52457	1.40795
3810656.72	1.65375	1.58213	1.44796
3810633.10	1.72919	1.65995	1.55016
3810609.48	1.80878	1.74006	1.65211
3810585.86	1.89364	1.82488	1.74632
3810562.24	1.98523	1.92491	1.84977
3810538.62	2.08573	2.02016	1.95174

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3809976.00 1.12841
369605.72 3809924.64 1.18610 369582.52
3809900.89 1.12659
369569.27 3809889.85 1.09692 369572.58
3809851.74 1.09076
369644.93 3809844.01 1.23704 369547.15
3809949.26 1.06900
369553.73 3809870.86 1.06242 369418.99
3809914.05 0.86519
369458.42 3809936.59 0.91969 369440.12
3809897.62 0.89141
369467.81 3809779.32 0.91052 369479.55
3809794.34 0.92946
369392.86 3809713.99 0.81170 369360.75
3809699.46 0.77693
369328.65 3809685.70 0.74484 369306.48
3809678.06 0.72437
369283.54 3809667.35 0.70396 369232.33
3809641.36 0.66181
369980.12 3809692.94 2.12315 370026.93
3809699.38 2.34751
370079.51 3809693.96 2.61958 370091.72
3809615.60 2.53133
370145.99 3809655.97 2.97817 370123.94
3809672.59 2.85825
370150.06 3809688.19 3.08876 370023.54
3809587.79 2.14103
370249.45 3809837.44 4.82307 370178.89
3809761.80 3.53457
370248.09 3809727.20 4.26526 370336.62
3809715.33 6.25730
370286.08 3809697.69 4.80847 370257.59
3809698.37 4.30745
370251.14 3809682.42 4.14939 370243.34
3809666.48 3.98050
370322.72 3809462.96 3.87170 370282.69
3809511.81 3.73495
370276.58 3809492.47 3.55655 370316.61
3809519.95 4.21445
370303.04 3809534.53 4.13000 370357.65
3809451.43 4.19458
370303.04 3809441.25 3.39409 370346.80
3809400.55 3.67759
370221.18 3809202.48 1.78693 370273.46
3809203.67 2.23431
370267.07 3809185.72 2.14057 370270.27
3809174.14 2.09567
370175.69 3809169.35 1.75340 370287.82
3809091.14 1.80135
370291.02 3809145.81 2.03934 370324.14

3809113.08   2.10198
         370419.52   3809169.75   2.13715   370681.03
3809053.46   4.85638
         370646.62   3809058.81   4.04204   370531.18
3808958.65   1.83779
         370666.50   3808993.82   3.95837   370894.33
3808756.05   1.62946

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

370874.41 3808569.29 0.84659 370840.52
3808484.84 0.63882
370851.80 3808498.06 0.66249 370879.99
3808515.44 0.72361
370898.21 3808516.27 0.73018 370935.22
3808545.76 0.82518
370961.46 3808520.09 0.77932 370950.21
3808599.11 0.91305
370976.74 3808579.21 0.85400 371005.87
3808565.08 0.82240
370985.68 3808501.06 0.75495 371017.40
3808483.75 0.73364
371008.75 3808407.62 0.61231 370993.18
3808387.72 0.59010
371034.13 3808428.67 0.64545 371055.18
3808455.78 0.69172
371088.06 3808507.98 0.74788 371058.35
3808518.94 0.76469
371115.45 3808481.74 0.72084 371137.37
3808466.45 0.69436
371100.17 3808421.75 0.65572 371079.98
3808390.03 0.61080
371134.49 3808396.66 0.62353 371165.13
3808446.74 0.66298
371193.07 3808427.18 0.63918 371223.01
3808384.87 0.59046
371155.55 3808372.50 0.59552 368902.32
3809559.34 0.46998
368914.92 3809508.95 0.47227 368977.91
3809507.62 0.50083
368991.84 3809508.28 0.50754 369007.75
3809507.62 0.51526
369013.72 3809539.45 0.52063 368989.85
3809589.84 0.51174
368959.35 3809587.85 0.49710 368944.76
3809570.61 0.48937
368946.75 3809589.84 0.49140 368920.89
3809591.17 0.47969
368886.41 3809584.54 0.46419 368840.66
3809546.08 0.44373
368828.06 3809567.96 0.43980 368857.24
3809604.43 0.45281
368849.94 3809583.21 0.44909 368889.06
3809531.49 0.46305
368943.44 3809534.14 0.48669 369042.23
3809534.14 0.53550
369050.19 3809494.36 0.53628 369101.25
3809517.57 0.56585
371577.13 3809136.38 1.21766 371596.68
3809150.55 1.18378

```
         371671.94    3809131.00        0.98416                      371673.40
3809089.46        0.96086
         371606.45    3809066.49        1.08079                      371697.35
3809039.62        0.89363
         371794.11    3809137.84        0.73306                      371742.79
3809158.37        0.85392
         371734.49    3809204.79        0.88934                      371603.03
3809300.08        1.19398
         371437.37    3809299.11        1.99714                      371451.05
3809327.94        1.90639
         371971.50    3809120.25        0.52685                      371941.20
3809159.83        0.53277
         371967.59    3809162.76        0.50279                      372187.50
3809236.07        0.33942
         372196.78    3809244.86        0.33635

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                   PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       369830.38              369887.63              369944.88
      370002.13              370059.38
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 3811011.0 |     11.74891 (20032002)     12.75108 (21020904)      9.65806 (21020823)
     9.32569 (21020823)      9.75342 (21020823)
 3810987.4 |     12.15653 (20032002)     12.52652 (21020904)      9.42248 (21020823)
```

```
    9.30965 (21020823)      9.68001 (21020823)
 3810963.8 |     12.35983 (20032002)     12.54447 (21072004)      8.97324 (21020823)
    9.39026 (21020823)      9.73100 (21020823)
 3810940.2 |     12.45969 (20032002)     12.65623 (21072004)      8.63410 (21020823)
    9.49783 (21020823)      9.79569 (21020823)
 3810916.5 |     12.88286 (20032002)     12.80766 (21020904)      8.64699 (21020823)
    9.20693 (21020823)      9.99872 (21020823)
 3810892.9 |     13.04916 (21020808)      9.30489 (21040622)      8.57478 (21020823)
    9.13829 (21020823)     10.18963 (21020823)
 3810869.3 |     13.32805 (21020808)      7.76183 (21020823)      8.54285 (21020823)
    9.06127 (21020823)      9.98749 (21020823)
 3810845.7 |     13.52491 (21020808)      7.72835 (21020823)      8.50911 (21020823)
    9.01908 (21020823)      9.63700 (21020823)
 3810822.1 |     13.75075 (21020808)      7.78961 (22091106)      8.47301 (21020823)
    8.81094 (21020823)      9.73795 (21020823)
 3810798.4 |     13.77080 (21020808)      8.71070 (22091106)      8.37118 (21020823)
    8.71717 (21020823)      9.71647 (21020823)
 3810774.8 |     13.10387 (21020808)      8.13476 (22091106)      8.28805 (21020823)
    8.69541 (21020823)      9.46638 (21020823)
 3810751.2 |     12.08851 (22072401)      7.78578 (22091106)      8.06281 (21020823)
    8.65701 (21020823)      9.43321 (21020823)
 3810727.6 |     12.13990 (22051705)      7.75135 (22091106)      7.71117 (21020823)
    8.58052 (21020823)      9.43007 (21020823)
 3810704.0 |     10.45309 (22051705)      7.73350 (21040923)      7.64378 (22091106)
    8.55480 (21020823)      9.44137 (21020823)
 3810680.3 |      8.49149 (21040923)      7.72727 (21040923)      7.75631 (22091106)
    8.49404 (21020823)      9.43055 (21020823)
 3810656.7 |      7.77126 (21040923)      7.87054 (21040923)      7.89102 (21040923)
    8.39550 (21020823)      9.38869 (21020823)
 3810633.1 |      7.70750 (21040923)      8.00533 (21040923)      8.06241 (21040923)
    8.30221 (21020823)      9.31198 (21020823)
 3810609.5 |      7.79917 (21040923)      8.12129 (21040923)      8.22489 (21040923)
    8.33938 (22091106)      9.25226 (21020823)
 3810585.9 |      7.99539 (21091522)      8.24786 (21040923)      8.39331 (21040923)
    8.54227 (21040923)      9.23215 (21020823)
 3810562.2 |      8.12783 (21091522)      8.28737 (21040923)      8.53442 (21040923)
    8.74551 (21040923)      9.15935 (21020823)
 3810538.6 |      8.26758 (21091522)      8.38295 (21091522)      8.69477 (21040923)
    8.95932 (21040923)      9.08130 (21040923)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                  PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
```

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       370116.63               370173.88              370231.13
      370288.38              370345.63
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 3811011.0 |     12.92006 (22011904)     13.10600 (22011904)     12.10258 (21072806)
    12.95450 (22011904)      8.15129 (21020823)
 3810987.4 |     11.80409 (21020823)     13.67435 (22011904)     12.86492 (21072806)
    11.47745 (22011904)      8.17005 (21020823)
 3810963.8 |     10.81954 (21020823)     13.87835 (22011904)     13.47412 (22011904)
     9.72685 (21020823)      8.16801 (21020823)
 3810940.2 |     10.23420 (21020823)     13.25574 (22011904)     14.08102 (22011904)
     8.75531 (21020823)      8.17342 (21020823)
 3810916.5 |     10.18686 (21020823)     11.90843 (21020823)     13.93477 (22011904)
     8.82954 (21020823)      8.32849 (21020823)
 3810892.9 |     10.40042 (21020823)     10.84846 (21020823)     11.90932 (21020823)
     9.00207 (21020823)      8.36308 (21020823)
 3810869.3 |     10.97201 (21020823)     10.26283 (21020823)     10.57032 (21020823)
     9.28427 (21020823)      8.65633 (21020823)
 3810845.7 |     11.86239 (21020823)     10.32276 (21020823)     10.00982 (21020823)
     9.56819 (21020823)      8.94762 (21020823)
 3810822.1 |     12.85943 (21020823)     10.55496 (21020823)     10.21691 (21020823)
     9.84391 (21020823)      9.25469 (21020823)
 3810798.4 |     12.93980 (21020823)     10.80441 (21020823)     10.46052 (21020823)
    10.08098 (21020823)      9.57018 (21020823)
 3810774.8 |     12.05145 (21020823)     11.30798 (21020823)     10.64394 (21020823)
    10.29924 (21020823)      9.86688 (21020823)
 3810751.2 |     10.82770 (21020823)     11.80719 (21020823)     10.78897 (21020823)
    10.55415 (21020823)     10.17444 (21020823)
 3810727.6 |     10.17201 (21020823)     10.73808 (21020823)     10.90731 (21020823)
    10.82767 (21020823)     10.50449 (21020823)
 3810704.0 |     10.22134 (21020823)     10.80979 (21020823)     11.08509 (21020823)
    11.07411 (21020823)     10.84417 (21020823)
 3810680.3 |     10.30270 (21020823)     10.94024 (21020823)     11.28864 (21020823)
    11.33090 (21020823)     11.18060 (21020823)
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 3810656.7 | 10.33901 (21020823)   11.04714 (21020823)   11.49708 (21020823)
    11.59490 (21020823)   11.47106 (21020823)
 3810633.1 | 10.22754 (21020823)   11.04615 (21020823)   11.64179 (21020823)
    11.83175 (21020823)   11.63941 (21020823)
 3810609.5 | 10.19230 (21020823)   11.07048 (21020823)   11.71361 (21020823)
    12.03692 (21020823)   11.97221 (21020823)
 3810585.9 | 10.22324 (21020823)   11.15341 (21020823)   11.85639 (21020823)
    12.26237 (21020823)   12.34703 (21020823)
 3810562.2 | 10.22640 (21020823)   11.23280 (21020823)   12.02550 (21020823)
    12.50435 (21020823)   12.70440 (21020823)
 3810538.6 | 10.18278 (21020823)   11.25064 (21020823)   12.14155 (21020823)
    12.74892 (21020823)   12.97701 (21020823)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

  Y-COORD | X-COORD (METERS)
  (METERS) | 370402.88   370460.13   370517.38
      370574.63   370631.88
 -
- -

 3811011.0 | 8.02310 (23050504)   8.05765 (23050504)   7.85947 (18051806)
     8.25910 (18072603)   12.14786 (20092724)
 3810987.4 | 8.03542 (23050504)   7.92147 (23050504)   7.86965 (18051806)
     8.13629 (23102423)   12.32278 (20092724)
 3810963.8 | 8.13518 (23050504)   7.60662 (18051806)   7.87257 (18051806)
     8.33670 (23102423)   12.35095 (20092724)
 3810940.2 | 7.74636 (21020823)   7.61569 (18051806)   7.76605 (18051806)

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    8.35883 (23102423)     12.60770 (20092724)
 3810916.5 |      7.91092 (21020823)      7.52566 (18051806)      7.67835 (18051806)
    8.16489 (18051806)     10.83780 (20100922)
 3810892.9 |      8.26267 (21020823)      7.54599 (18051806)      7.77327 (18051806)
    8.17635 (18051806)      8.17695 (23102423)
 3810869.3 |      8.41473 (21020823)      7.61806 (18051806)      7.89527 (18051806)
    8.24679 (18051806)      8.64912 (23102423)
 3810845.7 |      8.26335 (21020823)      7.74067 (18051806)      7.70910 (18051806)
    7.65755 (18051806)     10.88688 (18072603)
 3810822.1 |      8.59419 (21020823)      7.90187 (18051806)      7.85717 (18051806)
    7.72262 (18051806)      8.68162 (18051806)
 3810798.4 |      8.93607 (21020823)      8.14592 (21020823)      8.02317 (18051806)
    7.92281 (18051806)      8.05995 (21041304)
 3810774.8 |      9.28289 (21020823)      8.49783 (21020823)      8.19515 (18051806)
    8.12926 (18051806)      8.18895 (21041304)
 3810751.2 |      9.62566 (21020823)      8.86387 (21020823)      8.33966 (18051806)
    8.29461 (18051806)      8.35065 (21041304)
 3810727.6 |      9.97752 (21020823)      9.23716 (21020823)      8.49353 (18051806)
    8.48523 (18051806)      8.50469 (21041304)
 3810704.0 |     10.31956 (21020823)      9.61284 (21020823)      8.76845 (21020823)
    8.68039 (18051806)      8.67202 (21041304)
 3810680.3 |     10.67519 (21020823)      9.97652 (21020823)      9.16901 (21020823)
    8.89161 (18051806)      8.84508 (21041304)
 3810656.7 |     11.04279 (21020823)     10.36207 (21020823)      9.57800 (21020823)
    9.12569 (18051806)      8.99961 (21041304)
 3810633.1 |     11.46109 (21020823)     10.79822 (21020823)     10.00213 (21020823)
    9.37516 (18051806)      9.21695 (21041304)
 3810609.5 |     11.78976 (21020823)     11.20826 (21020823)     10.44364 (21020823)
    9.54400 (18051806)      9.32023 (21041304)
 3810585.9 |     12.14243 (21020823)     11.60636 (21020823)     10.85132 (21020823)
    9.96276 (21020823)      9.54465 (18051806)
 3810562.2 |     12.53505 (21020823)     12.02452 (21020823)     11.30131 (21020823)
   10.41636 (21020823)      9.81270 (18051806)
 3810538.6 |     12.86923 (21020823)     12.47930 (21020823)     11.70862 (21020823)
   10.79882 (21020823)     10.05651 (18051806)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:51:32

                                  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       370689.13               370746.38              370803.63
      370860.88               370918.13
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 3811011.0 |     11.02741 (22011801)     11.58252 (22011801)     13.18928 (22011801)
    10.41692 (22011801)     10.83606 (22011801)
 3810987.4 |     10.82176 (22011801)     12.07717 (22011801)     12.82354 (22011801)
     9.81949 (22011801)     10.73846 (22011801)
 3810963.8 |     12.27053 (22011801)     13.05122 (22011801)     12.36122 (22011801)
     9.54656 (22110204)     10.44942 (22011801)
 3810940.2 |     12.56284 (20092724)     13.31948 (22011801)     10.77200 (22011801)
     9.54157 (22110204)     10.24566 (22011801)
 3810916.5 |     12.72207 (20092724)     13.34526 (22011801)     10.17055 (22110204)
     9.46130 (22110204)      9.62959 (22011801)
 3810892.9 |     13.08383 (22011801)     13.53211 (22011801)      9.96443 (22110204)
     9.40915 (22110204)      9.07031 (22110204)
 3810869.3 |     13.13260 (22011801)     13.64129 (22011801)      9.55753 (22110204)
     9.38879 (22110204)      9.00352 (22110204)
 3810845.7 |     13.22235 (20092724)     10.76091 (20100922)      9.06077 (21041304)
     9.44965 (22110204)      9.25092 (22110204)
 3810822.1 |      9.81106 (18072603)      8.88234 (21041304)      9.03476 (21041304)
     9.36209 (22110204)      9.30609 (22110204)
 3810798.4 |      8.27942 (21041304)      8.58988 (21041304)      9.06096 (21041304)
     9.27240 (21041304)      9.36029 (21041204)
 3810774.8 |      8.41598 (21041304)      8.68459 (21041304)      9.08460 (21041304)
     9.35303 (21041304)      9.52901 (21041204)
 3810751.2 |      8.51131 (21041304)      8.73049 (21041304)      9.02108 (21041304)
     9.46993 (21041304)     10.27314 (22110204)
 3810727.6 |      8.62608 (21041304)      8.89635 (21041304)      9.06417 (21041304)
     9.52588 (21041304)     10.51576 (22110204)
 3810704.0 |      8.79505 (21041304)      9.03197 (21041304)      9.28001 (21041304)
     9.76685 (21041304)     10.43397 (22110204)
 3810680.3 |      8.96772 (21041304)      9.13110 (21041304)      9.52796 (21041304)
    10.10275 (21041304)     10.32934 (21041204)
 3810656.7 |      9.15524 (21041304)      9.24209 (21041304)      9.38107 (21041304)
    10.09626 (21041304)     10.83759 (22110204)
 3810633.1 |      9.33976 (21041304)      9.44193 (21041304)      9.58639 (21041304)
    10.20857 (21041304)     10.81482 (22110204)
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 3811011.0 | 10.56756 (22011801)
 3810987.4 | 10.66931 (22011801)
 3810963.8 | 10.45020 (22011801)
 3810940.2 | 10.22620 (22011801)
 3810916.5 | 10.47851 (22011801)
 3810892.9 | 10.86579 (22011801)
 3810869.3 | 10.89128 (22011801)
 3810845.7 | 10.78562 (22011801)
 3810822.1 | 10.63247 (22011801)
 3810798.4 | 10.57583 (22011801)
 3810774.8 | 10.42665 (22011801)
 3810751.2 | 10.85100 (22011801)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        369706.23   3810117.39   9.77954 (23123116)   369743.24
3810115.18   12.26611 (23123116)
        369776.37   3810114.07   15.58250 (23123116)   369764.77
3810038.41   9.08734 (23123116)
        369800.67   3810035.10   8.69135 (23123116)   369844.86
3810022.39   13.02979 (21020617)
        369794.60   3809992.02   6.15896 (23123116)   369730.53
3809987.60   5.80536 (23123116)
        369696.29   3810008.59   6.35457 (23123116)   369671.44
3809990.91   5.70130 (23123116)
        369652.11   3809978.21   5.37232 (23123116)   369674.75
3809960.54   5.27845 (23123116)

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        369698.50   3809901.44        5.34836  (23123116)                369638.85
3809965.51        5.15297  (23123116)
        369659.84   3809939.00        5.08957  (23123116)                369669.78
3809936.79        5.13635  (23123116)
        369680.27   3809925.19        5.18571  (23123116)                369728.32
3810148.31        9.00819  (23123116)
        369666.47   3810112.42        8.14854  (23123116)                369637.20
3810096.95        7.32080  (23123116)
        369648.79   3810040.62        6.79056  (23123116)                369616.76
3810011.90        5.69622  (23123116)
        369571.48   3810013.00        5.27160  (23123116)                369573.68
3809976.00        4.89547  (23123116)
        369605.72   3809924.64        4.78230  (23123116)                369582.52
3809900.89        4.65048  (23123116)
        369569.27   3809889.85        4.58772  (23123116)                369572.58
3809851.74        4.65809  (23123116)
        369644.93   3809844.01        5.13996  (23123116)                369547.15
3809949.26        4.57968  (23123116)
        369553.73   3809870.86        4.52563  (23123116)                369418.99
3809914.05        4.00617  (18120420)
        369458.42   3809936.59        4.12620  (18120420)                369440.12
3809897.62        4.07815  (18120420)
        369467.81   3809779.32        4.15781  (23123116)                369479.55
3809794.34        4.21495  (23123116)
        369392.86   3809713.99        3.80199  (18120420)                369360.75
3809699.46        3.67907  (18120420)
        369328.65   3809685.70        3.56095  (18120420)                369306.48
3809678.06        3.48701  (18120420)
        369283.54   3809667.35        3.40607  (18120420)                369232.33
3809641.36        3.22638  (18120420)
        369980.12   3809692.94        9.19434  (23123116)                370026.93
3809699.38       10.25208  (23123116)
        370079.51   3809693.96       11.53238  (23123116)                370091.72
3809615.60       10.28595  (23123116)
        370145.99   3809655.97       12.89902  (23123116)                370123.94
3809672.59       12.52625  (23123116)
        370150.06   3809688.19       13.75352  (23123116)                370023.54
3809587.79        8.24826  (23123116)
        370249.45   3809837.44       22.78966  (23120522)                370178.89
3809761.80       15.77607  (23123116)
        370248.09   3809727.20       19.49142  (23123116)                370336.62
3809715.33       27.74969  (23123116)
        370286.08   3809697.69       21.79933  (23123116)                370257.59
3809698.37       19.57531  (23123116)
        370251.14   3809682.42       18.71819  (23123116)                370243.34
3809666.48       17.73011  (23123116)
        370322.72   3809462.96       15.20545  (21123018)                370282.69
3809511.81       14.96412  (21123018)
        370276.58   3809492.47       14.73431  (21123018)                370316.61
3809519.95       16.00798  (21123018)
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        370303.04   3809534.53       15.75403  (21123018)                370357.65
3809451.43       15.50734  (21123018)
        370303.04   3809441.25       15.49651  (21123018)                370346.80
3809400.55       14.30590  (20121108)
        370221.18   3809202.48       16.44404  (20040404)                370273.46
3809203.67       12.82578  (20121108)
        370267.07   3809185.72       12.83841  (20121108)                370270.27
3809174.14       13.16389  (20121108)
        370175.69   3809169.35       12.32829  (20040404)                370287.82
3809091.14       15.07031  (21102924)
        370291.02   3809145.81       14.25935  (21102924)                370324.14
3809113.08       13.20049  (21102924)
        370419.52   3809169.75       17.91465  (20032005)                370681.03
3809053.46       22.71779  (20041005)
        370646.62   3809058.81       20.08072  (20041005)                370531.18
3808958.65       19.22868  (21040403)
        370666.50   3808993.82       21.38374  (20041005)                370894.33
3808756.05       17.76644  (21040306)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:51:32

                                 PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370896.63   3808724.70       17.04963  (21040306)                370645.72
3808489.87       15.71597  (23071506)
        370664.35   3808490.12       15.79588  (23071506)                370713.62
```

```
3808491.34       14.18509  (23071506)
        370696.21   3808501.39       15.29109  (23071506)                370743.52
3808496.25       13.79017  (18033101)
        370748.42   3808518.55       14.14517  (18033101)                370750.38
3808510.22       13.97252  (21120318)
        370769.50   3808518.55       14.19096  (21120318)                370792.05
3808532.28       14.11862  (21120318)
        370812.15   3808529.09       13.63531  (21120318)                370781.76
3808507.03       13.98347  (21120318)
        370835.44   3808557.52       13.56416  (21120318)                370843.28
3808550.17       13.53534  (20041003)
        370874.41   3808569.29       13.81281  (20041003)                370840.52
3808484.84       12.79881  (22011818)
        370851.80   3808498.06       12.83932  (20041003)                370879.99
3808515.44       13.15763  (20041003)
        370898.21   3808516.27       13.15674  (20041003)                370935.22
3808545.76       13.72651  (20041003)
        370961.46   3808520.09       13.40078  (20031303)                370950.21
3808599.11       14.11457  (20031303)
        370976.74   3808579.21       14.11924  (18013017)                371005.87
3808565.08       14.31342  (18013017)
        370985.68   3808501.06       13.30937  (18013017)                371017.40
3808483.75       13.55731  (18013017)
        371008.75   3808407.62       12.31984  (18013017)                370993.18
3808387.72       12.16789  (20031303)
        371034.13   3808428.67       12.97927  (18013017)                371055.18
3808455.78       13.60721  (18013017)
        371088.06   3808507.98       14.33284  (18013017)                371058.35
3808518.94       14.31291  (18013017)
        371115.45   3808481.74       14.15852  (18013017)                371137.37
3808466.45       13.97780  (18013017)
        371100.17   3808421.75       13.56940  (18013017)                371079.98
3808390.03       13.05223  (18013017)
        371134.49   3808396.66       13.40488  (18013017)                371165.13
3808446.74       13.70340  (18013017)
        371193.07   3808427.18       13.42599  (18013017)                371223.01
3808384.87       12.92364  (18013017)
        371155.55   3808372.50       13.18699  (18013017)                368902.32
3809559.34        2.41504  (18120420)
        368914.92   3809508.95        2.28971  (18120420)                368977.91
3809507.62        2.37597  (18120420)
        368991.84   3809508.28        2.39828  (18120420)                369007.75
3809507.62        2.41956  (18120420)
        369013.72   3809539.45        2.52831  (18120420)                368989.85
3809589.84        2.62860  (18120420)
        368959.35   3809587.85        2.57566  (18120420)                368944.76
3809570.61        2.50780  (18120420)
        368946.75   3809589.84        2.56136  (18120420)                368920.89
3809591.17        2.52328  (18120420)
        368886.41   3809584.54        2.45169  (18120420)                368840.66
```

3809546.08   2.29081 (18120420)
        368828.06   3809567.96   2.32775 (18120420)   368857.24
3809604.43   2.45237 (18120420)
        368849.94   3809583.21   2.39475 (18120420)   368889.06
3809531.49   2.32376 (18120420)
        368943.44   3809534.14   2.40594 (18120420)   369042.23
3809534.14   2.56440 (18120420)
        369050.19   3809494.36   2.44666 (18123117)   369101.25
3809517.57   2.59908 (18120420)
        371577.13   3809136.38   17.21929 (20010206)   371596.68
3809150.55   17.09664 (20010206)
        371671.94   3809131.00   16.04167 (18120522)   371673.40
3809089.46   15.93079 (20010206)
        371606.45   3809066.49   16.42429 (21122219)   371697.35
3809039.62   15.37603 (20010206)
        371794.11   3809137.84   14.86245 (22021422)   371742.79
3809158.37   15.51411 (20012220)
        371734.49   3809204.79   15.52041 (22021422)   371603.03
3809300.08   17.18312 (22021422)
        371437.37   3809299.11   20.45177 (18121018)   371451.05
3809327.94   20.37803 (18121018)
        371971.50   3809120.25   12.54233 (22021422)   371941.20
3809159.83   12.30408 (22021422)
        371967.59   3809162.76   11.97213 (22020120)   372187.50
3809236.07   10.48559 (18010718)
        372196.78   3809244.86   10.38326 (18010718)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

                      NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

ALL   1ST HIGHEST VALUE IS   6.25730 AT (370336.62, 3809715.33,   489.60,

```
 1482.08,    0.00)  DC
         2ND HIGHEST VALUE IS       4.85638 AT (  370681.03,  3809053.46,   506.96,
 1482.08,    0.00)  DC
         3RD HIGHEST VALUE IS       4.82307 AT (  370249.45,  3809837.44,   506.47,
 1482.08,    0.00)  DC
         4TH HIGHEST VALUE IS       4.80847 AT (  370286.08,  3809697.69,   489.14,
 1482.08,    0.00)  DC
         5TH HIGHEST VALUE IS       4.30745 AT (  370257.59,  3809698.37,   488.51,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS       4.26526 AT (  370248.09,  3809727.20,   487.76,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS       4.21445 AT (  370316.61,  3809519.95,   492.25,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS       4.19458 AT (  370357.65,  3809451.43,   493.83,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS       4.14939 AT (  370251.14,  3809682.42,   488.73,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS       4.13000 AT (  370303.04,  3809534.53,   491.83,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                   PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                    DATE
                                         NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      27.74969  ON 23123116: AT (  370336.62,
3809715.33,   489.60,  1482.08,    0.00)  DC
```

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   4 Warning Message(s)
A Total of   885 Informational Message(s)

A Total of   43824 Hours Were Processed

A Total of   217 Calm Hours Identified

A Total of   668 Missing Hours Identified (1.52 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
ME W186   3163   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   3163   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
20010101
MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

   ****
   *** AERMOD Finishes Successfully ***
   ****

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 -
- -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE = F
      * Model Uses NO WET DEPLETION. WETDPLT = F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for 1490 Source(s),
        for Total of   1 Urban Area(s):
   Urban Population =   9663345.0 ; Urban Roughness Length = 1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates 1 Short Term Average(s) of: 1-HR
     and Calculates PERIOD Averages

 **This Run Includes: 1490 Source(s);   1 Source Group(s); and   600
Receptor(s)

                with: 0 POINT(s), including
                           0 POINTCAP(s) and   0 POINTHOR(s)
                 and: 1490 VOLUME source(s)
                 and: 0 AREA type source(s)
                 and: 0 LINE source(s)
                 and: 0 RLINE/RLINEXT source(s)
                 and: 0 OPENPIT source(s)
                 and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                 and: 0 SWPOINT source(s)

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro.err

 **File for Summary of Results:   Belcaro.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: Belcaro.dat\SCLR_V11_trimmed.sfc
Met Version: 22112
Profile file: Belcaro.dat\SCLR_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0
18	01	01	1	13	160.9	0.252	1.349	0.007	530.	304.	-8.7	0.05	2.01	0.23	2.60	45.	10.0	298.6	9.0
18	01	01	1	14	137.1	0.304	1.368	0.006	648.	402.	-17.8	0.05	2.01	0.24	3.35	63.	10.0	298.6	9.0
18	01	01	1	15	98.3	0.270	1.273	0.006	729.	337.	-17.3	0.05	2.01	0.28	2.96	65.	10.0	298.6	9.0
18	01	01	1	16	38.6	0.184	0.941	0.006	748.	193.	-14.1	0.05	2.01	0.36	1.98	60.	10.0	297.6	9.0
18	01	01	1	17	-6.2	0.111	-9.000	-9.000	-999.	91.	19.4	0.05	2.01	0.62	1.62	36.	10.0	296.0	9.0
18	01	01	1	18	-2.4	0.073	-9.000	-9.000	-999.	47.	13.8	0.10	2.01	1.00	0.84	325.	10.0	293.8	9.0
18	01	01	1	19	-4.0	0.091	-9.000	-9.000	-999.	65.	16.3	0.17	2.01	1.00	1.00	159.	10.0	290.5	9.0
18	01	01	1	20	-5.3	0.100	-9.000	-9.000	-999.	76.	16.7	0.09	2.01	1.00	1.32	124.	10.0	287.2	9.0
18	01	01	1	21	-6.3	0.110	-9.000	-9.000	-999.	88.	18.3	0.09	2.01	1.00	1.44	128.	10.0	285.8	9.0
18	01	01	1	22	-3.6	0.084	-9.000	-9.000	-999.	59.	14.3	0.09	2.01	1.00	1.08	136.	10.0	285.4	9.0
18	01	01	1	23	-5.3	0.100	-9.000	-9.000	-999.	76.	16.5	0.08	2.01						

```
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/06/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:51:32

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       6.25730 AT (  370336.62,  3809715.33,   489.60,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS       4.85638 AT (  370681.03,  3809053.46,   506.96,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS       4.82307 AT (  370249.45,  3809837.44,   506.47,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS       4.80847 AT (  370286.08,  3809697.69,   489.14,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS       4.30745 AT (  370257.59,  3809698.37,   488.51,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS       4.26526 AT (  370248.09,  3809727.20,   487.76,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS       4.21445 AT (  370316.61,  3809519.95,   492.25,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS       4.19458 AT (  370357.65,  3809451.43,   493.83,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS       4.14939 AT (  370251.14,  3809682.42,   488.73,
```

1482.08,   0.00) DC
        10TH HIGHEST VALUE IS   4.13000 AT (370303.04, 3809534.53,   491.83,
1482.08,   0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

                                                      DATE
                                          NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   27.74969 ON 23123116: AT (370336.62,
3809715.33,   489.60, 1482.08,   0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

```
 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3163       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3163       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

HARP2 - HRACalc (dated 22118) 12/17/2024 2:44:19 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 4.52

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 2.52
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Mit_Initial_Cancer_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Mit_Initial_Cancer_CancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:47:23 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Mit_Initial_ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Mit_Initial_ChronicNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/16/2024 10:31:41 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 4.52

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 2.52
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Unmit_CancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Unmit_CancerCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/16/2024 10:32:26 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Unmit_ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO OFFSITE HARP2\hra\Belcaro_Offsite_Unmit_ChronicNCChronicRiskSumByRec.csv
HRA ran successfully

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/9/2024
** File: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro_Ph1_Onsite\Belcaro_Ph1_Onsite.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9663345 Los_Angeles_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Belcaro_Ph1_Onsite.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Ph 2 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.2457
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 44
** 370739.238, 3809371.581, 502.70, 5.00, 4.65
** 370778.732, 3809436.062, 501.78, 5.00, 4.65
** 370674.757, 3809502.155, 498.44, 5.00, 4.65
```

```
** 370648.158, 3809543.262, 497.01, 5.00, 4.65
** 370634.456, 3809589.205, 496.07, 5.00, 4.65
** 370591.737, 3809586.787, 495.40, 5.00, 4.65
** 370622.366, 3809502.962, 497.46, 5.00, 4.65
** 370625.590, 3809488.453, 497.89, 5.00, 4.65
** 370577.229, 3809463.467, 497.67, 5.00, 4.65
** 370623.172, 3809430.420, 499.09, 5.00, 4.65
** 370645.740, 3809417.524, 499.55, 5.00, 4.65
** 370677.175, 3809415.912, 500.33, 5.00, 4.65
** 370727.147, 3809379.642, 501.97, 5.00, 4.65
** 370761.806, 3809431.226, 501.46, 5.00, 4.65
** 370677.981, 3809487.647, 499.14, 5.00, 4.65
** 370665.084, 3809494.901, 499.02, 5.00, 4.65
** 370625.590, 3809578.727, 495.85, 5.00, 4.65
** 370607.858, 3809577.115, 495.64, 5.00, 4.65
** 370637.680, 3809490.065, 498.48, 5.00, 4.65
** 370630.426, 3809473.945, 498.67, 5.00, 4.65
** 370601.409, 3809460.243, 498.05, 5.00, 4.65
** 370639.292, 3809435.256, 499.32, 5.00, 4.65
** 370659.442, 3809428.808, 500.03, 5.00, 4.65
** 370674.757, 3809429.614, 500.03, 5.00, 4.65
** 370717.787, 3809398.356, 501.82, 5.00, 4.65
** 370743.993, 3809429.803, 501.15, 5.00, 4.65
** 370658.388, 3809488.038, 498.92, 5.00, 4.65
** 370624.612, 3809570.731, 495.90, 5.00, 4.65
** 370619.953, 3809568.984, 495.93, 5.00, 4.65
** 370648.488, 3809489.203, 498.56, 5.00, 4.65
** 370626.359, 3809458.338, 498.58, 5.00, 4.65
** 370637.423, 3809448.438, 498.89, 5.00, 4.65
** 370653.729, 3809443.197, 499.82, 5.00, 4.65
** 370685.176, 3809437.956, 500.30, 5.00, 4.65
** 370717.787, 3809416.409, 500.67, 5.00, 4.65
** 370731.181, 3809428.056, 501.02, 5.00, 4.65
** 370654.894, 3809482.214, 498.82, 5.00, 4.65
** 370638.588, 3809462.997, 498.78, 5.00, 4.65
** 370651.982, 3809453.097, 499.00, 5.00, 4.65
** 370670.035, 3809452.515, 499.68, 5.00, 4.65
** 370711.381, 3809428.056, 500.54, 5.00, 4.65
** 370712.546, 3809437.956, 500.32, 5.00, 4.65
** 370657.223, 3809472.314, 499.22, 5.00, 4.65
** 370651.982, 3809467.656, 499.12, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0000815     VOLUME   370741.849 3809375.845 502.22
   LOCATION L0000816     VOLUME   370747.072 3809384.373 501.99
   LOCATION L0000817     VOLUME   370752.295 3809392.900 501.85
   LOCATION L0000818     VOLUME   370757.519 3809401.428 501.81
   LOCATION L0000819     VOLUME   370762.742 3809409.955 501.76
   LOCATION L0000820     VOLUME   370767.965 3809418.483 501.69
   LOCATION L0000821     VOLUME   370773.188 3809427.010 501.56
   LOCATION L0000822     VOLUME   370778.411 3809435.538 501.41
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LOCATION L0000823 VOLUME 370770.812 3809441.097 501.08
LOCATION L0000824 VOLUME 370762.373 3809446.462 500.73
LOCATION L0000825 VOLUME 370753.933 3809451.826 500.35
LOCATION L0000826 VOLUME 370745.494 3809457.191 500.04
LOCATION L0000827 VOLUME 370737.055 3809462.555 499.92
LOCATION L0000828 VOLUME 370728.615 3809467.920 499.80
LOCATION L0000829 VOLUME 370720.176 3809473.284 499.69
LOCATION L0000830 VOLUME 370711.737 3809478.649 499.58
LOCATION L0000831 VOLUME 370703.298 3809484.013 499.44
LOCATION L0000832 VOLUME 370694.858 3809489.378 499.24
LOCATION L0000833 VOLUME 370686.419 3809494.742 498.98
LOCATION L0000834 VOLUME 370677.980 3809500.107 498.70
LOCATION L0000835 VOLUME 370671.399 3809507.345 498.39
LOCATION L0000836 VOLUME 370665.966 3809515.741 498.07
LOCATION L0000837 VOLUME 370660.534 3809524.136 497.85
LOCATION L0000838 VOLUME 370655.101 3809532.532 497.59
LOCATION L0000839 VOLUME 370649.669 3809540.928 497.26
LOCATION L0000840 VOLUME 370646.095 3809550.180 496.93
LOCATION L0000841 VOLUME 370643.237 3809559.763 496.67
LOCATION L0000842 VOLUME 370640.379 3809569.346 496.41
LOCATION L0000843 VOLUME 370637.521 3809578.929 496.14
LOCATION L0000844 VOLUME 370634.663 3809588.512 495.88
LOCATION L0000845 VOLUME 370625.194 3809588.681 495.68
LOCATION L0000846 VOLUME 370615.210 3809588.115 495.52
LOCATION L0000847 VOLUME 370605.226 3809587.550 495.39
LOCATION L0000848 VOLUME 370595.242 3809586.985 495.27
LOCATION L0000849 VOLUME 370593.965 3809580.691 495.40
LOCATION L0000850 VOLUME 370597.396 3809571.299 495.71
LOCATION L0000851 VOLUME 370600.828 3809561.906 496.04
LOCATION L0000852 VOLUME 370604.260 3809552.513 496.34
LOCATION L0000853 VOLUME 370607.692 3809543.121 496.60
LOCATION L0000854 VOLUME 370611.124 3809533.728 496.82
LOCATION L0000855 VOLUME 370614.556 3809524.335 497.03
LOCATION L0000856 VOLUME 370617.988 3809514.943 497.23
LOCATION L0000857 VOLUME 370621.420 3809505.550 497.47
LOCATION L0000858 VOLUME 370623.937 3809495.890 497.72
LOCATION L0000859 VOLUME 370623.474 3809487.360 497.86
LOCATION L0000860 VOLUME 370614.589 3809482.770 497.78
LOCATION L0000861 VOLUME 370605.705 3809478.179 497.78
LOCATION L0000862 VOLUME 370596.821 3809473.589 497.74
LOCATION L0000863 VOLUME 370587.937 3809468.999 497.64
LOCATION L0000864 VOLUME 370579.052 3809464.409 497.51
LOCATION L0000865 VOLUME 370583.681 3809458.826 497.69
LOCATION L0000866 VOLUME 370591.799 3809452.987 497.95
LOCATION L0000867 VOLUME 370599.917 3809447.147 498.27
LOCATION L0000868 VOLUME 370608.035 3809441.308 498.58
LOCATION L0000869 VOLUME 370616.153 3809435.469 498.89
LOCATION L0000870 VOLUME 370624.348 3809429.748 499.13
LOCATION L0000871 VOLUME 370633.030 3809424.787 499.35
LOCATION L0000872 VOLUME 370641.713 3809419.826 499.54

LOCATION L0000873 VOLUME 370651.094 3809417.250 499.79
LOCATION L0000874 VOLUME 370661.081 3809416.737 500.04
LOCATION L0000875 VOLUME 370671.068 3809416.225 500.28
LOCATION L0000876 VOLUME 370680.319 3809413.630 500.53
LOCATION L0000877 VOLUME 370688.412 3809407.756 500.89
LOCATION L0000878 VOLUME 370696.505 3809401.882 501.25
LOCATION L0000879 VOLUME 370704.598 3809396.008 501.53
LOCATION L0000880 VOLUME 370712.691 3809390.134 501.79
LOCATION L0000881 VOLUME 370720.784 3809384.260 502.01
LOCATION L0000882 VOLUME 370728.339 3809381.416 502.07
LOCATION L0000883 VOLUME 370733.916 3809389.716 501.83
LOCATION L0000884 VOLUME 370739.493 3809398.017 501.62
LOCATION L0000885 VOLUME 370745.070 3809406.317 501.50
LOCATION L0000886 VOLUME 370750.647 3809414.618 501.46
LOCATION L0000887 VOLUME 370756.224 3809422.918 501.42
LOCATION L0000888 VOLUME 370761.801 3809431.219 501.22
LOCATION L0000889 VOLUME 370753.518 3809436.805 500.88
LOCATION L0000890 VOLUME 370745.222 3809442.389 500.51
LOCATION L0000891 VOLUME 370736.926 3809447.972 500.22
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LOCATION L0000893 VOLUME 370720.334 3809459.140 499.85
LOCATION L0000894 VOLUME 370712.039 3809464.724 499.79
LOCATION L0000895 VOLUME 370703.743 3809470.307 499.69
LOCATION L0000896 VOLUME 370695.447 3809475.891 499.56
LOCATION L0000897 VOLUME 370687.151 3809481.475 499.34
LOCATION L0000898 VOLUME 370678.855 3809487.059 499.10
LOCATION L0000899 VOLUME 370670.183 3809492.033 498.84
LOCATION L0000900 VOLUME 370663.316 3809498.655 498.54
LOCATION L0000901 VOLUME 370659.054 3809507.701 498.23
LOCATION L0000902 VOLUME 370654.791 3809516.748 497.95
LOCATION L0000903 VOLUME 370650.529 3809525.794 497.68
LOCATION L0000904 VOLUME 370646.267 3809534.840 497.36
LOCATION L0000905 VOLUME 370642.005 3809543.886 497.02
LOCATION L0000906 VOLUME 370637.743 3809552.932 496.73
LOCATION L0000907 VOLUME 370633.481 3809561.979 496.45
LOCATION L0000908 VOLUME 370629.219 3809571.025 496.16
LOCATION L0000909 VOLUME 370624.110 3809578.592 495.88
LOCATION L0000910 VOLUME 370614.151 3809577.687 495.75
LOCATION L0000911 VOLUME 370609.050 3809573.633 495.79
LOCATION L0000912 VOLUME 370612.291 3809564.172 496.09
LOCATION L0000913 VOLUME 370615.532 3809554.712 496.37
LOCATION L0000914 VOLUME 370618.773 3809545.252 496.62
LOCATION L0000915 VOLUME 370622.014 3809535.792 496.87
LOCATION L0000916 VOLUME 370625.255 3809526.331 497.15
LOCATION L0000917 VOLUME 370628.496 3809516.871 497.45
LOCATION L0000918 VOLUME 370631.737 3809507.411 497.72
LOCATION L0000919 VOLUME 370634.978 3809497.951 498.01
LOCATION L0000920 VOLUME 370636.997 3809488.547 498.27
LOCATION L0000921 VOLUME 370632.893 3809479.428 498.29
LOCATION L0000922 VOLUME 370626.820 3809472.242 498.26

LOCATION L0000923 VOLUME 370617.778 3809467.972 498.17
LOCATION L0000924 VOLUME 370608.735 3809463.702 498.11
LOCATION L0000925 VOLUME 370602.994 3809459.198 498.08
LOCATION L0000926 VOLUME 370611.342 3809453.692 498.38
LOCATION L0000927 VOLUME 370619.689 3809448.186 498.67
LOCATION L0000928 VOLUME 370628.037 3809442.680 498.89
LOCATION L0000929 VOLUME 370636.385 3809437.174 499.11
LOCATION L0000930 VOLUME 370645.499 3809433.270 499.33
LOCATION L0000931 VOLUME 370655.024 3809430.222 499.64
LOCATION L0000932 VOLUME 370664.796 3809429.090 499.89
LOCATION L0000933 VOLUME 370674.777 3809429.600 500.08
LOCATION L0000934 VOLUME 370682.868 3809423.722 500.29
LOCATION L0000935 VOLUME 370690.958 3809417.845 500.61
LOCATION L0000936 VOLUME 370699.049 3809411.968 500.91
LOCATION L0000937 VOLUME 370707.140 3809406.091 501.17
LOCATION L0000938 VOLUME 370715.230 3809400.214 501.47
LOCATION L0000939 VOLUME 370722.166 3809403.611 501.38
LOCATION L0000940 VOLUME 370728.568 3809411.293 501.18
LOCATION L0000941 VOLUME 370734.970 3809418.975 501.07
LOCATION L0000942 VOLUME 370741.371 3809426.657 501.01
LOCATION L0000943 VOLUME 370739.111 3809433.124 500.74
LOCATION L0000944 VOLUME 370730.842 3809438.749 500.41
LOCATION L0000945 VOLUME 370722.574 3809444.374 500.15
LOCATION L0000946 VOLUME 370714.306 3809449.998 500.02
LOCATION L0000947 VOLUME 370706.038 3809455.623 499.94
LOCATION L0000948 VOLUME 370697.769 3809461.248 499.86
LOCATION L0000949 VOLUME 370689.501 3809466.872 499.68
LOCATION L0000950 VOLUME 370681.233 3809472.497 499.46
LOCATION L0000951 VOLUME 370672.965 3809478.122 499.23
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LOCATION L0000967 VOLUME 370636.141 3809523.723 497.46
LOCATION L0000968 VOLUME 370639.509 3809514.308 497.78
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Ph2 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
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** Vertical Dimension = 10.00
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** DESCRSRC Ph3South Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
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** Vertical Dimension = 10.00
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** DESCRSRC Ph3 Offroad Equipment and Trucks
** PREFIX
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** Configuration = Adjacent
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** Vertical Dimension = 10.00
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   LOCATION L0002018     VOLUME   370535.246 3809779.629 490.40
   LOCATION L0002019     VOLUME   370544.910 3809782.201 490.44
   LOCATION L0002020     VOLUME   370554.574 3809784.772 490.51
   LOCATION L0002021     VOLUME   370562.850 3809788.724 490.53
   LOCATION L0002022     VOLUME   370565.374 3809798.400 490.34
   LOCATION L0002023     VOLUME   370567.898 3809808.076 490.12
   LOCATION L0002024     VOLUME   370570.422 3809817.753 489.90
   LOCATION L0002025     VOLUME   370572.947 3809827.429 489.65
   LOCATION L0002026     VOLUME   370571.639 3809834.557 489.36
   LOCATION L0002027     VOLUME   370561.740 3809835.971 489.28
   LOCATION L0002028     VOLUME   370551.840 3809837.385 489.21
   LOCATION L0002029     VOLUME   370549.684 3809828.747 489.40
   LOCATION L0002030     VOLUME   370548.525 3809818.814 489.62
   LOCATION L0002031     VOLUME   370547.367 3809808.882 489.85
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   LOCATION L0002034     VOLUME   370529.256 3809791.175 490.04
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Ph3 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.262351
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 26
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** 370403.961, 3809575.426, 493.30, 5.00, 4.65
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   LOCATION L0002045     VOLUME   370431.696 3809552.071 494.05
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   LOCATION L0002048     VOLUME   370454.643 3809532.747 496.36
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   LOCATION L0002051     VOLUME   370478.964 3809515.397 495.68
   LOCATION L0002052     VOLUME   370487.661 3809510.461 496.03
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   LOCATION L0002058     VOLUME   370539.842 3809480.845 496.50
   LOCATION L0002059     VOLUME   370548.539 3809475.909 496.77
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LOCATION L0002063 VOLUME 370583.164 3809494.141 497.19
LOCATION L0002064 VOLUME 370591.818 3809499.151 497.33
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LOCATION L0002066 VOLUME 370587.124 3809517.973 496.99
LOCATION L0002067 VOLUME 370584.313 3809527.570 496.74
LOCATION L0002068 VOLUME 370581.502 3809537.167 496.51
LOCATION L0002069 VOLUME 370578.691 3809546.764 496.29
LOCATION L0002070 VOLUME 370575.880 3809556.360 496.04
LOCATION L0002071 VOLUME 370573.069 3809565.957 495.81
LOCATION L0002072 VOLUME 370570.257 3809575.554 495.59
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LOCATION L0002076 VOLUME 370564.252 3809609.871 494.53
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LOCATION L0002078 VOLUME 370584.240 3809609.169 494.69
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LOCATION L0002080 VOLUME 370604.228 3809608.468 494.92
LOCATION L0002081 VOLUME 370614.222 3809608.117 495.06
LOCATION L0002082 VOLUME 370623.703 3809608.235 495.22
LOCATION L0002083 VOLUME 370622.463 3809618.158 494.96
LOCATION L0002084 VOLUME 370619.064 3809625.543 494.76
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LOCATION L0002087 VOLUME 370591.180 3809626.828 494.50
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LOCATION L0002094 VOLUME 370582.017 3809692.847 492.68
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LOCATION L0002097 VOLUME 370553.399 3809683.848 492.27
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LOCATION L0002099 VOLUME 370534.320 3809677.848 492.38
LOCATION L0002100 VOLUME 370524.780 3809674.848 492.50
LOCATION L0002101 VOLUME 370515.241 3809671.848 492.66
LOCATION L0002102 VOLUME 370505.701 3809668.848 492.92
LOCATION L0002103 VOLUME 370496.162 3809665.849 493.13
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LOCATION L0002107 VOLUME 370458.004 3809653.849 493.41
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LOCATION L0002111 VOLUME 370419.846 3809641.850 500.54
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LOCATION L0002114 VOLUME 370410.145 3809621.291 496.38
LOCATION L0002115 VOLUME 370411.828 3809611.434 495.41
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LOCATION L0002120 VOLUME 370435.128 3809569.210 496.52
LOCATION L0002121 VOLUME 370441.700 3809561.672 496.40
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LOCATION L0002123 VOLUME 370455.408 3809547.282 498.17
LOCATION L0002124 VOLUME 370464.056 3809542.261 499.55
LOCATION L0002125 VOLUME 370472.703 3809537.239 499.14
LOCATION L0002126 VOLUME 370481.351 3809532.218 498.39
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LOCATION L0002128 VOLUME 370498.814 3809522.471 496.69
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LOCATION L0002134 VOLUME 370551.230 3809494.671 496.53
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LOCATION L0002148 VOLUME 370546.430 3809615.053 494.35
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LOCATION L0002155 VOLUME 370515.463 3809632.250 494.02
LOCATION L0002156 VOLUME 370517.704 3809622.505 494.29
LOCATION L0002157 VOLUME 370519.946 3809612.759 494.53
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   LOCATION L0002163     VOLUME   370533.394 3809554.286 496.07
   LOCATION L0002164     VOLUME   370535.636 3809544.541 496.13
   LOCATION L0002165     VOLUME   370537.877 3809534.795 496.08
   LOCATION L0002166     VOLUME   370539.909 3809525.190 496.15
   LOCATION L0002167     VOLUME   370530.045 3809523.546 496.09
   LOCATION L0002168     VOLUME   370525.356 3809529.451 496.19
   LOCATION L0002169     VOLUME   370523.334 3809539.245 496.49
   LOCATION L0002170     VOLUME   370521.311 3809549.038 496.89
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   LOCATION L0002172     VOLUME   370517.266 3809568.624 495.82
   LOCATION L0002173     VOLUME   370515.244 3809578.418 495.27
   LOCATION L0002174     VOLUME   370513.221 3809588.211 495.04
   LOCATION L0002175     VOLUME   370511.199 3809598.004 494.80
   LOCATION L0002176     VOLUME   370509.176 3809607.798 494.43
   LOCATION L0002177     VOLUME   370507.153 3809617.591 494.13
   LOCATION L0002178     VOLUME   370503.797 3809625.069 493.94
   LOCATION L0002179     VOLUME   370494.310 3809621.907 493.76
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   LOCATION L0002181     VOLUME   370475.336 3809615.582 495.09
   LOCATION L0002182     VOLUME   370465.850 3809612.420 496.43
   LOCATION L0002183     VOLUME   370465.928 3809602.816 498.78
   LOCATION L0002184     VOLUME   370466.565 3809592.837 501.41
   LOCATION L0002185     VOLUME   370467.202 3809582.857 504.11
   LOCATION L0002186     VOLUME   370467.839 3809572.877 503.72
   LOCATION L0002187     VOLUME   370468.476 3809562.897 502.77
   LOCATION L0002188     VOLUME   370475.552 3809560.379 501.84
** End of LINE VOLUME Source ID = SLINE5
** Source Parameters **
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SRCPARAM L0000716     0.0012285016      5.00      4.65      4.65
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SRCPARAM L0001783     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001784     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001785     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001786     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001787     0.0017035785      5.00      4.65      4.65
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SRCPARAM L0001789     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001790     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001791     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001792     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001793     0.0017035785      5.00      4.65      4.65
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SRCPARAM L0001795     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001796     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001797     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001798     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001799     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001800     0.0017035785      5.00      4.65      4.65
SRCPARAM L0001801     0.0017035785      5.00      4.65      4.65
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   SRCPARAM L0001810     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001811     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001812     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001813     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001814     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001815     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001816     0.0017035785      5.00      4.65      4.65
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   SRCPARAM L0001818     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001819     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001820     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001821     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001822     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001823     0.0017035785      5.00      4.65      4.65
   SRCPARAM L0001824     0.0017035785      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE4
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   SRCPARAM L0001826     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001827     0.0017035762      5.00      4.65      4.65
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   SRCPARAM L0001829     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001830     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001831     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001832     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001833     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001834     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001835     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001836     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001837     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001838     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001839     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001840     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001841     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001842     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001843     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001844     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001845     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001846     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001847     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001848     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0001849     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001865     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001890     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001896     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001897     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001899     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001915     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001916     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001930     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001931     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001940     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001946     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001947     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001949     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001956     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001969     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001980     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001981     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001982     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001986     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001993     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001994     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001995     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001996     0.0017035762      5.00      4.65      4.65
SRCPARAM L0001997     0.0017035762      5.00      4.65      4.65
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SRCPARAM L0001999     0.0017035762      5.00      4.65      4.65
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   SRCPARAM L0002003     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002004     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002005     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002006     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002007     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002008     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002009     0.0017035762      5.00      4.65      4.65
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   SRCPARAM L0002011     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002012     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002013     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002014     0.0017035762      5.00      4.65      4.65
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   SRCPARAM L0002018     0.0017035762      5.00      4.65      4.65
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   SRCPARAM L0002020     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002021     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002022     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002023     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002024     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002025     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002026     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002027     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002028     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002029     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002030     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002031     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002032     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002033     0.0017035762      5.00      4.65      4.65
   SRCPARAM L0002034     0.0017035762      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE5
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   SRCPARAM L0002036     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002037     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002038     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002039     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002040     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002041     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002042     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002043     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002044     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002045     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002046     0.0017035779      5.00      4.65      4.65
   SRCPARAM L0002047     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002048     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002049     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002051     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002052     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002053     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002054     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002055     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002057     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002058     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002059     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002061     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002072     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002073     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002074     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002075     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002076     0.0017035779      5.00      4.65      4.65
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SRCPARAM L0002078     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002079     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002080     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002081     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002082     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002083     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002084     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002085     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002086     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002087     0.0017035779      5.00      4.65      4.65
SRCPARAM L0002088     0.0017035779      5.00      4.65      4.65
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SRCGROUP Phase3   L0001800 L0001801 L0001802 L0001803 L0001804 L0001805
SRCGROUP Phase3   L0001806 L0001807 L0001808 L0001809 L0001810 L0001811
SRCGROUP Phase3   L0001812 L0001813 L0001814 L0001815 L0001816 L0001817
SRCGROUP Phase3   L0001818 L0001819 L0001820 L0001821 L0001822 L0001823
SRCGROUP Phase3   L0001824 L0001825 L0001826 L0001827 L0001828 L0001829
SRCGROUP Phase3   L0001830 L0001831 L0001832 L0001833 L0001834 L0001835
SRCGROUP Phase3   L0001836 L0001837 L0001838 L0001839 L0001840 L0001841
SRCGROUP Phase3   L0001842 L0001843 L0001844 L0001845 L0001846 L0001847
SRCGROUP Phase3   L0001848 L0001849 L0001850 L0001851 L0001852 L0001853
SRCGROUP Phase3   L0001854 L0001855 L0001856 L0001857 L0001858 L0001859
SRCGROUP Phase3   L0001860 L0001861 L0001862 L0001863 L0001864 L0001865
SRCGROUP Phase3   L0001866 L0001867 L0001868 L0001869 L0001870 L0001871
SRCGROUP Phase3   L0001872 L0001873 L0001874 L0001875 L0001876 L0001877
SRCGROUP Phase3   L0001878 L0001879 L0001880 L0001881 L0001882 L0001883
SRCGROUP Phase3   L0001884 L0001885 L0001886 L0001887 L0001888 L0001889
SRCGROUP Phase3   L0001890 L0001891 L0001892 L0001893 L0001894 L0001895
SRCGROUP Phase3   L0001896 L0001897 L0001898 L0001899 L0001900 L0001901
SRCGROUP Phase3   L0001902 L0001903 L0001904 L0001905 L0001906 L0001907
SRCGROUP Phase3   L0001908 L0001909 L0001910 L0001911 L0001912 L0001913
SRCGROUP Phase3   L0001914 L0001915 L0001916 L0001917 L0001918 L0001919
SRCGROUP Phase3   L0001920 L0001921 L0001922 L0001923 L0001924 L0001925
SRCGROUP Phase3   L0001926 L0001927 L0001928 L0001929 L0001930 L0001931
SRCGROUP Phase3   L0001932 L0001933 L0001934 L0001935 L0001936 L0001937
SRCGROUP Phase3   L0001938 L0001939 L0001940 L0001941 L0001942 L0001943
SRCGROUP Phase3   L0001944 L0001945 L0001946 L0001947 L0001948 L0001949
SRCGROUP Phase3   L0001950 L0001951 L0001952 L0001953 L0001954 L0001955
SRCGROUP Phase3   L0001956 L0001957 L0001958 L0001959 L0001960 L0001961
SRCGROUP Phase3   L0001962 L0001963 L0001964 L0001965 L0001966 L0001967
SRCGROUP Phase3   L0001968 L0001969 L0001970 L0001971 L0001972 L0001973
SRCGROUP Phase3   L0001974 L0001975 L0001976 L0001977 L0001978 L0001979
SRCGROUP Phase3   L0001980 L0001981 L0001982 L0001983 L0001984 L0001985
SRCGROUP Phase3   L0001986 L0001987 L0001988 L0001989 L0001990 L0001991
SRCGROUP Phase3   L0001992 L0001993 L0001994 L0001995 L0001996 L0001997
SRCGROUP Phase3   L0001998 L0001999 L0002000 L0002001 L0002002 L0002003
SRCGROUP Phase3   L0002004 L0002005 L0002006 L0002007 L0002008 L0002009
SRCGROUP Phase3   L0002010 L0002011 L0002012 L0002013 L0002014 L0002015
SRCGROUP Phase3   L0002016 L0002017 L0002018 L0002019 L0002020 L0002021
SRCGROUP Phase3   L0002022 L0002023 L0002024 L0002025 L0002026 L0002027
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   SRCGROUP Phase3   L0002028 L0002029 L0002030 L0002031 L0002032 L0002033
   SRCGROUP Phase3   L0002034 L0002035 L0002036 L0002037 L0002038 L0002039
   SRCGROUP Phase3   L0002040 L0002041 L0002042 L0002043 L0002044 L0002045
   SRCGROUP Phase3   L0002046 L0002047 L0002048 L0002049 L0002050 L0002051
   SRCGROUP Phase3   L0002052 L0002053 L0002054 L0002055 L0002056 L0002057
   SRCGROUP Phase3   L0002058 L0002059 L0002060 L0002061 L0002062 L0002063
   SRCGROUP Phase3   L0002064 L0002065 L0002066 L0002067 L0002068 L0002069
   SRCGROUP Phase3   L0002070 L0002071 L0002072 L0002073 L0002074 L0002075
   SRCGROUP Phase3   L0002076 L0002077 L0002078 L0002079 L0002080 L0002081
   SRCGROUP Phase3   L0002082 L0002083 L0002084 L0002085 L0002086 L0002087
   SRCGROUP Phase3   L0002088 L0002089 L0002090 L0002091 L0002092 L0002093
   SRCGROUP Phase3   L0002094 L0002095 L0002096 L0002097 L0002098 L0002099
   SRCGROUP Phase3   L0002100 L0002101 L0002102 L0002103 L0002104 L0002105
   SRCGROUP Phase3   L0002106 L0002107 L0002108 L0002109 L0002110 L0002111
   SRCGROUP Phase3   L0002112 L0002113 L0002114 L0002115 L0002116 L0002117
   SRCGROUP Phase3   L0002118 L0002119 L0002120 L0002121 L0002122 L0002123
   SRCGROUP Phase3   L0002124 L0002125 L0002126 L0002127 L0002128 L0002129
   SRCGROUP Phase3   L0002130 L0002131 L0002132 L0002133 L0002134 L0002135
   SRCGROUP Phase3   L0002136 L0002137 L0002138 L0002139 L0002140 L0002141
   SRCGROUP Phase3   L0002142 L0002143 L0002144 L0002145 L0002146 L0002147
   SRCGROUP Phase3   L0002148 L0002149 L0002150 L0002151 L0002152 L0002153
   SRCGROUP Phase3   L0002154 L0002155 L0002156 L0002157 L0002158 L0002159
   SRCGROUP Phase3   L0002160 L0002161 L0002162 L0002163 L0002164 L0002165
   SRCGROUP Phase3   L0002166 L0002167 L0002168 L0002169 L0002170 L0002171
   SRCGROUP Phase3   L0002172 L0002173 L0002174 L0002175 L0002176 L0002177
   SRCGROUP Phase3   L0002178 L0002179 L0002180 L0002181 L0002182 L0002183
   SRCGROUP Phase3   L0002184 L0002185 L0002186 L0002187 L0002188
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED Belcaro_Ph1_Onsite.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.sfc"
   PROFFILE "..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.PFL"
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
```

```
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST BELCARO_PH1_ONSITE.AD\01H1GALL.PLT 31
   PLOTFILE 1 Phase2 1ST BELCARO_PH1_ONSITE.AD\01H1G001.PLT 32
   PLOTFILE 1 Phase3 1ST BELCARO_PH1_ONSITE.AD\01H1G002.PLT 33
   PLOTFILE PERIOD ALL BELCARO_PH1_ONSITE.AD\PE00GALL.PLT 34
   PLOTFILE PERIOD Phase2 BELCARO_PH1_ONSITE.AD\PE00G001.PLT 35
   PLOTFILE PERIOD Phase3 BELCARO_PH1_ONSITE.AD\PE00G002.PLT 36
   SUMMFILE Belcaro_Ph1_Onsite.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3451       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3451       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

```
 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro_Ph1_Onsite.err

 **File for Summary of Results:   Belcaro_Ph1_Onsite.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000815	0	0.12285E-02	370741.8	3809375.8	502.2	5.00	4.65	4.65
YES		NO						
L0000816	0	0.12285E-02	370747.1	3809384.4	502.0	5.00	4.65	4.65
YES		NO						
L0000817	0	0.12285E-02	370752.3	3809392.9	501.9	5.00	4.65	4.65
YES		NO						
L0000818	0	0.12285E-02	370757.5	3809401.4	501.8	5.00	4.65	4.65
YES		NO						
L0000819	0	0.12285E-02	370762.7	3809410.0	501.8	5.00	4.65	4.65
YES		NO						
L0000820	0	0.12285E-02	370768.0	3809418.5	501.7	5.00	4.65	4.65
YES		NO						
L0000821	0	0.12285E-02	370773.2	3809427.0	501.6	5.00	4.65	4.65
YES		NO						
L0000822	0	0.12285E-02	370778.4	3809435.5	501.4	5.00	4.65	4.65
YES		NO						
L0000823	0	0.12285E-02	370770.8	3809441.1	501.1	5.00	4.65	4.65
YES		NO						
L0000824	0	0.12285E-02	370762.4	3809446.5	500.7	5.00	4.65	4.65
YES		NO						
L0000825	0	0.12285E-02	370753.9	3809451.8	500.4	5.00	4.65	4.65
YES		NO						
L0000826	0	0.12285E-02	370745.5	3809457.2	500.0	5.00	4.65	4.65
YES		NO						
L0000827	0	0.12285E-02	370737.1	3809462.6	499.9	5.00	4.65	4.65
YES		NO						
L0000828	0	0.12285E-02	370728.6	3809467.9	499.8	5.00	4.65	4.65
YES		NO						
L0000829	0	0.12285E-02	370720.2	3809473.3	499.7	5.00	4.65	4.65
YES		NO						
L0000830	0	0.12285E-02	370711.7	3809478.6	499.6	5.00	4.65	4.65
YES		NO						
L0000831	0	0.12285E-02	370703.3	3809484.0	499.4	5.00	4.65	4.65
YES		NO						
L0000832	0	0.12285E-02	370694.9	3809489.4	499.2	5.00	4.65	4.65
YES		NO						
L0000833	0	0.12285E-02	370686.4	3809494.7	499.0	5.00	4.65	4.65
YES		NO						
L0000834	0	0.12285E-02	370678.0	3809500.1	498.7	5.00	4.65	4.65
YES		NO						
L0000835	0	0.12285E-02	370671.4	3809507.3	498.4	5.00	4.65	4.65
YES		NO						
L0000836	0	0.12285E-02	370666.0	3809515.7	498.1	5.00	4.65	4.65
YES		NO						
L0000837	0	0.12285E-02	370660.5	3809524.1	497.9	5.00	4.65	4.65
YES		NO						
L0000838	0	0.12285E-02	370655.1	3809532.5	497.6	5.00	4.65	4.65
YES		NO						

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 L0000839         0   0.12285E-02  370649.7 3809540.9   497.3     5.00     4.65
4.65     YES                    NO
 L0000840         0   0.12285E-02  370646.1 3809550.2   496.9     5.00     4.65
4.65     YES                    NO
 L0000841         0   0.12285E-02  370643.2 3809559.8   496.7     5.00     4.65
4.65     YES                    NO
 L0000842         0   0.12285E-02  370640.4 3809569.3   496.4     5.00     4.65
4.65     YES                    NO
 L0000843         0   0.12285E-02  370637.5 3809578.9   496.1     5.00     4.65
4.65     YES                    NO
 L0000844         0   0.12285E-02  370634.7 3809588.5   495.9     5.00     4.65
4.65     YES                    NO
 L0000845         0   0.12285E-02  370625.2 3809588.7   495.7     5.00     4.65
4.65     YES                    NO
 L0000846         0   0.12285E-02  370615.2 3809588.1   495.5     5.00     4.65
4.65     YES                    NO
 L0000847         0   0.12285E-02  370605.2 3809587.5   495.4     5.00     4.65
4.65     YES                    NO
 L0000848         0   0.12285E-02  370595.2 3809587.0   495.3     5.00     4.65
4.65     YES                    NO
 L0000849         0   0.12285E-02  370594.0 3809580.7   495.4     5.00     4.65
4.65     YES                    NO
 L0000850         0   0.12285E-02  370597.4 3809571.3   495.7     5.00     4.65
4.65     YES                    NO
 L0000851         0   0.12285E-02  370600.8 3809561.9   496.0     5.00     4.65
4.65     YES                    NO
 L0000852         0   0.12285E-02  370604.3 3809552.5   496.3     5.00     4.65
4.65     YES                    NO
 L0000853         0   0.12285E-02  370607.7 3809543.1   496.6     5.00     4.65
4.65     YES                    NO
 L0000854         0   0.12285E-02  370611.1 3809533.7   496.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000855	0	0.12285E-02	370614.6	3809524.3	497.0	5.00	4.65	4.65
YES		NO						
L0000856	0	0.12285E-02	370618.0	3809514.9	497.2	5.00	4.65	4.65
YES		NO						
L0000857	0	0.12285E-02	370621.4	3809505.5	497.5	5.00	4.65	4.65
YES		NO						
L0000858	0	0.12285E-02	370623.9	3809495.9	497.7	5.00	4.65	4.65
YES		NO						
L0000859	0	0.12285E-02	370623.5	3809487.4	497.9	5.00	4.65	4.65
YES		NO						
L0000860	0	0.12285E-02	370614.6	3809482.8	497.8	5.00	4.65	4.65
YES		NO						
L0000861	0	0.12285E-02	370605.7	3809478.2	497.8	5.00	4.65	4.65
YES		NO						
L0000862	0	0.12285E-02	370596.8	3809473.6	497.7	5.00	4.65	4.65
YES		NO						
L0000863	0	0.12285E-02	370587.9	3809469.0	497.6	5.00	4.65	4.65
YES		NO						
L0000864	0	0.12285E-02	370579.1	3809464.4	497.5	5.00	4.65	4.65
YES		NO						
L0000865	0	0.12285E-02	370583.7	3809458.8	497.7	5.00	4.65	4.65
YES		NO						
L0000866	0	0.12285E-02	370591.8	3809453.0	497.9	5.00	4.65	4.65
YES		NO						
L0000867	0	0.12285E-02	370599.9	3809447.1	498.3	5.00	4.65	4.65
YES		NO						
L0000868	0	0.12285E-02	370608.0	3809441.3	498.6	5.00	4.65	4.65
YES		NO						
L0000869	0	0.12285E-02	370616.2	3809435.5	498.9	5.00	4.65	4.65
YES		NO						
L0000870	0	0.12285E-02	370624.3	3809429.7	499.1	5.00	4.65	4.65
YES		NO						
L0000871	0	0.12285E-02	370633.0	3809424.8	499.4	5.00	4.65	4.65
YES		NO						
L0000872	0	0.12285E-02	370641.7	3809419.8	499.5	5.00	4.65	4.65
YES		NO						
L0000873	0	0.12285E-02	370651.1	3809417.2	499.8	5.00	4.65	4.65
YES		NO						
L0000874	0	0.12285E-02	370661.1	3809416.7	500.0	5.00	4.65	4.65
YES		NO						
L0000875	0	0.12285E-02	370671.1	3809416.2	500.3	5.00	4.65	4.65
YES		NO						
L0000876	0	0.12285E-02	370680.3	3809413.6	500.5	5.00	4.65	4.65
YES		NO						
L0000877	0	0.12285E-02	370688.4	3809407.8	500.9	5.00	4.65	4.65
YES		NO						
L0000878	0	0.12285E-02	370696.5	3809401.9	501.2	5.00	4.65	4.65
YES		NO						

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 L0000879         0   0.12285E-02  370704.6 3809396.0   501.5     5.00     4.65
4.65     YES                    NO
 L0000880         0   0.12285E-02  370712.7 3809390.1   501.8     5.00     4.65
4.65     YES                    NO
 L0000881         0   0.12285E-02  370720.8 3809384.3   502.0     5.00     4.65
4.65     YES                    NO
 L0000882         0   0.12285E-02  370728.3 3809381.4   502.1     5.00     4.65
4.65     YES                    NO
 L0000883         0   0.12285E-02  370733.9 3809389.7   501.8     5.00     4.65
4.65     YES                    NO
 L0000884         0   0.12285E-02  370739.5 3809398.0   501.6     5.00     4.65
4.65     YES                    NO
 L0000885         0   0.12285E-02  370745.1 3809406.3   501.5     5.00     4.65
4.65     YES                    NO
 L0000886         0   0.12285E-02  370750.6 3809414.6   501.5     5.00     4.65
4.65     YES                    NO
 L0000887         0   0.12285E-02  370756.2 3809422.9   501.4     5.00     4.65
4.65     YES                    NO
 L0000888         0   0.12285E-02  370761.8 3809431.2   501.2     5.00     4.65
4.65     YES                    NO
 L0000889         0   0.12285E-02  370753.5 3809436.8   500.9     5.00     4.65
4.65     YES                    NO
 L0000890         0   0.12285E-02  370745.2 3809442.4   500.5     5.00     4.65
4.65     YES                    NO
 L0000891         0   0.12285E-02  370736.9 3809448.0   500.2     5.00     4.65
4.65     YES                    NO
 L0000892         0   0.12285E-02  370728.6 3809453.6   500.0     5.00     4.65
4.65     YES                    NO
 L0000893         0   0.12285E-02  370720.3 3809459.1   499.9     5.00     4.65
4.65     YES                    NO
 L0000894         0   0.12285E-02  370712.0 3809464.7   499.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000895	0	0.12285E-02	370703.7	3809470.3	499.7	5.00	4.65	4.65
YES		NO						
L0000896	0	0.12285E-02	370695.4	3809475.9	499.6	5.00	4.65	4.65
YES		NO						
L0000897	0	0.12285E-02	370687.2	3809481.5	499.3	5.00	4.65	4.65
YES		NO						
L0000898	0	0.12285E-02	370678.9	3809487.1	499.1	5.00	4.65	4.65
YES		NO						
L0000899	0	0.12285E-02	370670.2	3809492.0	498.8	5.00	4.65	4.65
YES		NO						
L0000900	0	0.12285E-02	370663.3	3809498.7	498.5	5.00	4.65	4.65
YES		NO						
L0000901	0	0.12285E-02	370659.1	3809507.7	498.2	5.00	4.65	4.65
YES		NO						
L0000902	0	0.12285E-02	370654.8	3809516.7	497.9	5.00	4.65	4.65
YES		NO						
L0000903	0	0.12285E-02	370650.5	3809525.8	497.7	5.00	4.65	4.65
YES		NO						
L0000904	0	0.12285E-02	370646.3	3809534.8	497.4	5.00	4.65	4.65
YES		NO						
L0000905	0	0.12285E-02	370642.0	3809543.9	497.0	5.00	4.65	4.65
YES		NO						
L0000906	0	0.12285E-02	370637.7	3809552.9	496.7	5.00	4.65	4.65
YES		NO						
L0000907	0	0.12285E-02	370633.5	3809562.0	496.4	5.00	4.65	4.65
YES		NO						
L0000908	0	0.12285E-02	370629.2	3809571.0	496.2	5.00	4.65	4.65
YES		NO						
L0000909	0	0.12285E-02	370624.1	3809578.6	495.9	5.00	4.65	4.65
YES		NO						
L0000910	0	0.12285E-02	370614.2	3809577.7	495.8	5.00	4.65	4.65
YES		NO						
L0000911	0	0.12285E-02	370609.0	3809573.6	495.8	5.00	4.65	4.65
YES		NO						
L0000912	0	0.12285E-02	370612.3	3809564.2	496.1	5.00	4.65	4.65
YES		NO						
L0000913	0	0.12285E-02	370615.5	3809554.7	496.4	5.00	4.65	4.65
YES		NO						
L0000914	0	0.12285E-02	370618.8	3809545.3	496.6	5.00	4.65	4.65
YES		NO						
L0000915	0	0.12285E-02	370622.0	3809535.8	496.9	5.00	4.65	4.65
YES		NO						
L0000916	0	0.12285E-02	370625.3	3809526.3	497.2	5.00	4.65	4.65
YES		NO						
L0000917	0	0.12285E-02	370628.5	3809516.9	497.4	5.00	4.65	4.65
YES		NO						
L0000918	0	0.12285E-02	370631.7	3809507.4	497.7	5.00	4.65	4.65
YES		NO						

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 L0000919         0   0.12285E-02  370635.0 3809498.0   498.0     5.00     4.65
4.65     YES                    NO
 L0000920         0   0.12285E-02  370637.0 3809488.5   498.3     5.00     4.65
4.65     YES                    NO
 L0000921         0   0.12285E-02  370632.9 3809479.4   498.3     5.00     4.65
4.65     YES                    NO
 L0000922         0   0.12285E-02  370626.8 3809472.2   498.3     5.00     4.65
4.65     YES                    NO
 L0000923         0   0.12285E-02  370617.8 3809468.0   498.2     5.00     4.65
4.65     YES                    NO
 L0000924         0   0.12285E-02  370608.7 3809463.7   498.1     5.00     4.65
4.65     YES                    NO
 L0000925         0   0.12285E-02  370603.0 3809459.2   498.1     5.00     4.65
4.65     YES                    NO
 L0000926         0   0.12285E-02  370611.3 3809453.7   498.4     5.00     4.65
4.65     YES                    NO
 L0000927         0   0.12285E-02  370619.7 3809448.2   498.7     5.00     4.65
4.65     YES                    NO
 L0000928         0   0.12285E-02  370628.0 3809442.7   498.9     5.00     4.65
4.65     YES                    NO
 L0000929         0   0.12285E-02  370636.4 3809437.2   499.1     5.00     4.65
4.65     YES                    NO
 L0000930         0   0.12285E-02  370645.5 3809433.3   499.3     5.00     4.65
4.65     YES                    NO
 L0000931         0   0.12285E-02  370655.0 3809430.2   499.6     5.00     4.65
4.65     YES                    NO
 L0000932         0   0.12285E-02  370664.8 3809429.1   499.9     5.00     4.65
4.65     YES                    NO
 L0000933         0   0.12285E-02  370674.8 3809429.6   500.1     5.00     4.65
4.65     YES                    NO
 L0000934         0   0.12285E-02  370682.9 3809423.7   500.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000935	0	0.12285E-02	370691.0	3809417.8	500.6	5.00	4.65	4.65
YES		NO						
L0000936	0	0.12285E-02	370699.0	3809412.0	500.9	5.00	4.65	4.65
YES		NO						
L0000937	0	0.12285E-02	370707.1	3809406.1	501.2	5.00	4.65	4.65
YES		NO						
L0000938	0	0.12285E-02	370715.2	3809400.2	501.5	5.00	4.65	4.65
YES		NO						
L0000939	0	0.12285E-02	370722.2	3809403.6	501.4	5.00	4.65	4.65
YES		NO						
L0000940	0	0.12285E-02	370728.6	3809411.3	501.2	5.00	4.65	4.65
YES		NO						
L0000941	0	0.12285E-02	370735.0	3809419.0	501.1	5.00	4.65	4.65
YES		NO						
L0000942	0	0.12285E-02	370741.4	3809426.7	501.0	5.00	4.65	4.65
YES		NO						
L0000943	0	0.12285E-02	370739.1	3809433.1	500.7	5.00	4.65	4.65
YES		NO						
L0000944	0	0.12285E-02	370730.8	3809438.7	500.4	5.00	4.65	4.65
YES		NO						
L0000945	0	0.12285E-02	370722.6	3809444.4	500.2	5.00	4.65	4.65
YES		NO						
L0000946	0	0.12285E-02	370714.3	3809450.0	500.0	5.00	4.65	4.65
YES		NO						
L0000947	0	0.12285E-02	370706.0	3809455.6	499.9	5.00	4.65	4.65
YES		NO						
L0000948	0	0.12285E-02	370697.8	3809461.2	499.9	5.00	4.65	4.65
YES		NO						
L0000949	0	0.12285E-02	370689.5	3809466.9	499.7	5.00	4.65	4.65
YES		NO						
L0000950	0	0.12285E-02	370681.2	3809472.5	499.5	5.00	4.65	4.65
YES		NO						
L0000951	0	0.12285E-02	370673.0	3809478.1	499.2	5.00	4.65	4.65
YES		NO						
L0000952	0	0.12285E-02	370664.7	3809483.7	499.0	5.00	4.65	4.65
YES		NO						
L0000953	0	0.12285E-02	370657.5	3809490.2	498.7	5.00	4.65	4.65
YES		NO						
L0000954	0	0.12285E-02	370653.7	3809499.5	498.4	5.00	4.65	4.65
YES		NO						
L0000955	0	0.12285E-02	370649.9	3809508.7	498.1	5.00	4.65	4.65
YES		NO						
L0000956	0	0.12285E-02	370646.1	3809518.0	497.8	5.00	4.65	4.65
YES		NO						
L0000957	0	0.12285E-02	370642.4	3809527.3	497.5	5.00	4.65	4.65
YES		NO						
L0000958	0	0.12285E-02	370638.6	3809536.5	497.2	5.00	4.65	4.65
YES		NO						

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 L0000959         0   0.12285E-02  370634.8 3809545.8   496.9     5.00     4.65
4.65     YES                    NO
 L0000960         0   0.12285E-02  370631.0 3809555.0   496.6     5.00     4.65
4.65     YES                    NO
 L0000961         0   0.12285E-02  370627.2 3809564.3   496.3     5.00     4.65
4.65     YES                    NO
 L0000962         0   0.12285E-02  370621.8 3809569.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000963         0   0.12285E-02  370622.7 3809561.4   496.3     5.00     4.65
4.65     YES                    NO
 L0000964         0   0.12285E-02  370626.0 3809552.0   496.6     5.00     4.65
4.65     YES                    NO
 L0000965         0   0.12285E-02  370629.4 3809542.6   496.9     5.00     4.65
4.65     YES                    NO
 L0000966         0   0.12285E-02  370632.8 3809533.1   497.1     5.00     4.65
4.65     YES                    NO
 L0000967         0   0.12285E-02  370636.1 3809523.7   497.5     5.00     4.65
4.65     YES                    NO
 L0000968         0   0.12285E-02  370639.5 3809514.3   497.8     5.00     4.65
4.65     YES                    NO
 L0000969         0   0.12285E-02  370642.9 3809504.9   498.1     5.00     4.65
4.65     YES                    NO
 L0000970         0   0.12285E-02  370646.2 3809495.5   498.4     5.00     4.65
4.65     YES                    NO
 L0000971         0   0.12285E-02  370646.5 3809486.5   498.6     5.00     4.65
4.65     YES                    NO
 L0000972         0   0.12285E-02  370640.7 3809478.4   498.5     5.00     4.65
4.65     YES                    NO
 L0000973         0   0.12285E-02  370634.9 3809470.2   498.5     5.00     4.65
4.65     YES                    NO
 L0000974         0   0.12285E-02  370629.1 3809462.1   498.5     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000975	0	0.12285E-02	370630.4	3809454.8	498.7	5.00	4.65	4.65
YES		NO						
L0000976	0	0.12285E-02	370637.9	3809448.3	498.9	5.00	4.65	4.65
YES		NO						
L0000977	0	0.12285E-02	370647.4	3809445.2	499.1	5.00	4.65	4.65
YES		NO						
L0000978	0	0.12285E-02	370657.1	3809442.6	499.5	5.00	4.65	4.65
YES		NO						
L0000979	0	0.12285E-02	370666.9	3809441.0	499.8	5.00	4.65	4.65
YES		NO						
L0000980	0	0.12285E-02	370676.8	3809439.4	500.0	5.00	4.65	4.65
YES		NO						
L0000981	0	0.12285E-02	370686.4	3809437.1	500.2	5.00	4.65	4.65
YES		NO						
L0000982	0	0.12285E-02	370694.8	3809431.6	500.4	5.00	4.65	4.65
YES		NO						
L0000983	0	0.12285E-02	370703.1	3809426.1	500.5	5.00	4.65	4.65
YES		NO						
L0000984	0	0.12285E-02	370711.5	3809420.6	500.6	5.00	4.65	4.65
YES		NO						
L0000985	0	0.12285E-02	370719.6	3809418.0	500.8	5.00	4.65	4.65
YES		NO						
L0000986	0	0.12285E-02	370727.2	3809424.6	500.7	5.00	4.65	4.65
YES		NO						
L0000987	0	0.12285E-02	370727.4	3809430.8	500.6	5.00	4.65	4.65
YES		NO						
L0000988	0	0.12285E-02	370719.2	3809436.5	500.3	5.00	4.65	4.65
YES		NO						
L0000989	0	0.12285E-02	370711.1	3809442.3	500.2	5.00	4.65	4.65
YES		NO						
L0000990	0	0.12285E-02	370702.9	3809448.1	500.1	5.00	4.65	4.65
YES		NO						
L0000991	0	0.12285E-02	370694.8	3809453.9	500.0	5.00	4.65	4.65
YES		NO						
L0000992	0	0.12285E-02	370686.6	3809459.7	499.8	5.00	4.65	4.65
YES		NO						
L0000993	0	0.12285E-02	370678.5	3809465.5	499.6	5.00	4.65	4.65
YES		NO						
L0000994	0	0.12285E-02	370670.3	3809471.3	499.4	5.00	4.65	4.65
YES		NO						
L0000995	0	0.12285E-02	370662.1	3809477.1	499.0	5.00	4.65	4.65
YES		NO						
L0000996	0	0.12285E-02	370654.2	3809481.4	498.8	5.00	4.65	4.65
YES		NO						
L0000997	0	0.12285E-02	370647.7	3809473.7	498.7	5.00	4.65	4.65
YES		NO						
L0000998	0	0.12285E-02	370641.2	3809466.1	498.7	5.00	4.65	4.65
YES		NO						

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 L0000999         0   0.12285E-02  370643.3 3809459.5   498.8     5.00     4.65
4.65     YES                    NO
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4.65     YES                    NO
 L0001001         0   0.12285E-02  370661.2 3809452.8   499.4     5.00     4.65
4.65     YES                    NO
 L0001002         0   0.12285E-02  370671.1 3809451.9   499.7     5.00     4.65
4.65     YES                    NO
 L0001003         0   0.12285E-02  370679.7 3809446.8   499.9     5.00     4.65
4.65     YES                    NO
 L0001004         0   0.12285E-02  370688.3 3809441.7   500.1     5.00     4.65
4.65     YES                    NO
 L0001005         0   0.12285E-02  370696.9 3809436.6   500.3     5.00     4.65
4.65     YES                    NO
 L0001006         0   0.12285E-02  370705.5 3809431.5   500.4     5.00     4.65
4.65     YES                    NO
 L0001007         0   0.12285E-02  370711.8 3809431.2   500.4     5.00     4.65
4.65     YES                    NO
 L0001008         0   0.12285E-02  370709.8 3809439.6   500.2     5.00     4.65
4.65     YES                    NO
 L0001009         0   0.12285E-02  370701.3 3809444.9   500.1     5.00     4.65
4.65     YES                    NO
 L0001010         0   0.12285E-02  370692.9 3809450.2   500.0     5.00     4.65
4.65     YES                    NO
 L0001011         0   0.12285E-02  370684.4 3809455.5   499.9     5.00     4.65
4.65     YES                    NO
 L0001012         0   0.12285E-02  370675.9 3809460.7   499.6     5.00     4.65
4.65     YES                    NO
 L0001013         0   0.12285E-02  370667.4 3809466.0   499.4     5.00     4.65
4.65     YES                    NO
 L0001014         0   0.12285E-02  370658.9 3809471.3   499.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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L0000201	0	0.12285E-02	370991.7	3809371.1	500.4	5.00	4.65	4.65
YES		NO						
L0000202	0	0.12285E-02	371001.7	3809371.1	500.1	5.00	4.65	4.65
YES		NO						
L0000203	0	0.12285E-02	371011.7	3809371.1	499.8	5.00	4.65	4.65
YES		NO						
L0000204	0	0.12285E-02	371015.5	3809377.0	499.7	5.00	4.65	4.65
YES		NO						
L0000205	0	0.12285E-02	371015.1	3809387.0	499.7	5.00	4.65	4.65
YES		NO						
L0000206	0	0.12285E-02	371014.7	3809397.0	499.6	5.00	4.65	4.65
YES		NO						
L0000207	0	0.12285E-02	371014.3	3809407.0	499.5	5.00	4.65	4.65
YES		NO						
L0000208	0	0.12285E-02	371013.9	3809417.0	499.4	5.00	4.65	4.65
YES		NO						
L0000209	0	0.12285E-02	371013.5	3809427.0	499.3	5.00	4.65	4.65
YES		NO						
L0000210	0	0.12285E-02	371013.1	3809437.0	499.2	5.00	4.65	4.65
YES		NO						
L0000211	0	0.12285E-02	371012.8	3809447.0	499.2	5.00	4.65	4.65
YES		NO						
L0000212	0	0.12285E-02	371012.4	3809457.0	499.0	5.00	4.65	4.65
YES		NO						
L0000213	0	0.12285E-02	371012.0	3809467.0	498.6	5.00	4.65	4.65
YES		NO						
L0000214	0	0.12285E-02	371011.6	3809477.0	498.2	5.00	4.65	4.65
YES		NO						
L0000215	0	0.12285E-02	371011.2	3809487.0	497.9	5.00	4.65	4.65
YES		NO						
L0000216	0	0.12285E-02	371010.8	3809497.0	497.7	5.00	4.65	4.65
YES		NO						
L0000217	0	0.12285E-02	371010.4	3809506.9	497.4	5.00	4.65	4.65
YES		NO						
L0000218	0	0.12285E-02	371010.0	3809516.9	497.1	5.00	4.65	4.65
YES		NO						
L0000219	0	0.12285E-02	371009.7	3809526.9	496.8	5.00	4.65	4.65
YES		NO						
L0000220	0	0.12285E-02	371009.3	3809536.9	496.5	5.00	4.65	4.65
YES		NO						
L0000221	0	0.12285E-02	371008.9	3809546.9	496.2	5.00	4.65	4.65
YES		NO						
L0000222	0	0.12285E-02	371008.5	3809556.9	496.0	5.00	4.65	4.65
YES		NO						
L0000223	0	0.12285E-02	371008.1	3809566.9	495.8	5.00	4.65	4.65
YES		NO						
L0000224	0	0.12285E-02	371007.7	3809576.9	495.4	5.00	4.65	4.65
YES		NO						

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 L0000225         0   0.12285E-02  371007.3 3809586.9   494.9     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.12285E-02  371006.9 3809596.9   494.5     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.12285E-02  371006.6 3809606.9   494.0     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.12285E-02  371006.2 3809616.9   493.7     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.12285E-02  371004.1 3809626.6   493.5     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.12285E-02  371001.0 3809636.0   493.2     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.12285E-02  370997.8 3809645.5   493.3     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.12285E-02  370994.7 3809655.0   493.4     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.12285E-02  370995.3 3809664.7   493.5     5.00     4.65
4.65     YES                    NO
 L0000234         0   0.12285E-02  371004.6 3809668.2   493.3     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.12285E-02  371013.9 3809671.8   493.1     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.12285E-02  371021.4 3809675.9   492.9     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.12285E-02  371015.4 3809683.9   492.8     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.12285E-02  371009.4 3809691.9   492.8     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.12285E-02  371003.3 3809699.9   492.6     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.12285E-02  370997.3 3809707.9   492.5     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000241	0	0.12285E-02	370991.3	3809715.9	492.4	5.00	4.65	4.65
YES		NO						
L0000242	0	0.12285E-02	370985.3	3809723.8	492.2	5.00	4.65	4.65
YES		NO						
L0000243	0	0.12285E-02	370978.1	3809730.6	492.2	5.00	4.65	4.65
YES		NO						
L0000244	0	0.12285E-02	370970.0	3809736.5	492.2	5.00	4.65	4.65
YES		NO						
L0000245	0	0.12285E-02	370961.9	3809742.3	492.1	5.00	4.65	4.65
YES		NO						
L0000246	0	0.12285E-02	370953.8	3809748.2	492.1	5.00	4.65	4.65
YES		NO						
L0000247	0	0.12285E-02	370946.1	3809754.5	492.1	5.00	4.65	4.65
YES		NO						
L0000248	0	0.12285E-02	370939.4	3809761.9	492.0	5.00	4.65	4.65
YES		NO						
L0000249	0	0.12285E-02	370935.7	3809769.5	491.8	5.00	4.65	4.65
YES		NO						
L0000250	0	0.12285E-02	370941.9	3809777.3	491.5	5.00	4.65	4.65
YES		NO						
L0000251	0	0.12285E-02	370948.1	3809785.2	491.3	5.00	4.65	4.65
YES		NO						
L0000252	0	0.12285E-02	370954.3	3809793.1	491.1	5.00	4.65	4.65
YES		NO						
L0000253	0	0.12285E-02	370960.4	3809800.9	490.8	5.00	4.65	4.65
YES		NO						
L0000254	0	0.12285E-02	370966.6	3809808.8	490.6	5.00	4.65	4.65
YES		NO						
L0000255	0	0.12285E-02	370974.7	3809813.0	490.4	5.00	4.65	4.65
YES		NO						
L0000256	0	0.12285E-02	370984.7	3809813.5	490.4	5.00	4.65	4.65
YES		NO						
L0000257	0	0.12285E-02	370992.4	3809808.0	490.4	5.00	4.65	4.65
YES		NO						
L0000258	0	0.12285E-02	370999.6	3809801.1	490.5	5.00	4.65	4.65
YES		NO						
L0000259	0	0.12285E-02	371006.8	3809794.2	490.6	5.00	4.65	4.65
YES		NO						
L0000260	0	0.12285E-02	371013.5	3809786.7	490.7	5.00	4.65	4.65
YES		NO						
L0000261	0	0.12285E-02	371019.7	3809778.9	490.8	5.00	4.65	4.65
YES		NO						
L0000262	0	0.12285E-02	371026.0	3809771.1	490.9	5.00	4.65	4.65
YES		NO						
L0000263	0	0.12285E-02	371032.2	3809763.3	490.9	5.00	4.65	4.65
YES		NO						
L0000264	0	0.12285E-02	371038.5	3809755.5	491.1	5.00	4.65	4.65
YES		NO						

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 L0000265         0   0.12285E-02  371044.7 3809747.7   491.2     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.12285E-02  371051.0 3809739.9   491.4     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.12285E-02  371057.2 3809732.1   491.4     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.12285E-02  371063.4 3809724.3   491.5     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.12285E-02  371069.7 3809716.5   491.6     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.12285E-02  371075.9 3809708.7   491.6     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.12285E-02  371083.3 3809710.8   491.5     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.12285E-02  371088.8 3809717.3   491.4     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.12285E-02  371082.2 3809724.8   491.3     5.00     4.65
4.65     YES                    NO
 L0000274         0   0.12285E-02  371075.7 3809732.4   491.3     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.12285E-02  371069.1 3809739.9   491.2     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.12285E-02  371062.6 3809747.5   491.2     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.12285E-02  371056.0 3809755.0   491.1     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.12285E-02  371049.5 3809762.6   491.0     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.12285E-02  371042.9 3809770.1   490.8     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.12285E-02  371036.4 3809777.7   490.7     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000281	0	0.12285E-02	371029.8	3809785.3	490.6	5.00	4.65	4.65
YES		NO						
L0000282	0	0.12285E-02	371023.2	3809792.8	490.5	5.00	4.65	4.65
YES		NO						
L0000283	0	0.12285E-02	371016.7	3809800.4	490.4	5.00	4.65	4.65
YES		NO						
L0000284	0	0.12285E-02	371010.1	3809807.9	490.4	5.00	4.65	4.65
YES		NO						
L0000285	0	0.12285E-02	371007.5	3809814.4	490.3	5.00	4.65	4.65
YES		NO						
L0000286	0	0.12285E-02	371017.0	3809817.8	490.2	5.00	4.65	4.65
YES		NO						
L0000287	0	0.12285E-02	371026.4	3809821.1	490.1	5.00	4.65	4.65
YES		NO						
L0000288	0	0.12285E-02	371035.8	3809824.5	490.1	5.00	4.65	4.65
YES		NO						
L0000289	0	0.12285E-02	371044.3	3809823.7	490.1	5.00	4.65	4.65
YES		NO						
L0000290	0	0.12285E-02	371051.5	3809816.7	490.2	5.00	4.65	4.65
YES		NO						
L0000291	0	0.12285E-02	371058.6	3809809.7	490.3	5.00	4.65	4.65
YES		NO						
L0000292	0	0.12285E-02	371065.8	3809802.7	490.4	5.00	4.65	4.65
YES		NO						
L0000293	0	0.12285E-02	371072.9	3809795.7	490.5	5.00	4.65	4.65
YES		NO						
L0000294	0	0.12285E-02	371080.0	3809788.7	490.6	5.00	4.65	4.65
YES		NO						
L0000295	0	0.12285E-02	371085.9	3809780.6	490.7	5.00	4.65	4.65
YES		NO						
L0000296	0	0.12285E-02	371091.2	3809772.2	490.8	5.00	4.65	4.65
YES		NO						
L0000297	0	0.12285E-02	371096.6	3809763.8	490.8	5.00	4.65	4.65
YES		NO						
L0000298	0	0.12285E-02	371102.9	3809759.7	490.8	5.00	4.65	4.65
YES		NO						
L0000299	0	0.12285E-02	371106.4	3809767.1	490.8	5.00	4.65	4.65
YES		NO						
L0000300	0	0.12285E-02	371103.9	3809776.7	490.7	5.00	4.65	4.65
YES		NO						
L0000301	0	0.12285E-02	371101.3	3809786.4	490.6	5.00	4.65	4.65
YES		NO						
L0000302	0	0.12285E-02	371098.7	3809796.0	490.6	5.00	4.65	4.65
YES		NO						
L0000303	0	0.12285E-02	371096.1	3809805.7	490.5	5.00	4.65	4.65
YES		NO						
L0000304	0	0.12285E-02	371093.5	3809815.4	490.4	5.00	4.65	4.65
YES		NO						

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 L0000305         0   0.12285E-02  371090.9 3809825.0   490.4     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.12285E-02  371086.6 3809831.0   490.4     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.12285E-02  371081.1 3809825.4   490.3     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.12285E-02  371084.4 3809815.9   490.4     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.12285E-02  371087.7 3809806.5   490.5     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.12285E-02  371091.0 3809797.0   490.6     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.12285E-02  371093.2 3809789.4   490.6     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.12285E-02  371086.8 3809797.2   490.6     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.12285E-02  371080.4 3809804.9   490.5     5.00     4.65
4.65     YES                    NO
 L0000314         0   0.12285E-02  371074.1 3809812.6   490.4     5.00     4.65
4.65     YES                    NO
 L0000315         0   0.12285E-02  371067.7 3809820.3   490.3     5.00     4.65
4.65     YES                    NO
 L0000316         0   0.12285E-02  371061.3 3809828.0   490.2     5.00     4.65
4.65     YES                    NO
 L0000317         0   0.12285E-02  371064.8 3809834.3   490.2     5.00     4.65
4.65     YES                    NO
 L0000318         0   0.12285E-02  371073.0 3809839.9   490.2     5.00     4.65
4.65     YES                    NO
 L0000319         0   0.12285E-02  371075.4 3809847.6   490.1     5.00     4.65
4.65     YES                    NO
 L0000320         0   0.12285E-02  371072.5 3809857.2   490.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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L0000321	0	0.12285E-02	371069.6	3809866.8	490.0	5.00	4.65	4.65
YES		NO						
L0000322	0	0.12285E-02	371066.8	3809876.3	489.9	5.00	4.65	4.65
YES		NO						
L0000323	0	0.12285E-02	371063.9	3809885.9	489.8	5.00	4.65	4.65
YES		NO						
L0000324	0	0.12285E-02	371061.0	3809895.5	489.9	5.00	4.65	4.65
YES		NO						
L0000325	0	0.12285E-02	371058.1	3809905.1	490.0	5.00	4.65	4.65
YES		NO						
L0000326	0	0.12285E-02	371058.7	3809912.8	490.2	5.00	4.65	4.65
YES		NO						
L0000327	0	0.12285E-02	371068.2	3809915.8	490.4	5.00	4.65	4.65
YES		NO						
L0000328	0	0.12285E-02	371077.8	3809918.8	490.6	5.00	4.65	4.65
YES		NO						
L0000329	0	0.12285E-02	371087.3	3809921.8	490.8	5.00	4.65	4.65
YES		NO						
L0000330	0	0.12285E-02	371096.8	3809924.9	491.0	5.00	4.65	4.65
YES		NO						
L0000331	0	0.12285E-02	371102.6	3809928.4	491.2	5.00	4.65	4.65
YES		NO						
L0000332	0	0.12285E-02	371094.2	3809933.9	490.9	5.00	4.65	4.65
YES		NO						
L0000333	0	0.12285E-02	371085.9	3809939.4	490.7	5.00	4.65	4.65
YES		NO						
L0000334	0	0.12285E-02	371077.5	3809944.8	490.5	5.00	4.65	4.65
YES		NO						
L0000335	0	0.12285E-02	371069.2	3809950.3	490.5	5.00	4.65	4.65
YES		NO						
L0000336	0	0.12285E-02	371060.8	3809955.8	490.5	5.00	4.65	4.65
YES		NO						
L0000337	0	0.12285E-02	371052.0	3809960.4	490.3	5.00	4.65	4.65
YES		NO						
L0000338	0	0.12285E-02	371042.4	3809963.0	490.0	5.00	4.65	4.65
YES		NO						
L0000339	0	0.12285E-02	371032.7	3809961.4	489.7	5.00	4.65	4.65
YES		NO						
L0000340	0	0.12285E-02	371023.0	3809958.9	489.3	5.00	4.65	4.65
YES		NO						
L0000341	0	0.12285E-02	371013.4	3809956.4	488.9	5.00	4.65	4.65
YES		NO						
L0000342	0	0.12285E-02	371003.7	3809953.8	488.7	5.00	4.65	4.65
YES		NO						
L0000343	0	0.12285E-02	370994.0	3809951.3	488.5	5.00	4.65	4.65
YES		NO						
L0000344	0	0.12285E-02	370984.3	3809948.8	488.4	5.00	4.65	4.65
YES		NO						

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 L0000345         0   0.12285E-02  370974.7 3809946.2   488.3     5.00     4.65
4.65     YES                    NO
 L0000346         0   0.12285E-02  370965.0 3809943.7   488.2     5.00     4.65
4.65     YES                    NO
 L0000347         0   0.12285E-02  370955.3 3809941.2   488.0     5.00     4.65
4.65     YES                    NO
 L0000348         0   0.12285E-02  370945.6 3809938.6   487.9     5.00     4.65
4.65     YES                    NO
 L0000349         0   0.12285E-02  370936.0 3809936.1   487.8     5.00     4.65
4.65     YES                    NO
 L0000350         0   0.12285E-02  370926.3 3809933.6   487.8     5.00     4.65
4.65     YES                    NO
 L0000351         0   0.12285E-02  370916.6 3809931.0   487.8     5.00     4.65
4.65     YES                    NO
 L0000352         0   0.12285E-02  370906.9 3809928.5   487.9     5.00     4.65
4.65     YES                    NO
 L0000353         0   0.12285E-02  370909.0 3809920.7   488.1     5.00     4.65
4.65     YES                    NO
 L0000354         0   0.12285E-02  370915.4 3809916.2   488.2     5.00     4.65
4.65     YES                    NO
 L0000355         0   0.12285E-02  370925.1 3809918.8   488.1     5.00     4.65
4.65     YES                    NO
 L0000356         0   0.12285E-02  370934.7 3809921.4   488.0     5.00     4.65
4.65     YES                    NO
 L0000357         0   0.12285E-02  370944.4 3809924.0   488.0     5.00     4.65
4.65     YES                    NO
 L0000358         0   0.12285E-02  370954.0 3809926.6   488.0     5.00     4.65
4.65     YES                    NO
 L0000359         0   0.12285E-02  370963.7 3809929.2   488.2     5.00     4.65
4.65     YES                    NO
 L0000360         0   0.12285E-02  370973.3 3809931.8   488.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000361	0	0.12285E-02	370983.0	3809934.4	488.5	5.00	4.65	4.65
YES		NO						
L0000362	0	0.12285E-02	370992.6	3809937.0	488.6	5.00	4.65	4.65
YES		NO						
L0000363	0	0.12285E-02	371002.3	3809939.6	488.7	5.00	4.65	4.65
YES		NO						
L0000364	0	0.12285E-02	371012.0	3809942.2	488.9	5.00	4.65	4.65
YES		NO						
L0000365	0	0.12285E-02	371021.6	3809944.8	489.2	5.00	4.65	4.65
YES		NO						
L0000366	0	0.12285E-02	371031.3	3809947.4	489.5	5.00	4.65	4.65
YES		NO						
L0000367	0	0.12285E-02	371040.9	3809950.0	489.8	5.00	4.65	4.65
YES		NO						
L0000368	0	0.12285E-02	371049.1	3809945.7	489.9	5.00	4.65	4.65
YES		NO						
L0000369	0	0.12285E-02	371056.8	3809939.3	490.1	5.00	4.65	4.65
YES		NO						
L0000370	0	0.12285E-02	371064.5	3809933.0	490.2	5.00	4.65	4.65
YES		NO						
L0000371	0	0.12285E-02	371068.4	3809927.2	490.3	5.00	4.65	4.65
YES		NO						
L0000372	0	0.12285E-02	371059.1	3809923.5	490.1	5.00	4.65	4.65
YES		NO						
L0000373	0	0.12285E-02	371049.8	3809919.8	489.9	5.00	4.65	4.65
YES		NO						
L0000374	0	0.12285E-02	371040.3	3809916.9	489.7	5.00	4.65	4.65
YES		NO						
L0000375	0	0.12285E-02	371030.7	3809913.9	489.5	5.00	4.65	4.65
YES		NO						
L0000376	0	0.12285E-02	371021.2	3809910.9	489.3	5.00	4.65	4.65
YES		NO						
L0000377	0	0.12285E-02	371011.6	3809907.9	489.1	5.00	4.65	4.65
YES		NO						
L0000378	0	0.12285E-02	371002.1	3809904.9	489.1	5.00	4.65	4.65
YES		NO						
L0000379	0	0.12285E-02	370992.6	3809902.0	489.0	5.00	4.65	4.65
YES		NO						
L0000380	0	0.12285E-02	370983.0	3809899.0	489.0	5.00	4.65	4.65
YES		NO						
L0000381	0	0.12285E-02	370973.5	3809896.0	488.9	5.00	4.65	4.65
YES		NO						
L0000382	0	0.12285E-02	370963.9	3809893.0	488.8	5.00	4.65	4.65
YES		NO						
L0000383	0	0.12285E-02	370964.4	3809884.3	489.0	5.00	4.65	4.65
YES		NO						
L0000384	0	0.12285E-02	370972.3	3809884.4	489.2	5.00	4.65	4.65
YES		NO						

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 L0000385         0   0.12285E-02  370981.8 3809887.5   489.2     5.00     4.65
4.65     YES                    NO
 L0000386         0   0.12285E-02  370991.4 3809890.5   489.3     5.00     4.65
4.65     YES                    NO
 L0000387         0   0.12285E-02  371000.9 3809893.5   489.3     5.00     4.65
4.65     YES                    NO
 L0000388         0   0.12285E-02  371010.4 3809896.5   489.4     5.00     4.65
4.65     YES                    NO
 L0000389         0   0.12285E-02  371020.0 3809899.5   489.4     5.00     4.65
4.65     YES                    NO
 L0000390         0   0.12285E-02  371029.5 3809902.6   489.6     5.00     4.65
4.65     YES                    NO
 L0000391         0   0.12285E-02  371039.0 3809905.6   489.7     5.00     4.65
4.65     YES                    NO
 L0000392         0   0.12285E-02  371047.0 3809905.6   489.8     5.00     4.65
4.65     YES                    NO
 L0000393         0   0.12285E-02  371049.9 3809896.1   489.8     5.00     4.65
4.65     YES                    NO
 L0000394         0   0.12285E-02  371052.8 3809886.5   489.7     5.00     4.65
4.65     YES                    NO
 L0000395         0   0.12285E-02  371055.7 3809876.9   489.6     5.00     4.65
4.65     YES                    NO
 L0000396         0   0.12285E-02  371058.5 3809867.3   489.8     5.00     4.65
4.65     YES                    NO
 L0000397         0   0.12285E-02  371061.4 3809857.8   489.9     5.00     4.65
4.65     YES                    NO
 L0000398         0   0.12285E-02  371052.8 3809854.1   489.9     5.00     4.65
4.65     YES                    NO
 L0000399         0   0.12285E-02  371043.3 3809851.0   489.9     5.00     4.65
4.65     YES                    NO
 L0000400         0   0.12285E-02  371033.9 3809847.8   489.9     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000401	0	0.12285E-02	371024.4	3809844.6	489.8	5.00	4.65	4.65
YES		NO						
L0000402	0	0.12285E-02	371014.9	3809841.4	489.9	5.00	4.65	4.65
YES		NO						
L0000403	0	0.12285E-02	371005.4	3809838.2	489.9	5.00	4.65	4.65
YES		NO						
L0000404	0	0.12285E-02	370995.9	3809835.0	489.9	5.00	4.65	4.65
YES		NO						
L0000405	0	0.12285E-02	370986.5	3809831.8	490.0	5.00	4.65	4.65
YES		NO						
L0000406	0	0.12285E-02	370977.0	3809828.6	490.1	5.00	4.65	4.65
YES		NO						
L0000407	0	0.12285E-02	370967.5	3809825.4	490.2	5.00	4.65	4.65
YES		NO						
L0000408	0	0.12285E-02	370958.0	3809822.3	490.4	5.00	4.65	4.65
YES		NO						
L0000409	0	0.12285E-02	370948.6	3809819.1	490.5	5.00	4.65	4.65
YES		NO						
L0000410	0	0.12285E-02	370939.1	3809815.9	490.6	5.00	4.65	4.65
YES		NO						
L0000411	0	0.12285E-02	370929.6	3809812.7	490.7	5.00	4.65	4.65
YES		NO						
L0000412	0	0.12285E-02	370920.1	3809809.5	490.8	5.00	4.65	4.65
YES		NO						
L0000413	0	0.12285E-02	370910.6	3809806.3	491.0	5.00	4.65	4.65
YES		NO						
L0000414	0	0.12285E-02	370901.2	3809803.1	491.1	5.00	4.65	4.65
YES		NO						
L0000415	0	0.12285E-02	370891.7	3809799.9	491.2	5.00	4.65	4.65
YES		NO						
L0000416	0	0.12285E-02	370882.2	3809796.7	491.3	5.00	4.65	4.65
YES		NO						
L0000417	0	0.12285E-02	370872.7	3809793.5	491.4	5.00	4.65	4.65
YES		NO						
L0000418	0	0.12285E-02	370863.3	3809790.4	491.4	5.00	4.65	4.65
YES		NO						
L0000419	0	0.12285E-02	370853.8	3809787.2	491.4	5.00	4.65	4.65
YES		NO						
L0000420	0	0.12285E-02	370844.3	3809784.0	491.7	5.00	4.65	4.65
YES		NO						
L0000421	0	0.12285E-02	370834.8	3809780.8	491.9	5.00	4.65	4.65
YES		NO						
L0000422	0	0.12285E-02	370825.3	3809777.6	492.0	5.00	4.65	4.65
YES		NO						
L0000423	0	0.12285E-02	370815.9	3809774.4	492.2	5.00	4.65	4.65
YES		NO						
L0000424	0	0.12285E-02	370807.7	3809770.3	492.3	5.00	4.65	4.65
YES		NO						

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 L0000425         0   0.12285E-02  370807.4 3809760.3   492.6     5.00     4.65
4.65     YES                    NO
 L0000426         0   0.12285E-02  370807.1 3809750.3   492.9     5.00     4.65
4.65     YES                    NO
 L0000427         0   0.12285E-02  370806.9 3809740.3   493.2     5.00     4.65
4.65     YES                    NO
 L0000428         0   0.12285E-02  370806.6 3809730.3   493.5     5.00     4.65
4.65     YES                    NO
 L0000429         0   0.12285E-02  370806.3 3809720.3   493.7     5.00     4.65
4.65     YES                    NO
 L0000430         0   0.12285E-02  370805.8 3809710.3   493.9     5.00     4.65
4.65     YES                    NO
 L0000431         0   0.12285E-02  370806.5 3809702.4   494.1     5.00     4.65
4.65     YES                    NO
 L0000432         0   0.12285E-02  370816.5 3809702.0   494.2     5.00     4.65
4.65     YES                    NO
 L0000433         0   0.12285E-02  370826.5 3809701.5   494.3     5.00     4.65
4.65     YES                    NO
 L0000434         0   0.12285E-02  370836.5 3809701.0   494.4     5.00     4.65
4.65     YES                    NO
 L0000435         0   0.12285E-02  370846.5 3809700.5   494.5     5.00     4.65
4.65     YES                    NO
 L0000436         0   0.12285E-02  370856.4 3809699.8   494.5     5.00     4.65
4.65     YES                    NO
 L0000437         0   0.12285E-02  370866.2 3809697.8   494.4     5.00     4.65
4.65     YES                    NO
 L0000438         0   0.12285E-02  370875.8 3809695.0   494.4     5.00     4.65
4.65     YES                    NO
 L0000439         0   0.12285E-02  370885.2 3809691.7   494.4     5.00     4.65
4.65     YES                    NO
 L0000440         0   0.12285E-02  370894.6 3809688.2   494.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000441	0	0.12285E-02	370903.7	3809684.1	494.5	5.00	4.65	4.65
YES		NO						
L0000442	0	0.12285E-02	370912.4	3809679.1	494.5	5.00	4.65	4.65
YES		NO						
L0000443	0	0.12285E-02	370921.1	3809674.2	494.4	5.00	4.65	4.65
YES		NO						
L0000444	0	0.12285E-02	370928.5	3809667.6	494.5	5.00	4.65	4.65
YES		NO						
L0000445	0	0.12285E-02	370935.1	3809660.2	494.5	5.00	4.65	4.65
YES		NO						
L0000446	0	0.12285E-02	370938.6	3809651.1	494.7	5.00	4.65	4.65
YES		NO						
L0000447	0	0.12285E-02	370941.6	3809641.6	494.9	5.00	4.65	4.65
YES		NO						
L0000448	0	0.12285E-02	370945.3	3809632.3	495.0	5.00	4.65	4.65
YES		NO						
L0000449	0	0.12285E-02	370949.0	3809623.0	495.2	5.00	4.65	4.65
YES		NO						
L0000450	0	0.12285E-02	370952.8	3809613.7	495.3	5.00	4.65	4.65
YES		NO						
L0000451	0	0.12285E-02	370958.6	3809607.3	495.3	5.00	4.65	4.65
YES		NO						
L0000452	0	0.12285E-02	370968.6	3809606.5	495.0	5.00	4.65	4.65
YES		NO						
L0000453	0	0.12285E-02	370978.6	3809605.8	494.7	5.00	4.65	4.65
YES		NO						
L0000454	0	0.12285E-02	370981.7	3809598.6	494.9	5.00	4.65	4.65
YES		NO						
L0000455	0	0.12285E-02	370981.8	3809588.6	495.4	5.00	4.65	4.65
YES		NO						
L0000456	0	0.12285E-02	370981.9	3809578.6	495.8	5.00	4.65	4.65
YES		NO						
L0000457	0	0.12285E-02	370981.9	3809568.6	496.2	5.00	4.65	4.65
YES		NO						
L0000458	0	0.12285E-02	370982.0	3809558.6	496.4	5.00	4.65	4.65
YES		NO						
L0000459	0	0.12285E-02	370982.1	3809548.6	496.7	5.00	4.65	4.65
YES		NO						
L0000460	0	0.12285E-02	370982.2	3809538.6	496.9	5.00	4.65	4.65
YES		NO						
L0000461	0	0.12285E-02	370982.3	3809528.6	497.2	5.00	4.65	4.65
YES		NO						
L0000462	0	0.12285E-02	370982.4	3809518.6	497.4	5.00	4.65	4.65
YES		NO						
L0000463	0	0.12285E-02	370982.5	3809508.6	497.6	5.00	4.65	4.65
YES		NO						
L0000464	0	0.12285E-02	370982.5	3809498.6	497.9	5.00	4.65	4.65
YES		NO						

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 L0000465         0   0.12285E-02  370982.6 3809488.6   498.2     5.00     4.65
4.65     YES                    NO
 L0000466         0   0.12285E-02  370982.7 3809478.6   498.5     5.00     4.65
4.65     YES                    NO
 L0000467         0   0.12285E-02  370982.8 3809468.6   498.9     5.00     4.65
4.65     YES                    NO
 L0000468         0   0.12285E-02  370982.9 3809458.6   499.2     5.00     4.65
4.65     YES                    NO
 L0000469         0   0.12285E-02  370983.0 3809448.6   499.5     5.00     4.65
4.65     YES                    NO
 L0000470         0   0.12285E-02  370983.1 3809438.6   499.7     5.00     4.65
4.65     YES                    NO
 L0000471         0   0.12285E-02  370983.2 3809428.6   499.8     5.00     4.65
4.65     YES                    NO
 L0000472         0   0.12285E-02  370983.2 3809418.6   500.0     5.00     4.65
4.65     YES                    NO
 L0000473         0   0.12285E-02  370983.3 3809408.6   500.2     5.00     4.65
4.65     YES                    NO
 L0000474         0   0.12285E-02  370983.4 3809398.6   500.4     5.00     4.65
4.65     YES                    NO
 L0000475         0   0.12285E-02  370983.5 3809388.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000476         0   0.12285E-02  370983.6 3809378.6   500.6     5.00     4.65
4.65     YES                    NO
 L0000477         0   0.12285E-02  370992.3 3809377.3   500.4     5.00     4.65
4.65     YES                    NO
 L0000478         0   0.12285E-02  371002.3 3809377.3   500.1     5.00     4.65
4.65     YES                    NO
 L0000479         0   0.12285E-02  371004.7 3809384.8   500.1     5.00     4.65
4.65     YES                    NO
 L0000480         0   0.12285E-02  371004.5 3809394.8   500.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000481	0	0.12285E-02	371004.3	3809404.8	499.8	5.00	4.65	4.65
YES		NO						
L0000482	0	0.12285E-02	371004.1	3809414.8	499.6	5.00	4.65	4.65
YES		NO						
L0000483	0	0.12285E-02	371003.8	3809424.8	499.5	5.00	4.65	4.65
YES		NO						
L0000484	0	0.12285E-02	371003.6	3809434.8	499.5	5.00	4.65	4.65
YES		NO						
L0000485	0	0.12285E-02	371003.4	3809444.7	499.5	5.00	4.65	4.65
YES		NO						
L0000486	0	0.12285E-02	371003.2	3809454.7	499.3	5.00	4.65	4.65
YES		NO						
L0000487	0	0.12285E-02	371002.9	3809464.7	498.9	5.00	4.65	4.65
YES		NO						
L0000488	0	0.12285E-02	371002.7	3809474.7	498.4	5.00	4.65	4.65
YES		NO						
L0000489	0	0.12285E-02	371002.5	3809484.7	498.1	5.00	4.65	4.65
YES		NO						
L0000490	0	0.12285E-02	371002.3	3809494.7	497.8	5.00	4.65	4.65
YES		NO						
L0000491	0	0.12285E-02	371002.0	3809504.7	497.5	5.00	4.65	4.65
YES		NO						
L0000492	0	0.12285E-02	371001.8	3809514.7	497.2	5.00	4.65	4.65
YES		NO						
L0000493	0	0.12285E-02	371001.6	3809524.7	496.9	5.00	4.65	4.65
YES		NO						
L0000494	0	0.12285E-02	371001.4	3809534.7	496.7	5.00	4.65	4.65
YES		NO						
L0000495	0	0.12285E-02	371001.1	3809544.7	496.4	5.00	4.65	4.65
YES		NO						
L0000496	0	0.12285E-02	371000.9	3809554.7	496.2	5.00	4.65	4.65
YES		NO						
L0000497	0	0.12285E-02	371000.7	3809564.7	495.9	5.00	4.65	4.65
YES		NO						
L0000498	0	0.12285E-02	371000.5	3809574.7	495.7	5.00	4.65	4.65
YES		NO						
L0000499	0	0.12285E-02	371000.3	3809584.7	495.2	5.00	4.65	4.65
YES		NO						
L0000500	0	0.12285E-02	371000.0	3809594.7	494.8	5.00	4.65	4.65
YES		NO						
L0000501	0	0.12285E-02	370999.8	3809604.7	494.3	5.00	4.65	4.65
YES		NO						
L0000502	0	0.12285E-02	370999.6	3809614.7	494.0	5.00	4.65	4.65
YES		NO						
L0000503	0	0.12285E-02	370998.0	3809624.4	493.7	5.00	4.65	4.65
YES		NO						
L0000504	0	0.12285E-02	370994.1	3809633.6	493.4	5.00	4.65	4.65
YES		NO						

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 L0000505         0   0.12285E-02  370990.2 3809642.8   493.4     5.00     4.65
4.65     YES                    NO
 L0000506         0   0.12285E-02  370986.3 3809652.1   493.5     5.00     4.65
4.65     YES                    NO
 L0000507         0   0.12285E-02  370982.5 3809661.3   493.6     5.00     4.65
4.65     YES                    NO
 L0000508         0   0.12285E-02  370986.9 3809667.5   493.5     5.00     4.65
4.65     YES                    NO
 L0000509         0   0.12285E-02  370995.8 3809672.2   493.3     5.00     4.65
4.65     YES                    NO
 L0000510         0   0.12285E-02  371004.6 3809676.9   493.1     5.00     4.65
4.65     YES                    NO
 L0000511         0   0.12285E-02  371000.1 3809684.7   493.0     5.00     4.65
4.65     YES                    NO
 L0000512         0   0.12285E-02  370994.3 3809692.9   492.9     5.00     4.65
4.65     YES                    NO
 L0000513         0   0.12285E-02  370988.5 3809701.0   492.8     5.00     4.65
4.65     YES                    NO
 L0000514         0   0.12285E-02  370982.7 3809709.2   492.6     5.00     4.65
4.65     YES                    NO
 L0000515         0   0.12285E-02  370976.9 3809717.3   492.5     5.00     4.65
4.65     YES                    NO
 L0000516         0   0.12285E-02  370971.1 3809725.4   492.4     5.00     4.65
4.65     YES                    NO
 L0000517         0   0.12285E-02  370963.3 3809731.5   492.4     5.00     4.65
4.65     YES                    NO
 L0000518         0   0.12285E-02  370954.9 3809736.9   492.4     5.00     4.65
4.65     YES                    NO
 L0000519         0   0.12285E-02  370946.5 3809742.4   492.4     5.00     4.65
4.65     YES                    NO
 L0000520         0   0.12285E-02  370938.1 3809747.8   492.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000521	0	0.12285E-02	370929.7	3809753.2	492.3	5.00	4.65	4.65
YES		NO						
L0000522	0	0.12285E-02	370921.3	3809758.7	492.2	5.00	4.65	4.65
YES		NO						
L0000523	0	0.12285E-02	370922.3	3809766.9	492.0	5.00	4.65	4.65
YES		NO						
L0000524	0	0.12285E-02	370926.3	3809776.1	491.7	5.00	4.65	4.65
YES		NO						
L0000525	0	0.12285E-02	370930.9	3809784.8	491.4	5.00	4.65	4.65
YES		NO						
L0000526	0	0.12285E-02	370938.3	3809791.5	491.2	5.00	4.65	4.65
YES		NO						
L0000527	0	0.12285E-02	370945.8	3809798.1	491.0	5.00	4.65	4.65
YES		NO						
L0000528	0	0.12285E-02	370953.3	3809804.8	490.8	5.00	4.65	4.65
YES		NO						
L0000529	0	0.12285E-02	370960.7	3809811.4	490.6	5.00	4.65	4.65
YES		NO						
L0000530	0	0.12285E-02	370969.9	3809815.2	490.4	5.00	4.65	4.65
YES		NO						
L0000531	0	0.12285E-02	370979.3	3809818.8	490.3	5.00	4.65	4.65
YES		NO						
L0000532	0	0.12285E-02	370988.7	3809822.1	490.2	5.00	4.65	4.65
YES		NO						
L0000533	0	0.12285E-02	370998.3	3809825.1	490.2	5.00	4.65	4.65
YES		NO						
L0000534	0	0.12285E-02	371007.8	3809828.0	490.1	5.00	4.65	4.65
YES		NO						
L0000535	0	0.12285E-02	371017.4	3809831.0	490.0	5.00	4.65	4.65
YES		NO						
L0000536	0	0.12285E-02	371026.9	3809833.9	489.9	5.00	4.65	4.65
YES		NO						
L0000537	0	0.12285E-02	371036.5	3809836.9	490.0	5.00	4.65	4.65
YES		NO						
L0000538	0	0.12285E-02	371046.0	3809839.9	490.0	5.00	4.65	4.65
YES		NO						
L0000539	0	0.12285E-02	371055.6	3809842.8	490.0	5.00	4.65	4.65
YES		NO						
L0000540	0	0.12285E-02	371065.1	3809845.8	490.1	5.00	4.65	4.65
YES		NO						
L0000541	0	0.12285E-02	371062.1	3809853.9	490.0	5.00	4.65	4.65
YES		NO						
L0000542	0	0.12285E-02	371053.1	3809851.3	490.0	5.00	4.65	4.65
YES		NO						
L0000543	0	0.12285E-02	371043.7	3809847.9	489.9	5.00	4.65	4.65
YES		NO						
L0000544	0	0.12285E-02	371034.3	3809844.4	489.9	5.00	4.65	4.65
YES		NO						

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 L0000545         0   0.12285E-02  371025.0 3809840.9   489.9     5.00     4.65
4.65     YES                    NO
 L0000546         0   0.12285E-02  371015.6 3809837.5   489.9     5.00     4.65
4.65     YES                    NO
 L0000547         0   0.12285E-02  371006.2 3809834.0   490.0     5.00     4.65
4.65     YES                    NO
 L0000548         0   0.12285E-02  370996.8 3809830.6   490.0     5.00     4.65
4.65     YES                    NO
 L0000549         0   0.12285E-02  370987.4 3809827.1   490.1     5.00     4.65
4.65     YES                    NO
 L0000550         0   0.12285E-02  370978.0 3809823.6   490.2     5.00     4.65
4.65     YES                    NO
 L0000551         0   0.12285E-02  370968.7 3809820.2   490.3     5.00     4.65
4.65     YES                    NO
 L0000552         0   0.12285E-02  370959.3 3809816.7   490.5     5.00     4.65
4.65     YES                    NO
 L0000553         0   0.12285E-02  370949.9 3809813.3   490.6     5.00     4.65
4.65     YES                    NO
 L0000554         0   0.12285E-02  370940.5 3809809.8   490.7     5.00     4.65
4.65     YES                    NO
 L0000555         0   0.12285E-02  370931.1 3809806.3   490.8     5.00     4.65
4.65     YES                    NO
 L0000556         0   0.12285E-02  370921.7 3809802.9   491.0     5.00     4.65
4.65     YES                    NO
 L0000557         0   0.12285E-02  370912.4 3809799.4   491.2     5.00     4.65
4.65     YES                    NO
 L0000558         0   0.12285E-02  370903.0 3809796.0   491.4     5.00     4.65
4.65     YES                    NO
 L0000559         0   0.12285E-02  370893.6 3809792.5   491.4     5.00     4.65
4.65     YES                    NO
 L0000560         0   0.12285E-02  370884.2 3809789.0   491.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000561	0	0.12285E-02	370874.8	3809785.6	491.7	5.00	4.65	4.65
YES		NO						
L0000562	0	0.12285E-02	370865.5	3809782.1	491.7	5.00	4.65	4.65
YES		NO						
L0000563	0	0.12285E-02	370856.1	3809778.7	491.8	5.00	4.65	4.65
YES		NO						
L0000564	0	0.12285E-02	370846.7	3809775.2	492.0	5.00	4.65	4.65
YES		NO						
L0000565	0	0.12285E-02	370837.3	3809771.7	492.2	5.00	4.65	4.65
YES		NO						
L0000566	0	0.12285E-02	370827.9	3809768.3	492.3	5.00	4.65	4.65
YES		NO						
L0000567	0	0.12285E-02	370818.5	3809764.8	492.4	5.00	4.65	4.65
YES		NO						
L0000568	0	0.12285E-02	370814.8	3809757.4	492.6	5.00	4.65	4.65
YES		NO						
L0000569	0	0.12285E-02	370814.8	3809747.4	492.9	5.00	4.65	4.65
YES		NO						
L0000570	0	0.12285E-02	370814.8	3809737.4	493.2	5.00	4.65	4.65
YES		NO						
L0000571	0	0.12285E-02	370814.8	3809727.4	493.5	5.00	4.65	4.65
YES		NO						
L0000572	0	0.12285E-02	370814.8	3809717.4	493.8	5.00	4.65	4.65
YES		NO						
L0000573	0	0.12285E-02	370823.7	3809715.1	493.9	5.00	4.65	4.65
YES		NO						
L0000574	0	0.12285E-02	370833.6	3809713.6	494.0	5.00	4.65	4.65
YES		NO						
L0000575	0	0.12285E-02	370843.5	3809712.2	494.1	5.00	4.65	4.65
YES		NO						
L0000576	0	0.12285E-02	370853.4	3809710.7	494.1	5.00	4.65	4.65
YES		NO						
L0000577	0	0.12285E-02	370863.3	3809709.2	494.1	5.00	4.65	4.65
YES		NO						
L0000578	0	0.12285E-02	370873.1	3809707.8	494.0	5.00	4.65	4.65
YES		NO						
L0000579	0	0.12285E-02	370883.0	3809706.3	494.0	5.00	4.65	4.65
YES		NO						
L0000580	0	0.12285E-02	370892.9	3809704.9	494.0	5.00	4.65	4.65
YES		NO						
L0000581	0	0.12285E-02	370902.0	3809701.3	494.0	5.00	4.65	4.65
YES		NO						
L0000582	0	0.12285E-02	370909.9	3809695.2	494.0	5.00	4.65	4.65
YES		NO						
L0000583	0	0.12285E-02	370917.8	3809689.1	494.0	5.00	4.65	4.65
YES		NO						
L0000584	0	0.12285E-02	370925.7	3809683.0	494.1	5.00	4.65	4.65
YES		NO						

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 L0000585         0   0.12285E-02  370933.6 3809676.9   494.1     5.00     4.65
4.65     YES                    NO
 L0000586         0   0.12285E-02  370939.9 3809669.2   494.2     5.00     4.65
4.65     YES                    NO
 L0000587         0   0.12285E-02  370945.7 3809661.1   494.3     5.00     4.65
4.65     YES                    NO
 L0000588         0   0.12285E-02  370951.6 3809653.0   494.4     5.00     4.65
4.65     YES                    NO
 L0000589         0   0.12285E-02  370953.6 3809643.2   494.6     5.00     4.65
4.65     YES                    NO
 L0000590         0   0.12285E-02  370955.3 3809633.4   494.8     5.00     4.65
4.65     YES                    NO
 L0000591         0   0.12285E-02  370957.5 3809623.8   494.9     5.00     4.65
4.65     YES                    NO
 L0000592         0   0.12285E-02  370965.0 3809617.2   494.8     5.00     4.65
4.65     YES                    NO
 L0000593         0   0.12285E-02  370972.8 3809612.9   494.6     5.00     4.65
4.65     YES                    NO
 L0000594         0   0.12285E-02  370982.7 3809611.7   494.4     5.00     4.65
4.65     YES                    NO
 L0000595         0   0.12285E-02  370985.3 3809603.7   494.6     5.00     4.65
4.65     YES                    NO
 L0000596         0   0.12285E-02  370985.5 3809593.7   495.1     5.00     4.65
4.65     YES                    NO
 L0000597         0   0.12285E-02  370985.6 3809583.7   495.5     5.00     4.65
4.65     YES                    NO
 L0000598         0   0.12285E-02  370985.8 3809573.7   495.9     5.00     4.65
4.65     YES                    NO
 L0000599         0   0.12285E-02  370985.9 3809563.7   496.2     5.00     4.65
4.65     YES                    NO
 L0000600         0   0.12285E-02  370986.1 3809553.7   496.5     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000601	0	0.12285E-02	370986.2	3809543.7	496.7	5.00	4.65	4.65
YES		NO						
L0000602	0	0.12285E-02	370986.4	3809533.7	497.0	5.00	4.65	4.65
YES		NO						
L0000603	0	0.12285E-02	370986.5	3809523.7	497.2	5.00	4.65	4.65
YES		NO						
L0000604	0	0.12285E-02	370986.6	3809513.7	497.4	5.00	4.65	4.65
YES		NO						
L0000605	0	0.12285E-02	370986.8	3809503.7	497.7	5.00	4.65	4.65
YES		NO						
L0000606	0	0.12285E-02	370986.9	3809493.7	498.0	5.00	4.65	4.65
YES		NO						
L0000607	0	0.12285E-02	370987.1	3809483.7	498.3	5.00	4.65	4.65
YES		NO						
L0000608	0	0.12285E-02	370987.2	3809473.7	498.7	5.00	4.65	4.65
YES		NO						
L0000609	0	0.12285E-02	370987.4	3809463.7	499.0	5.00	4.65	4.65
YES		NO						
L0000610	0	0.12285E-02	370987.5	3809453.7	499.4	5.00	4.65	4.65
YES		NO						
L0000611	0	0.12285E-02	370987.7	3809443.7	499.6	5.00	4.65	4.65
YES		NO						
L0000612	0	0.12285E-02	370987.8	3809433.7	499.7	5.00	4.65	4.65
YES		NO						
L0000613	0	0.12285E-02	370988.0	3809423.7	499.8	5.00	4.65	4.65
YES		NO						
L0000614	0	0.12285E-02	370988.1	3809413.7	500.0	5.00	4.65	4.65
YES		NO						
L0000615	0	0.12285E-02	370988.3	3809403.7	500.2	5.00	4.65	4.65
YES		NO						
L0000616	0	0.12285E-02	370988.4	3809393.7	500.4	5.00	4.65	4.65
YES		NO						
L0000617	0	0.12285E-02	370988.5	3809383.7	500.5	5.00	4.65	4.65
YES		NO						
L0000618	0	0.12285E-02	370997.1	3809383.7	500.3	5.00	4.65	4.65
YES		NO						
L0000619	0	0.12285E-02	370996.9	3809393.7	500.2	5.00	4.65	4.65
YES		NO						
L0000620	0	0.12285E-02	370996.8	3809403.7	500.0	5.00	4.65	4.65
YES		NO						
L0000621	0	0.12285E-02	370996.6	3809413.7	499.8	5.00	4.65	4.65
YES		NO						
L0000622	0	0.12285E-02	370996.5	3809423.7	499.7	5.00	4.65	4.65
YES		NO						
L0000623	0	0.12285E-02	370996.3	3809433.7	499.6	5.00	4.65	4.65
YES		NO						
L0000624	0	0.12285E-02	370996.2	3809443.7	499.6	5.00	4.65	4.65
YES		NO						

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 L0000625         0   0.12285E-02  370996.0 3809453.7   499.4     5.00     4.65
4.65     YES                    NO
 L0000626         0   0.12285E-02  370995.9 3809463.7   499.0     5.00     4.65
4.65     YES                    NO
 L0000627         0   0.12285E-02  370995.7 3809473.7   498.6     5.00     4.65
4.65     YES                    NO
 L0000628         0   0.12285E-02  370995.6 3809483.7   498.2     5.00     4.65
4.65     YES                    NO
 L0000629         0   0.12285E-02  370995.4 3809493.7   497.9     5.00     4.65
4.65     YES                    NO
 L0000630         0   0.12285E-02  370995.3 3809503.7   497.6     5.00     4.65
4.65     YES                    NO
 L0000631         0   0.12285E-02  370995.1 3809513.7   497.4     5.00     4.65
4.65     YES                    NO
 L0000632         0   0.12285E-02  370995.0 3809523.7   497.1     5.00     4.65
4.65     YES                    NO
 L0000633         0   0.12285E-02  370994.8 3809533.7   496.8     5.00     4.65
4.65     YES                    NO
 L0000634         0   0.12285E-02  370994.7 3809543.7   496.6     5.00     4.65
4.65     YES                    NO
 L0000635         0   0.12285E-02  370994.5 3809553.7   496.3     5.00     4.65
4.65     YES                    NO
 L0000636         0   0.12285E-02  370994.4 3809563.7   496.1     5.00     4.65
4.65     YES                    NO
 L0000637         0   0.12285E-02  370994.2 3809573.7   495.8     5.00     4.65
4.65     YES                    NO
 L0000638         0   0.12285E-02  370994.1 3809583.6   495.4     5.00     4.65
4.65     YES                    NO
 L0000639         0   0.12285E-02  370993.9 3809593.6   494.9     5.00     4.65
4.65     YES                    NO
 L0000640         0   0.12285E-02  370993.8 3809603.6   494.5     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000641	0	0.12285E-02	370992.6	3809613.6	494.1	5.00	4.65	4.65
YES		NO						
L0000642	0	0.12285E-02	370990.3	3809623.2	493.8	5.00	4.65	4.65
YES		NO						
L0000643	0	0.12285E-02	370986.5	3809632.5	493.6	5.00	4.65	4.65
YES		NO						
L0000644	0	0.12285E-02	370982.8	3809641.8	493.6	5.00	4.65	4.65
YES		NO						
L0000645	0	0.12285E-02	370979.1	3809651.1	493.6	5.00	4.65	4.65
YES		NO						
L0000646	0	0.12285E-02	370975.3	3809660.3	493.7	5.00	4.65	4.65
YES		NO						
L0000647	0	0.12285E-02	370977.3	3809667.8	493.6	5.00	4.65	4.65
YES		NO						
L0000648	0	0.12285E-02	370985.7	3809673.2	493.4	5.00	4.65	4.65
YES		NO						
L0000649	0	0.12285E-02	370994.0	3809678.7	493.2	5.00	4.65	4.65
YES		NO						
L0000650	0	0.12285E-02	370988.0	3809686.7	493.1	5.00	4.65	4.65
YES		NO						
L0000651	0	0.12285E-02	370982.0	3809694.7	493.0	5.00	4.65	4.65
YES		NO						
L0000652	0	0.12285E-02	370976.0	3809702.7	492.9	5.00	4.65	4.65
YES		NO						
L0000653	0	0.12285E-02	370969.9	3809710.7	492.8	5.00	4.65	4.65
YES		NO						
L0000654	0	0.12285E-02	370963.9	3809718.6	492.7	5.00	4.65	4.65
YES		NO						
L0000655	0	0.12285E-02	370957.5	3809726.1	492.6	5.00	4.65	4.65
YES		NO						
L0000656	0	0.12285E-02	370949.0	3809731.4	492.6	5.00	4.65	4.65
YES		NO						
L0000657	0	0.12285E-02	370940.5	3809736.7	492.6	5.00	4.65	4.65
YES		NO						
L0000658	0	0.12285E-02	370932.0	3809742.0	492.6	5.00	4.65	4.65
YES		NO						
L0000659	0	0.12285E-02	370923.5	3809747.3	492.5	5.00	4.65	4.65
YES		NO						
L0000660	0	0.12285E-02	370915.0	3809752.6	492.5	5.00	4.65	4.65
YES		NO						
L0000661	0	0.12285E-02	370909.5	3809758.1	492.4	5.00	4.65	4.65
YES		NO						
L0000662	0	0.12285E-02	370914.1	3809766.9	492.1	5.00	4.65	4.65
YES		NO						
L0000663	0	0.12285E-02	370918.7	3809775.8	491.8	5.00	4.65	4.65
YES		NO						
L0000664	0	0.12285E-02	370924.0	3809784.2	491.5	5.00	4.65	4.65
YES		NO						

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 L0000665         0   0.12285E-02  370930.2 3809792.0   491.2     5.00     4.65
4.65     YES                    NO
 L0000666         0   0.12285E-02  370929.9 3809798.1   491.1     5.00     4.65
4.65     YES                    NO
 L0000667         0   0.12285E-02  370920.7 3809797.3   491.2     5.00     4.65
4.65     YES                    NO
 L0000668         0   0.12285E-02  370911.4 3809793.5   491.4     5.00     4.65
4.65     YES                    NO
 L0000669         0   0.12285E-02  370902.1 3809789.7   491.5     5.00     4.65
4.65     YES                    NO
 L0000670         0   0.12285E-02  370892.9 3809786.0   491.7     5.00     4.65
4.65     YES                    NO
 L0000671         0   0.12285E-02  370883.6 3809782.2   491.8     5.00     4.65
4.65     YES                    NO
 L0000672         0   0.12285E-02  370874.4 3809778.4   491.9     5.00     4.65
4.65     YES                    NO
 L0000673         0   0.12285E-02  370865.1 3809774.6   492.0     5.00     4.65
4.65     YES                    NO
 L0000674         0   0.12285E-02  370855.9 3809770.8   492.1     5.00     4.65
4.65     YES                    NO
 L0000675         0   0.12285E-02  370846.6 3809767.0   492.3     5.00     4.65
4.65     YES                    NO
 L0000676         0   0.12285E-02  370837.4 3809763.2   492.5     5.00     4.65
4.65     YES                    NO
 L0000677         0   0.12285E-02  370828.1 3809759.4   492.6     5.00     4.65
4.65     YES                    NO
 L0000678         0   0.12285E-02  370822.3 3809753.4   492.8     5.00     4.65
4.65     YES                    NO
 L0000679         0   0.12285E-02  370822.4 3809743.4   493.1     5.00     4.65
4.65     YES                    NO
 L0000680         0   0.12285E-02  370822.5 3809733.4   493.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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L0000681	0	0.12285E-02	370824.1	3809724.2	493.6	5.00	4.65	4.65
YES		NO						
L0000682	0	0.12285E-02	370834.0	3809723.3	493.7	5.00	4.65	4.65
YES		NO						
L0000683	0	0.12285E-02	370844.0	3809722.4	493.7	5.00	4.65	4.65
YES		NO						
L0000684	0	0.12285E-02	370854.0	3809721.6	493.8	5.00	4.65	4.65
YES		NO						
L0000685	0	0.12285E-02	370863.9	3809720.4	493.7	5.00	4.65	4.65
YES		NO						
L0000686	0	0.12285E-02	370873.6	3809718.0	493.7	5.00	4.65	4.65
YES		NO						
L0000687	0	0.12285E-02	370883.3	3809715.6	493.7	5.00	4.65	4.65
YES		NO						
L0000688	0	0.12285E-02	370893.0	3809713.2	493.7	5.00	4.65	4.65
YES		NO						
L0000689	0	0.12285E-02	370902.6	3809710.3	493.8	5.00	4.65	4.65
YES		NO						
L0000690	0	0.12285E-02	370912.2	3809707.5	493.7	5.00	4.65	4.65
YES		NO						
L0000691	0	0.12285E-02	370921.6	3809704.4	493.6	5.00	4.65	4.65
YES		NO						
L0000692	0	0.12285E-02	370928.2	3809696.9	493.6	5.00	4.65	4.65
YES		NO						
L0000693	0	0.12285E-02	370934.8	3809689.4	493.8	5.00	4.65	4.65
YES		NO						
L0000694	0	0.12285E-02	370941.3	3809681.8	493.9	5.00	4.65	4.65
YES		NO						
L0000695	0	0.12285E-02	370948.0	3809674.3	494.0	5.00	4.65	4.65
YES		NO						
L0000696	0	0.12285E-02	370954.5	3809666.8	494.0	5.00	4.65	4.65
YES		NO						
L0000697	0	0.12285E-02	370958.7	3809657.7	494.1	5.00	4.65	4.65
YES		NO						
L0000698	0	0.12285E-02	370961.2	3809648.1	494.2	5.00	4.65	4.65
YES		NO						
L0000699	0	0.12285E-02	370963.5	3809638.3	494.3	5.00	4.65	4.65
YES		NO						
L0000700	0	0.12285E-02	370965.8	3809628.6	494.4	5.00	4.65	4.65
YES		NO						
L0000701	0	0.12285E-02	370968.6	3809619.0	494.6	5.00	4.65	4.65
YES		NO						
L0000702	0	0.12285E-02	370977.9	3809617.6	494.3	5.00	4.65	4.65
YES		NO						
L0000703	0	0.12285E-02	370976.6	3809625.9	494.0	5.00	4.65	4.65
YES		NO						
L0000704	0	0.12285E-02	370973.7	3809635.4	493.8	5.00	4.65	4.65
YES		NO						

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 L0000705         0   0.12285E-02  370970.8 3809645.0   493.9     5.00     4.65
4.65     YES                    NO
 L0000706         0   0.12285E-02  370967.9 3809654.6   493.9     5.00     4.65
4.65     YES                    NO
 L0000707         0   0.12285E-02  370965.0 3809664.1   493.9     5.00     4.65
4.65     YES                    NO
 L0000708         0   0.12285E-02  370967.9 3809671.8   493.7     5.00     4.65
4.65     YES                    NO
 L0000709         0   0.12285E-02  370976.0 3809677.7   493.4     5.00     4.65
4.65     YES                    NO
 L0000710         0   0.12285E-02  370979.2 3809684.4   493.2     5.00     4.65
4.65     YES                    NO
 L0000711         0   0.12285E-02  370973.1 3809692.3   493.2     5.00     4.65
4.65     YES                    NO
 L0000712         0   0.12285E-02  370967.0 3809700.2   493.1     5.00     4.65
4.65     YES                    NO
 L0000713         0   0.12285E-02  370960.9 3809708.1   493.0     5.00     4.65
4.65     YES                    NO
 L0000714         0   0.12285E-02  370954.8 3809716.1   492.9     5.00     4.65
4.65     YES                    NO
 L0000715         0   0.12285E-02  370948.2 3809723.3   492.8     5.00     4.65
4.65     YES                    NO
 L0000716         0   0.12285E-02  370939.3 3809728.0   492.8     5.00     4.65
4.65     YES                    NO
 L0000717         0   0.12285E-02  370930.5 3809732.7   492.8     5.00     4.65
4.65     YES                    NO
 L0000718         0   0.12285E-02  370921.7 3809737.4   492.8     5.00     4.65
4.65     YES                    NO
 L0000719         0   0.12285E-02  370912.8 3809742.1   492.8     5.00     4.65
4.65     YES                    NO
 L0000720         0   0.12285E-02  370904.0 3809746.8   492.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000721	0	0.12285E-02	370897.6	3809752.2	492.7	5.00	4.65	4.65
YES		NO						
L0000722	0	0.12285E-02	370902.5	3809761.0	492.4	5.00	4.65	4.65
YES		NO						
L0000723	0	0.12285E-02	370907.3	3809769.7	492.1	5.00	4.65	4.65
YES		NO						
L0000724	0	0.12285E-02	370912.1	3809778.5	491.8	5.00	4.65	4.65
YES		NO						
L0000725	0	0.12285E-02	370916.9	3809787.3	491.5	5.00	4.65	4.65
YES		NO						
L0000726	0	0.12285E-02	370909.7	3809786.6	491.6	5.00	4.65	4.65
YES		NO						
L0000727	0	0.12285E-02	370900.4	3809782.8	491.7	5.00	4.65	4.65
YES		NO						
L0000728	0	0.12285E-02	370891.2	3809778.9	491.9	5.00	4.65	4.65
YES		NO						
L0000729	0	0.12285E-02	370882.0	3809775.1	492.0	5.00	4.65	4.65
YES		NO						
L0000730	0	0.12285E-02	370872.7	3809771.3	492.2	5.00	4.65	4.65
YES		NO						
L0000731	0	0.12285E-02	370863.5	3809767.4	492.3	5.00	4.65	4.65
YES		NO						
L0000732	0	0.12285E-02	370854.3	3809763.6	492.4	5.00	4.65	4.65
YES		NO						
L0000733	0	0.12285E-02	370845.0	3809759.8	492.6	5.00	4.65	4.65
YES		NO						
L0000734	0	0.12285E-02	370835.8	3809755.9	492.7	5.00	4.65	4.65
YES		NO						
L0000735	0	0.12285E-02	370829.0	3809750.5	492.9	5.00	4.65	4.65
YES		NO						
L0000736	0	0.12285E-02	370829.3	3809740.5	493.1	5.00	4.65	4.65
YES		NO						
L0000737	0	0.12285E-02	370831.2	3809731.9	493.4	5.00	4.65	4.65
YES		NO						
L0000738	0	0.12285E-02	370841.0	3809730.3	493.4	5.00	4.65	4.65
YES		NO						
L0000739	0	0.12285E-02	370850.9	3809728.7	493.5	5.00	4.65	4.65
YES		NO						
L0000740	0	0.12285E-02	370860.8	3809727.0	493.5	5.00	4.65	4.65
YES		NO						
L0000741	0	0.12285E-02	370870.6	3809725.0	493.5	5.00	4.65	4.65
YES		NO						
L0000742	0	0.12285E-02	370880.4	3809723.0	493.5	5.00	4.65	4.65
YES		NO						
L0000743	0	0.12285E-02	370890.2	3809721.0	493.5	5.00	4.65	4.65
YES		NO						
L0000744	0	0.12285E-02	370899.7	3809718.1	493.6	5.00	4.65	4.65
YES		NO						

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 L0000745         0   0.12285E-02  370909.2 3809714.9   493.6     5.00     4.65
4.65     YES                    NO
 L0000746         0   0.12285E-02  370918.6 3809711.7   493.5     5.00     4.65
4.65     YES                    NO
 L0000747         0   0.12285E-02  370927.0 3809706.4   493.4     5.00     4.65
4.65     YES                    NO
 L0000748         0   0.12285E-02  370934.6 3809700.0   493.5     5.00     4.65
4.65     YES                    NO
 L0000749         0   0.12285E-02  370942.3 3809693.6   493.6     5.00     4.65
4.65     YES                    NO
 L0000750         0   0.12285E-02  370950.0 3809687.2   493.7     5.00     4.65
4.65     YES                    NO
 L0000751         0   0.12285E-02  370954.4 3809678.4   493.8     5.00     4.65
4.65     YES                    NO
 L0000752         0   0.12285E-02  370958.9 3809673.0   493.8     5.00     4.65
4.65     YES                    NO
 L0000753         0   0.12285E-02  370966.0 3809680.1   493.6     5.00     4.65
4.65     YES                    NO
 L0000754         0   0.12285E-02  370967.8 3809687.3   493.4     5.00     4.65
4.65     YES                    NO
 L0000755         0   0.12285E-02  370961.3 3809695.0   493.4     5.00     4.65
4.65     YES                    NO
 L0000756         0   0.12285E-02  370954.9 3809702.6   493.3     5.00     4.65
4.65     YES                    NO
 L0000757         0   0.12285E-02  370948.4 3809710.2   493.2     5.00     4.65
4.65     YES                    NO
 L0000758         0   0.12285E-02  370941.9 3809717.8   493.0     5.00     4.65
4.65     YES                    NO
 L0000759         0   0.12285E-02  370934.5 3809724.2   493.0     5.00     4.65
4.65     YES                    NO
 L0000760         0   0.12285E-02  370925.5 3809728.5   493.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000761	0	0.12285E-02	370916.4	3809732.7	493.0	5.00	4.65	4.65
YES		NO						
L0000762	0	0.12285E-02	370907.3	3809736.9	493.0	5.00	4.65	4.65
YES		NO						
L0000763	0	0.12285E-02	370898.3	3809741.2	493.0	5.00	4.65	4.65
YES		NO						
L0000764	0	0.12285E-02	370890.8	3809746.1	492.8	5.00	4.65	4.65
YES		NO						
L0000765	0	0.12285E-02	370894.5	3809755.4	492.6	5.00	4.65	4.65
YES		NO						
L0000766	0	0.12285E-02	370898.1	3809764.7	492.3	5.00	4.65	4.65
YES		NO						
L0000767	0	0.12285E-02	370901.8	3809774.0	492.0	5.00	4.65	4.65
YES		NO						
L0000768	0	0.12285E-02	370895.1	3809773.0	492.1	5.00	4.65	4.65
YES		NO						
L0000769	0	0.12285E-02	370885.8	3809769.5	492.2	5.00	4.65	4.65
YES		NO						
L0000770	0	0.12285E-02	370876.4	3809765.9	492.3	5.00	4.65	4.65
YES		NO						
L0000771	0	0.12285E-02	370867.1	3809762.3	492.5	5.00	4.65	4.65
YES		NO						
L0000772	0	0.12285E-02	370857.8	3809758.7	492.6	5.00	4.65	4.65
YES		NO						
L0000773	0	0.12285E-02	370848.4	3809755.1	492.7	5.00	4.65	4.65
YES		NO						
L0000774	0	0.12285E-02	370839.1	3809751.5	492.8	5.00	4.65	4.65
YES		NO						
L0000775	0	0.12285E-02	370834.9	3809744.8	493.0	5.00	4.65	4.65
YES		NO						
L0000776	0	0.12285E-02	370840.4	3809738.0	493.2	5.00	4.65	4.65
YES		NO						
L0000777	0	0.12285E-02	370849.5	3809733.9	493.4	5.00	4.65	4.65
YES		NO						
L0000778	0	0.12285E-02	370859.3	3809731.9	493.4	5.00	4.65	4.65
YES		NO						
L0000779	0	0.12285E-02	370869.1	3809730.2	493.3	5.00	4.65	4.65
YES		NO						
L0000780	0	0.12285E-02	370879.0	3809728.5	493.3	5.00	4.65	4.65
YES		NO						
L0000781	0	0.12285E-02	370888.8	3809726.8	493.4	5.00	4.65	4.65
YES		NO						
L0000782	0	0.12285E-02	370898.6	3809724.7	493.4	5.00	4.65	4.65
YES		NO						
L0000783	0	0.12285E-02	370908.0	3809721.2	493.4	5.00	4.65	4.65
YES		NO						
L0000784	0	0.12285E-02	370917.3	3809717.7	493.4	5.00	4.65	4.65
YES		NO						

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 L0000785         0   0.12285E-02  370926.7 3809714.2   493.3     5.00     4.65
4.65     YES                    NO
 L0000786         0   0.12285E-02  370934.4 3809708.2   493.3     5.00     4.65
4.65     YES                    NO
 L0000787         0   0.12285E-02  370941.6 3809701.2   493.4     5.00     4.65
4.65     YES                    NO
 L0000788         0   0.12285E-02  370946.4 3809704.0   493.3     5.00     4.65
4.65     YES                    NO
 L0000789         0   0.12285E-02  370939.7 3809711.0   493.2     5.00     4.65
4.65     YES                    NO
 L0000790         0   0.12285E-02  370932.4 3809717.8   493.1     5.00     4.65
4.65     YES                    NO
 L0000791         0   0.12285E-02  370924.6 3809723.9   493.1     5.00     4.65
4.65     YES                    NO
 L0000792         0   0.12285E-02  370915.4 3809727.7   493.2     5.00     4.65
4.65     YES                    NO
 L0000793         0   0.12285E-02  370906.1 3809731.5   493.2     5.00     4.65
4.65     YES                    NO
 L0000794         0   0.12285E-02  370896.9 3809735.3   493.1     5.00     4.65
4.65     YES                    NO
 L0000795         0   0.12285E-02  370887.6 3809739.1   493.0     5.00     4.65
4.65     YES                    NO
 L0000796         0   0.12285E-02  370880.7 3809744.0   492.9     5.00     4.65
4.65     YES                    NO
 L0000797         0   0.12285E-02  370884.5 3809753.3   492.7     5.00     4.65
4.65     YES                    NO
 L0000798         0   0.12285E-02  370888.2 3809762.5   492.4     5.00     4.65
4.65     YES                    NO
 L0000799         0   0.12285E-02  370880.9 3809761.4   492.5     5.00     4.65
4.65     YES                    NO
 L0000800         0   0.12285E-02  370871.4 3809758.2   492.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000801	0	0.12285E-02	370861.9	3809755.1	492.7	5.00	4.65	4.65
YES		NO						
L0000802	0	0.12285E-02	370852.4	3809751.9	492.8	5.00	4.65	4.65
YES		NO						
L0000803	0	0.12285E-02	370844.1	3809747.9	492.9	5.00	4.65	4.65
YES		NO						
L0000804	0	0.12285E-02	370848.8	3809741.0	493.2	5.00	4.65	4.65
YES		NO						
L0000805	0	0.12285E-02	370858.2	3809737.6	493.2	5.00	4.65	4.65
YES		NO						
L0000806	0	0.12285E-02	370867.8	3809735.3	493.2	5.00	4.65	4.65
YES		NO						
L0000807	0	0.12285E-02	370876.2	3809737.5	493.1	5.00	4.65	4.65
YES		NO						
L0000808	0	0.12285E-02	370876.8	3809747.5	492.8	5.00	4.65	4.65
YES		NO						
L0000809	0	0.12285E-02	370874.9	3809754.2	492.7	5.00	4.65	4.65
YES		NO						
L0000810	0	0.12285E-02	370865.3	3809751.4	492.8	5.00	4.65	4.65
YES		NO						
L0000811	0	0.12285E-02	370855.7	3809748.7	492.9	5.00	4.65	4.65
YES		NO						
L0000812	0	0.12285E-02	370857.8	3809744.5	493.0	5.00	4.65	4.65
YES		NO						
L0000813	0	0.12285E-02	370867.6	3809743.4	493.0	5.00	4.65	4.65
YES		NO						
L0000814	0	0.12285E-02	370872.7	3809748.8	492.8	5.00	4.65	4.65
YES		NO						
L0001602	0	0.17036E-02	371032.0	3809385.4	499.2	5.00	4.65	4.65
YES		NO						
L0001603	0	0.17036E-02	371032.0	3809395.4	499.2	5.00	4.65	4.65
YES		NO						
L0001604	0	0.17036E-02	371032.0	3809405.4	499.0	5.00	4.65	4.65
YES		NO						
L0001605	0	0.17036E-02	371032.0	3809415.4	498.9	5.00	4.65	4.65
YES		NO						
L0001606	0	0.17036E-02	371032.0	3809425.4	498.8	5.00	4.65	4.65
YES		NO						
L0001607	0	0.17036E-02	371032.0	3809435.4	498.8	5.00	4.65	4.65
YES		NO						
L0001608	0	0.17036E-02	371032.0	3809445.4	498.7	5.00	4.65	4.65
YES		NO						
L0001609	0	0.17036E-02	371032.0	3809455.4	498.5	5.00	4.65	4.65
YES		NO						
L0001610	0	0.17036E-02	371032.0	3809465.4	498.3	5.00	4.65	4.65
YES		NO						
L0001611	0	0.17036E-02	371032.0	3809475.4	498.0	5.00	4.65	4.65
YES		NO						

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 L0001612         0   0.17036E-02  371032.0 3809485.4   497.7     5.00     4.65
4.65     YES                    NO
 L0001613         0   0.17036E-02  371032.0 3809495.4   497.4     5.00     4.65
4.65     YES                    NO
 L0001614         0   0.17036E-02  371032.0 3809505.4   497.2     5.00     4.65
4.65     YES                    NO
 L0001615         0   0.17036E-02  371032.0 3809515.4   496.9     5.00     4.65
4.65     YES                    NO
 L0001616         0   0.17036E-02  371032.0 3809525.4   496.6     5.00     4.65
4.65     YES                    NO
 L0001617         0   0.17036E-02  371032.0 3809535.4   496.3     5.00     4.65
4.65     YES                    NO
 L0001618         0   0.17036E-02  371032.0 3809545.4   496.0     5.00     4.65
4.65     YES                    NO
 L0001619         0   0.17036E-02  371032.0 3809555.4   495.7     5.00     4.65
4.65     YES                    NO
 L0001620         0   0.17036E-02  371032.0 3809565.4   495.4     5.00     4.65
4.65     YES                    NO
 L0001621         0   0.17036E-02  371032.0 3809575.4   495.0     5.00     4.65
4.65     YES                    NO
 L0001622         0   0.17036E-02  371032.0 3809585.4   494.4     5.00     4.65
4.65     YES                    NO
 L0001623         0   0.17036E-02  371032.0 3809595.4   493.8     5.00     4.65
4.65     YES                    NO
 L0001624         0   0.17036E-02  371032.0 3809605.4   493.3     5.00     4.65
4.65     YES                    NO
 L0001625         0   0.17036E-02  371031.8 3809615.4   493.0     5.00     4.65
4.65     YES                    NO
 L0001626         0   0.17036E-02  371028.9 3809625.0   492.8     5.00     4.65
4.65     YES                    NO
 L0001627         0   0.17036E-02  371026.1 3809634.5   492.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001628	0	0.17036E-02	371023.2	3809644.1	492.8	5.00	4.65	4.65
YES		NO						
L0001629	0	0.17036E-02	371027.0	3809650.9	492.8	5.00	4.65	4.65
YES		NO						
L0001630	0	0.17036E-02	371035.9	3809655.7	492.8	5.00	4.65	4.65
YES		NO						
L0001631	0	0.17036E-02	371038.2	3809646.9	492.8	5.00	4.65	4.65
YES		NO						
L0001632	0	0.17036E-02	371040.1	3809637.0	492.9	5.00	4.65	4.65
YES		NO						
L0001633	0	0.17036E-02	371041.9	3809627.2	493.1	5.00	4.65	4.65
YES		NO						
L0001634	0	0.17036E-02	371043.8	3809617.4	493.2	5.00	4.65	4.65
YES		NO						
L0001635	0	0.17036E-02	371044.3	3809607.4	493.3	5.00	4.65	4.65
YES		NO						
L0001636	0	0.17036E-02	371044.3	3809597.4	493.7	5.00	4.65	4.65
YES		NO						
L0001637	0	0.17036E-02	371044.3	3809587.4	494.2	5.00	4.65	4.65
YES		NO						
L0001638	0	0.17036E-02	371044.3	3809577.4	494.7	5.00	4.65	4.65
YES		NO						
L0001639	0	0.17036E-02	371044.3	3809567.4	495.0	5.00	4.65	4.65
YES		NO						
L0001640	0	0.17036E-02	371044.3	3809557.4	495.3	5.00	4.65	4.65
YES		NO						
L0001641	0	0.17036E-02	371044.3	3809547.4	495.6	5.00	4.65	4.65
YES		NO						
L0001642	0	0.17036E-02	371044.3	3809537.4	495.9	5.00	4.65	4.65
YES		NO						
L0001643	0	0.17036E-02	371044.3	3809527.4	496.2	5.00	4.65	4.65
YES		NO						
L0001644	0	0.17036E-02	371044.3	3809517.4	496.5	5.00	4.65	4.65
YES		NO						
L0001645	0	0.17036E-02	371044.1	3809507.4	496.8	5.00	4.65	4.65
YES		NO						
L0001646	0	0.17036E-02	371043.8	3809497.5	497.1	5.00	4.65	4.65
YES		NO						
L0001647	0	0.17036E-02	371043.4	3809487.5	497.4	5.00	4.65	4.65
YES		NO						
L0001648	0	0.17036E-02	371043.1	3809477.5	497.7	5.00	4.65	4.65
YES		NO						
L0001649	0	0.17036E-02	371042.8	3809467.5	497.9	5.00	4.65	4.65
YES		NO						
L0001650	0	0.17036E-02	371042.5	3809457.5	498.2	5.00	4.65	4.65
YES		NO						
L0001651	0	0.17036E-02	371042.2	3809447.5	498.4	5.00	4.65	4.65
YES		NO						

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 L0001652         0   0.17036E-02  371041.8 3809437.5   498.5     5.00     4.65
4.65     YES                    NO
 L0001653         0   0.17036E-02  371041.5 3809427.5   498.5     5.00     4.65
4.65     YES                    NO
 L0001654         0   0.17036E-02  371041.2 3809417.5   498.6     5.00     4.65
4.65     YES                    NO
 L0001655         0   0.17036E-02  371040.9 3809407.5   498.8     5.00     4.65
4.65     YES                    NO
 L0001656         0   0.17036E-02  371040.6 3809397.5   498.9     5.00     4.65
4.65     YES                    NO
 L0001657         0   0.17036E-02  371040.2 3809387.5   499.1     5.00     4.65
4.65     YES                    NO
 L0001658         0   0.17036E-02  371039.9 3809377.5   499.0     5.00     4.65
4.65     YES                    NO
 L0001659         0   0.17036E-02  371046.2 3809371.2   498.8     5.00     4.65
4.65     YES                    NO
 L0001660         0   0.17036E-02  371054.9 3809366.3   498.5     5.00     4.65
4.65     YES                    NO
 L0001661         0   0.17036E-02  371063.6 3809361.4   498.2     5.00     4.65
4.65     YES                    NO
 L0001662         0   0.17036E-02  371072.3 3809356.4   497.9     5.00     4.65
4.65     YES                    NO
 L0001663         0   0.17036E-02  371082.1 3809354.9   497.8     5.00     4.65
4.65     YES                    NO
 L0001664         0   0.17036E-02  371092.0 3809353.9   497.7     5.00     4.65
4.65     YES                    NO
 L0001665         0   0.17036E-02  371102.0 3809352.8   497.5     5.00     4.65
4.65     YES                    NO
 L0001666         0   0.17036E-02  371111.9 3809351.8   497.6     5.00     4.65
4.65     YES                    NO
 L0001667         0   0.17036E-02  371121.9 3809350.7   497.7     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001668	0	0.17036E-02	371126.0	3809356.4	497.5	5.00	4.65	4.65
YES		NO						
L0001669	0	0.17036E-02	371126.5	3809366.4	497.8	5.00	4.65	4.65
YES		NO						
L0001670	0	0.17036E-02	371123.1	3809372.4	497.9	5.00	4.65	4.65
YES		NO						
L0001671	0	0.17036E-02	371113.1	3809371.9	497.7	5.00	4.65	4.65
YES		NO						
L0001672	0	0.17036E-02	371103.1	3809371.4	497.5	5.00	4.65	4.65
YES		NO						
L0001673	0	0.17036E-02	371093.1	3809370.8	497.6	5.00	4.65	4.65
YES		NO						
L0001674	0	0.17036E-02	371083.2	3809370.8	497.8	5.00	4.65	4.65
YES		NO						
L0001675	0	0.17036E-02	371073.8	3809374.2	498.0	5.00	4.65	4.65
YES		NO						
L0001676	0	0.17036E-02	371064.4	3809377.5	498.3	5.00	4.65	4.65
YES		NO						
L0001677	0	0.17036E-02	371055.0	3809380.9	498.6	5.00	4.65	4.65
YES		NO						
L0001678	0	0.17036E-02	371053.3	3809389.7	498.7	5.00	4.65	4.65
YES		NO						
L0001679	0	0.17036E-02	371053.3	3809399.7	498.6	5.00	4.65	4.65
YES		NO						
L0001680	0	0.17036E-02	371053.4	3809409.7	498.4	5.00	4.65	4.65
YES		NO						
L0001681	0	0.17036E-02	371053.4	3809419.7	498.2	5.00	4.65	4.65
YES		NO						
L0001682	0	0.17036E-02	371053.5	3809429.7	498.2	5.00	4.65	4.65
YES		NO						
L0001683	0	0.17036E-02	371053.5	3809439.7	498.1	5.00	4.65	4.65
YES		NO						
L0001684	0	0.17036E-02	371053.6	3809449.7	498.1	5.00	4.65	4.65
YES		NO						
L0001685	0	0.17036E-02	371053.7	3809459.7	497.9	5.00	4.65	4.65
YES		NO						
L0001686	0	0.17036E-02	371053.7	3809469.7	497.6	5.00	4.65	4.65
YES		NO						
L0001687	0	0.17036E-02	371053.8	3809479.7	497.4	5.00	4.65	4.65
YES		NO						
L0001688	0	0.17036E-02	371053.8	3809489.7	497.1	5.00	4.65	4.65
YES		NO						
L0001689	0	0.17036E-02	371053.9	3809499.7	496.8	5.00	4.65	4.65
YES		NO						
L0001690	0	0.17036E-02	371054.0	3809509.7	496.4	5.00	4.65	4.65
YES		NO						
L0001691	0	0.17036E-02	371054.0	3809519.7	496.2	5.00	4.65	4.65
YES		NO						

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 L0001692         0   0.17036E-02  371054.1 3809529.7   495.9     5.00     4.65
4.65     YES                    NO
 L0001693         0   0.17036E-02  371054.1 3809539.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001694         0   0.17036E-02  371054.2 3809549.7   495.4     5.00     4.65
4.65     YES                    NO
 L0001695         0   0.17036E-02  371054.2 3809559.7   495.1     5.00     4.65
4.65     YES                    NO
 L0001696         0   0.17036E-02  371054.3 3809569.7   494.8     5.00     4.65
4.65     YES                    NO
 L0001697         0   0.17036E-02  371057.1 3809576.1   494.5     5.00     4.65
4.65     YES                    NO
 L0001698         0   0.17036E-02  371066.9 3809573.7   494.5     5.00     4.65
4.65     YES                    NO
 L0001699         0   0.17036E-02  371071.6 3809576.8   494.4     5.00     4.65
4.65     YES                    NO
 L0001700         0   0.17036E-02  371070.4 3809586.7   494.1     5.00     4.65
4.65     YES                    NO
 L0001701         0   0.17036E-02  371069.1 3809596.6   493.8     5.00     4.65
4.65     YES                    NO
 L0001702         0   0.17036E-02  371067.9 3809606.6   493.8     5.00     4.65
4.65     YES                    NO
 L0001703         0   0.17036E-02  371066.7 3809616.5   494.3     5.00     4.65
4.65     YES                    NO
 L0001704         0   0.17036E-02  371065.4 3809626.4   494.8     5.00     4.65
4.65     YES                    NO
 L0001705         0   0.17036E-02  371064.2 3809636.3   494.8     5.00     4.65
4.65     YES                    NO
 L0001706         0   0.17036E-02  371062.9 3809646.2   493.8     5.00     4.65
4.65     YES                    NO
 L0001707         0   0.17036E-02  371060.2 3809655.6   493.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001708	0	0.17036E-02	371054.8	3809664.0	492.6	5.00	4.65	4.65
YES		NO						
L0001709	0	0.17036E-02	371049.4	3809672.5	492.5	5.00	4.65	4.65
YES		NO						
L0001710	0	0.17036E-02	371044.0	3809680.9	492.5	5.00	4.65	4.65
YES		NO						
L0001711	0	0.17036E-02	371038.6	3809689.3	492.4	5.00	4.65	4.65
YES		NO						
L0001712	0	0.17036E-02	371033.2	3809697.7	492.4	5.00	4.65	4.65
YES		NO						
L0001713	0	0.17036E-02	371027.8	3809706.1	492.3	5.00	4.65	4.65
YES		NO						
L0001714	0	0.17036E-02	371022.4	3809714.5	492.1	5.00	4.65	4.65
YES		NO						
L0001715	0	0.17036E-02	371017.0	3809722.9	492.0	5.00	4.65	4.65
YES		NO						
L0001716	0	0.17036E-02	371011.6	3809731.3	491.8	5.00	4.65	4.65
YES		NO						
L0001717	0	0.17036E-02	371006.1	3809739.8	491.7	5.00	4.65	4.65
YES		NO						
L0001718	0	0.17036E-02	371000.3	3809747.7	491.6	5.00	4.65	4.65
YES		NO						
L0001719	0	0.17036E-02	370992.6	3809754.2	491.5	5.00	4.65	4.65
YES		NO						
L0001720	0	0.17036E-02	370984.9	3809760.6	491.4	5.00	4.65	4.65
YES		NO						
L0001721	0	0.17036E-02	370977.3	3809767.0	491.4	5.00	4.65	4.65
YES		NO						
L0001722	0	0.17036E-02	370969.6	3809773.4	491.3	5.00	4.65	4.65
YES		NO						
L0001723	0	0.17036E-02	370970.1	3809781.8	491.1	5.00	4.65	4.65
YES		NO						
L0001724	0	0.17036E-02	370977.2	3809782.9	491.0	5.00	4.65	4.65
YES		NO						
L0001725	0	0.17036E-02	370986.3	3809778.6	491.0	5.00	4.65	4.65
YES		NO						
L0001726	0	0.17036E-02	370993.7	3809772.2	491.1	5.00	4.65	4.65
YES		NO						
L0001727	0	0.17036E-02	371000.7	3809765.0	491.2	5.00	4.65	4.65
YES		NO						
L0001728	0	0.17036E-02	371007.6	3809757.8	491.3	5.00	4.65	4.65
YES		NO						
L0001729	0	0.17036E-02	371014.6	3809750.6	491.4	5.00	4.65	4.65
YES		NO						
L0001730	0	0.17036E-02	371021.5	3809743.4	491.5	5.00	4.65	4.65
YES		NO						
L0001731	0	0.17036E-02	371027.5	3809735.4	491.6	5.00	4.65	4.65
YES		NO						

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 L0001732         0   0.17036E-02  371033.5 3809727.4   491.8     5.00     4.65
4.65     YES                    NO
 L0001733         0   0.17036E-02  371039.5 3809719.4   491.9     5.00     4.65
4.65     YES                    NO
 L0001734         0   0.17036E-02  371045.6 3809711.4   491.9     5.00     4.65
4.65     YES                    NO
 L0001735         0   0.17036E-02  371051.6 3809703.5   492.0     5.00     4.65
4.65     YES                    NO
 L0001736         0   0.17036E-02  371057.1 3809695.1   492.0     5.00     4.65
4.65     YES                    NO
 L0001737         0   0.17036E-02  371061.5 3809686.2   492.1     5.00     4.65
4.65     YES                    NO
 L0001738         0   0.17036E-02  371066.0 3809677.3   492.2     5.00     4.65
4.65     YES                    NO
 L0001739         0   0.17036E-02  371069.8 3809668.0   492.2     5.00     4.65
4.65     YES                    NO
 L0001740         0   0.17036E-02  371072.3 3809658.4   493.0     5.00     4.65
4.65     YES                    NO
 L0001741         0   0.17036E-02  371074.9 3809648.7   494.5     5.00     4.65
4.65     YES                    NO
 L0001742         0   0.17036E-02  371077.4 3809639.0   496.3     5.00     4.65
4.65     YES                    NO
 L0001743         0   0.17036E-02  371080.0 3809629.4   497.0     5.00     4.65
4.65     YES                    NO
 L0001744         0   0.17036E-02  371082.6 3809619.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001745         0   0.17036E-02  371084.4 3809609.9   494.5     5.00     4.65
4.65     YES                    NO
 L0001746         0   0.17036E-02  371084.1 3809599.9   493.8     5.00     4.65
4.65     YES                    NO
 L0001747         0   0.17036E-02  371083.9 3809590.0   494.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001748	0	0.17036E-02	371083.6	3809580.0	494.2	5.00	4.65	4.65
YES		NO						
L0001749	0	0.17036E-02	371083.4	3809570.0	494.5	5.00	4.65	4.65
YES		NO						
L0001750	0	0.17036E-02	371083.1	3809560.0	494.7	5.00	4.65	4.65
YES		NO						
L0001751	0	0.17036E-02	371082.9	3809550.0	495.0	5.00	4.65	4.65
YES		NO						
L0001752	0	0.17036E-02	371082.6	3809540.0	495.2	5.00	4.65	4.65
YES		NO						
L0001753	0	0.17036E-02	371082.4	3809530.0	495.5	5.00	4.65	4.65
YES		NO						
L0001754	0	0.17036E-02	371082.1	3809520.0	495.8	5.00	4.65	4.65
YES		NO						
L0001755	0	0.17036E-02	371081.9	3809510.0	496.1	5.00	4.65	4.65
YES		NO						
L0001756	0	0.17036E-02	371081.6	3809500.0	496.4	5.00	4.65	4.65
YES		NO						
L0001757	0	0.17036E-02	371081.4	3809490.0	496.7	5.00	4.65	4.65
YES		NO						
L0001758	0	0.17036E-02	371081.1	3809480.0	496.9	5.00	4.65	4.65
YES		NO						
L0001759	0	0.17036E-02	371080.9	3809470.0	497.2	5.00	4.65	4.65
YES		NO						
L0001760	0	0.17036E-02	371080.6	3809460.0	497.4	5.00	4.65	4.65
YES		NO						
L0001761	0	0.17036E-02	371080.4	3809450.0	497.6	5.00	4.65	4.65
YES		NO						
L0001762	0	0.17036E-02	371080.1	3809440.0	497.6	5.00	4.65	4.65
YES		NO						
L0001763	0	0.17036E-02	371079.8	3809430.0	497.7	5.00	4.65	4.65
YES		NO						
L0001764	0	0.17036E-02	371079.6	3809420.0	497.8	5.00	4.65	4.65
YES		NO						
L0001765	0	0.17036E-02	371079.3	3809410.0	497.8	5.00	4.65	4.65
YES		NO						
L0001766	0	0.17036E-02	371079.1	3809400.0	497.9	5.00	4.65	4.65
YES		NO						
L0001767	0	0.17036E-02	371080.4	3809391.2	497.9	5.00	4.65	4.65
YES		NO						
L0001768	0	0.17036E-02	371090.1	3809388.9	497.7	5.00	4.65	4.65
YES		NO						
L0001769	0	0.17036E-02	371099.8	3809386.5	497.5	5.00	4.65	4.65
YES		NO						
L0001770	0	0.17036E-02	371106.9	3809387.8	497.6	5.00	4.65	4.65
YES		NO						
L0001771	0	0.17036E-02	371107.3	3809397.7	497.7	5.00	4.65	4.65
YES		NO						

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 L0001772         0   0.17036E-02  371107.6 3809407.7   497.7     5.00     4.65
4.65     YES                    NO
 L0001773         0   0.17036E-02  371104.3 3809415.2   497.4     5.00     4.65
4.65     YES                    NO
 L0001774         0   0.17036E-02  371094.8 3809418.5   497.5     5.00     4.65
4.65     YES                    NO
 L0001775         0   0.17036E-02  371089.1 3809424.3   497.5     5.00     4.65
4.65     YES                    NO
 L0001776         0   0.17036E-02  371089.6 3809434.3   497.4     5.00     4.65
4.65     YES                    NO
 L0001777         0   0.17036E-02  371090.2 3809444.3   497.4     5.00     4.65
4.65     YES                    NO
 L0001778         0   0.17036E-02  371090.7 3809454.3   497.2     5.00     4.65
4.65     YES                    NO
 L0001779         0   0.17036E-02  371091.2 3809464.3   497.0     5.00     4.65
4.65     YES                    NO
 L0001780         0   0.17036E-02  371091.7 3809474.2   496.9     5.00     4.65
4.65     YES                    NO
 L0001781         0   0.17036E-02  371092.3 3809484.2   496.6     5.00     4.65
4.65     YES                    NO
 L0001782         0   0.17036E-02  371093.2 3809494.2   496.3     5.00     4.65
4.65     YES                    NO
 L0001783         0   0.17036E-02  371094.2 3809504.1   496.0     5.00     4.65
4.65     YES                    NO
 L0001784         0   0.17036E-02  371095.1 3809514.1   495.8     5.00     4.65
4.65     YES                    NO
 L0001785         0   0.17036E-02  371096.1 3809524.0   495.5     5.00     4.65
4.65     YES                    NO
 L0001786         0   0.17036E-02  371097.1 3809534.0   495.3     5.00     4.65
4.65     YES                    NO
 L0001787         0   0.17036E-02  371097.9 3809544.0   495.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001788	0	0.17036E-02	371098.0	3809554.0	494.8	5.00	4.65	4.65
YES		NO						
L0001789	0	0.17036E-02	371098.2	3809564.0	494.6	5.00	4.65	4.65
YES		NO						
L0001790	0	0.17036E-02	371098.3	3809574.0	494.3	5.00	4.65	4.65
YES		NO						
L0001791	0	0.17036E-02	371098.4	3809584.0	494.2	5.00	4.65	4.65
YES		NO						
L0001792	0	0.17036E-02	371098.6	3809594.0	494.0	5.00	4.65	4.65
YES		NO						
L0001793	0	0.17036E-02	371098.7	3809604.0	493.9	5.00	4.65	4.65
YES		NO						
L0001794	0	0.17036E-02	371098.9	3809614.0	494.6	5.00	4.65	4.65
YES		NO						
L0001795	0	0.17036E-02	371098.6	3809623.9	495.4	5.00	4.65	4.65
YES		NO						
L0001796	0	0.17036E-02	371097.3	3809633.8	496.3	5.00	4.65	4.65
YES		NO						
L0001797	0	0.17036E-02	371095.9	3809643.7	494.8	5.00	4.65	4.65
YES		NO						
L0001798	0	0.17036E-02	371094.6	3809653.7	493.2	5.00	4.65	4.65
YES		NO						
L0001799	0	0.17036E-02	371093.2	3809663.6	491.6	5.00	4.65	4.65
YES		NO						
L0001800	0	0.17036E-02	371091.2	3809673.3	491.6	5.00	4.65	4.65
YES		NO						
L0001801	0	0.17036E-02	371087.6	3809682.6	491.7	5.00	4.65	4.65
YES		NO						
L0001802	0	0.17036E-02	371085.8	3809691.1	491.7	5.00	4.65	4.65
YES		NO						
L0001803	0	0.17036E-02	371095.0	3809695.0	491.7	5.00	4.65	4.65
YES		NO						
L0001804	0	0.17036E-02	371100.5	3809689.7	491.5	5.00	4.65	4.65
YES		NO						
L0001805	0	0.17036E-02	371104.2	3809680.5	491.3	5.00	4.65	4.65
YES		NO						
L0001806	0	0.17036E-02	371108.0	3809671.2	491.3	5.00	4.65	4.65
YES		NO						
L0001807	0	0.17036E-02	371110.2	3809661.6	492.0	5.00	4.65	4.65
YES		NO						
L0001808	0	0.17036E-02	371110.3	3809651.6	493.2	5.00	4.65	4.65
YES		NO						
L0001809	0	0.17036E-02	371110.5	3809641.6	494.3	5.00	4.65	4.65
YES		NO						
L0001810	0	0.17036E-02	371110.7	3809631.6	495.1	5.00	4.65	4.65
YES		NO						
L0001811	0	0.17036E-02	371110.8	3809621.6	494.6	5.00	4.65	4.65
YES		NO						

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 L0001812         0   0.17036E-02  371111.0 3809611.6   494.2     5.00     4.65
4.65     YES                    NO
 L0001813         0   0.17036E-02  371111.1 3809601.6   493.8     5.00     4.65
4.65     YES                    NO
 L0001814         0   0.17036E-02  371111.3 3809591.6   494.0     5.00     4.65
4.65     YES                    NO
 L0001815         0   0.17036E-02  371111.6 3809581.6   494.1     5.00     4.65
4.65     YES                    NO
 L0001816         0   0.17036E-02  371111.9 3809571.6   494.3     5.00     4.65
4.65     YES                    NO
 L0001817         0   0.17036E-02  371112.2 3809561.6   494.5     5.00     4.65
4.65     YES                    NO
 L0001818         0   0.17036E-02  371112.5 3809551.6   494.8     5.00     4.65
4.65     YES                    NO
 L0001819         0   0.17036E-02  371112.8 3809541.6   495.0     5.00     4.65
4.65     YES                    NO
 L0001820         0   0.17036E-02  371113.1 3809531.7   495.2     5.00     4.65
4.65     YES                    NO
 L0001821         0   0.17036E-02  371113.3 3809521.7   495.4     5.00     4.65
4.65     YES                    NO
 L0001822         0   0.17036E-02  371112.6 3809511.7   495.7     5.00     4.65
4.65     YES                    NO
 L0001823         0   0.17036E-02  371111.1 3809501.8   496.0     5.00     4.65
4.65     YES                    NO
 L0001824         0   0.17036E-02  371109.7 3809491.9   496.4     5.00     4.65
4.65     YES                    NO
 L0001825         0   0.17036E-02  370410.4 3809757.4   489.7     5.00     4.65
4.65     YES                    NO
 L0001826         0   0.17036E-02  370414.5 3809748.3   490.0     5.00     4.65
4.65     YES                    NO
 L0001827         0   0.17036E-02  370418.5 3809739.2   490.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001828	0	0.17036E-02	370422.6	3809730.0	490.4	5.00	4.65	4.65
YES		NO						
L0001829	0	0.17036E-02	370426.7	3809720.9	490.5	5.00	4.65	4.65
YES		NO						
L0001830	0	0.17036E-02	370430.8	3809711.8	490.7	5.00	4.65	4.65
YES		NO						
L0001831	0	0.17036E-02	370438.4	3809705.8	490.9	5.00	4.65	4.65
YES		NO						
L0001832	0	0.17036E-02	370447.1	3809700.9	491.2	5.00	4.65	4.65
YES		NO						
L0001833	0	0.17036E-02	370456.3	3809701.8	491.4	5.00	4.65	4.65
YES		NO						
L0001834	0	0.17036E-02	370465.8	3809705.0	491.5	5.00	4.65	4.65
YES		NO						
L0001835	0	0.17036E-02	370475.3	3809708.2	491.6	5.00	4.65	4.65
YES		NO						
L0001836	0	0.17036E-02	370484.8	3809711.4	491.7	5.00	4.65	4.65
YES		NO						
L0001837	0	0.17036E-02	370494.2	3809714.6	491.8	5.00	4.65	4.65
YES		NO						
L0001838	0	0.17036E-02	370503.7	3809717.8	491.6	5.00	4.65	4.65
YES		NO						
L0001839	0	0.17036E-02	370513.2	3809721.0	491.4	5.00	4.65	4.65
YES		NO						
L0001840	0	0.17036E-02	370522.7	3809724.2	491.3	5.00	4.65	4.65
YES		NO						
L0001841	0	0.17036E-02	370532.1	3809727.4	491.3	5.00	4.65	4.65
YES		NO						
L0001842	0	0.17036E-02	370541.6	3809730.6	491.4	5.00	4.65	4.65
YES		NO						
L0001843	0	0.17036E-02	370551.1	3809733.8	491.5	5.00	4.65	4.65
YES		NO						
L0001844	0	0.17036E-02	370560.5	3809737.0	491.6	5.00	4.65	4.65
YES		NO						
L0001845	0	0.17036E-02	370570.0	3809740.2	491.6	5.00	4.65	4.65
YES		NO						
L0001846	0	0.17036E-02	370579.5	3809743.4	491.7	5.00	4.65	4.65
YES		NO						
L0001847	0	0.17036E-02	370589.0	3809746.6	491.7	5.00	4.65	4.65
YES		NO						
L0001848	0	0.17036E-02	370598.4	3809749.8	491.7	5.00	4.65	4.65
YES		NO						
L0001849	0	0.17036E-02	370607.9	3809753.0	491.7	5.00	4.65	4.65
YES		NO						
L0001850	0	0.17036E-02	370617.4	3809756.2	491.7	5.00	4.65	4.65
YES		NO						
L0001851	0	0.17036E-02	370626.9	3809759.4	491.6	5.00	4.65	4.65
YES		NO						

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 L0001852         0   0.17036E-02  370636.3 3809762.6   491.6     5.00     4.65
4.65     YES                    NO
 L0001853         0   0.17036E-02  370645.8 3809765.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001854         0   0.17036E-02  370655.3 3809769.0   491.6     5.00     4.65
4.65     YES                    NO
 L0001855         0   0.17036E-02  370664.8 3809772.2   491.6     5.00     4.65
4.65     YES                    NO
 L0001856         0   0.17036E-02  370674.2 3809775.4   491.6     5.00     4.65
4.65     YES                    NO
 L0001857         0   0.17036E-02  370683.7 3809778.6   491.5     5.00     4.65
4.65     YES                    NO
 L0001858         0   0.17036E-02  370693.2 3809781.8   491.5     5.00     4.65
4.65     YES                    NO
 L0001859         0   0.17036E-02  370702.7 3809785.0   491.5     5.00     4.65
4.65     YES                    NO
 L0001860         0   0.17036E-02  370712.1 3809788.2   491.5     5.00     4.65
4.65     YES                    NO
 L0001861         0   0.17036E-02  370721.6 3809791.4   491.5     5.00     4.65
4.65     YES                    NO
 L0001862         0   0.17036E-02  370731.1 3809794.6   491.6     5.00     4.65
4.65     YES                    NO
 L0001863         0   0.17036E-02  370740.5 3809797.8   491.8     5.00     4.65
4.65     YES                    NO
 L0001864         0   0.17036E-02  370750.0 3809801.0   491.9     5.00     4.65
4.65     YES                    NO
 L0001865         0   0.17036E-02  370759.5 3809804.2   491.8     5.00     4.65
4.65     YES                    NO
 L0001866         0   0.17036E-02  370769.0 3809807.4   491.8     5.00     4.65
4.65     YES                    NO
 L0001867         0   0.17036E-02  370771.8 3809814.2   491.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001868	0	0.17036E-02	370769.4	3809823.9	491.6	5.00	4.65	4.65
YES		NO						
L0001869	0	0.17036E-02	370765.1	3809830.4	492.3	5.00	4.65	4.65
YES		NO						
L0001870	0	0.17036E-02	370755.6	3809827.6	492.1	5.00	4.65	4.65
YES		NO						
L0001871	0	0.17036E-02	370746.0	3809824.7	491.7	5.00	4.65	4.65
YES		NO						
L0001872	0	0.17036E-02	370736.4	3809821.8	491.5	5.00	4.65	4.65
YES		NO						
L0001873	0	0.17036E-02	370731.3	3809828.2	491.9	5.00	4.65	4.65
YES		NO						
L0001874	0	0.17036E-02	370727.6	3809837.5	493.0	5.00	4.65	4.65
YES		NO						
L0001875	0	0.17036E-02	370723.9	3809846.8	494.3	5.00	4.65	4.65
YES		NO						
L0001876	0	0.17036E-02	370720.2	3809856.0	495.8	5.00	4.65	4.65
YES		NO						
L0001877	0	0.17036E-02	370716.4	3809865.3	497.0	5.00	4.65	4.65
YES		NO						
L0001878	0	0.17036E-02	370710.5	3809870.8	497.7	5.00	4.65	4.65
YES		NO						
L0001879	0	0.17036E-02	370700.7	3809869.3	498.0	5.00	4.65	4.65
YES		NO						
L0001880	0	0.17036E-02	370690.8	3809867.7	496.7	5.00	4.65	4.65
YES		NO						
L0001881	0	0.17036E-02	370680.9	3809866.2	495.1	5.00	4.65	4.65
YES		NO						
L0001882	0	0.17036E-02	370671.0	3809864.7	493.4	5.00	4.65	4.65
YES		NO						
L0001883	0	0.17036E-02	370667.5	3809855.6	491.2	5.00	4.65	4.65
YES		NO						
L0001884	0	0.17036E-02	370664.2	3809846.2	490.7	5.00	4.65	4.65
YES		NO						
L0001885	0	0.17036E-02	370661.0	3809836.7	490.4	5.00	4.65	4.65
YES		NO						
L0001886	0	0.17036E-02	370657.7	3809827.2	490.2	5.00	4.65	4.65
YES		NO						
L0001887	0	0.17036E-02	370651.5	3809821.1	490.3	5.00	4.65	4.65
YES		NO						
L0001888	0	0.17036E-02	370641.8	3809818.6	490.2	5.00	4.65	4.65
YES		NO						
L0001889	0	0.17036E-02	370632.1	3809816.1	490.2	5.00	4.65	4.65
YES		NO						
L0001890	0	0.17036E-02	370622.4	3809813.6	490.1	5.00	4.65	4.65
YES		NO						
L0001891	0	0.17036E-02	370616.3	3809816.5	490.0	5.00	4.65	4.65
YES		NO						

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 L0001892         0   0.17036E-02  370614.7 3809826.4   489.8     5.00     4.65
4.65     YES                    NO
 L0001893         0   0.17036E-02  370613.2 3809836.3   489.5     5.00     4.65
4.65     YES                    NO
 L0001894         0   0.17036E-02  370611.6 3809846.2   489.1     5.00     4.65
4.65     YES                    NO
 L0001895         0   0.17036E-02  370610.1 3809856.0   488.8     5.00     4.65
4.65     YES                    NO
 L0001896         0   0.17036E-02  370608.5 3809865.9   488.6     5.00     4.65
4.65     YES                    NO
 L0001897         0   0.17036E-02  370606.9 3809875.8   488.4     5.00     4.65
4.65     YES                    NO
 L0001898         0   0.17036E-02  370596.9 3809875.8   488.2     5.00     4.65
4.65     YES                    NO
 L0001899         0   0.17036E-02  370586.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001900         0   0.17036E-02  370576.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001901         0   0.17036E-02  370566.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001902         0   0.17036E-02  370556.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001903         0   0.17036E-02  370546.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001904         0   0.17036E-02  370536.9 3809875.8   488.1     5.00     4.65
4.65     YES                    NO
 L0001905         0   0.17036E-02  370526.9 3809875.8   488.0     5.00     4.65
4.65     YES                    NO
 L0001906         0   0.17036E-02  370516.9 3809875.8   487.9     5.00     4.65
4.65     YES                    NO
 L0001907         0   0.17036E-02  370506.9 3809875.8   487.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001908	0	0.17036E-02	370500.8	3809868.1	487.7	5.00	4.65	4.65
YES		NO						
L0001909	0	0.17036E-02	370494.7	3809860.1	487.7	5.00	4.65	4.65
YES		NO						
L0001910	0	0.17036E-02	370488.7	3809852.2	488.0	5.00	4.65	4.65
YES		NO						
L0001911	0	0.17036E-02	370482.7	3809844.2	488.3	5.00	4.65	4.65
YES		NO						
L0001912	0	0.17036E-02	370476.7	3809836.2	488.5	5.00	4.65	4.65
YES		NO						
L0001913	0	0.17036E-02	370470.6	3809828.2	488.7	5.00	4.65	4.65
YES		NO						
L0001914	0	0.17036E-02	370464.6	3809820.2	488.8	5.00	4.65	4.65
YES		NO						
L0001915	0	0.17036E-02	370458.6	3809812.2	488.8	5.00	4.65	4.65
YES		NO						
L0001916	0	0.17036E-02	370456.4	3809803.5	488.9	5.00	4.65	4.65
YES		NO						
L0001917	0	0.17036E-02	370459.1	3809793.9	489.2	5.00	4.65	4.65
YES		NO						
L0001918	0	0.17036E-02	370461.7	3809784.3	489.6	5.00	4.65	4.65
YES		NO						
L0001919	0	0.17036E-02	370464.4	3809774.6	490.0	5.00	4.65	4.65
YES		NO						
L0001920	0	0.17036E-02	370467.1	3809765.0	490.4	5.00	4.65	4.65
YES		NO						
L0001921	0	0.17036E-02	370464.3	3809758.2	490.4	5.00	4.65	4.65
YES		NO						
L0001922	0	0.17036E-02	370454.9	3809754.8	490.1	5.00	4.65	4.65
YES		NO						
L0001923	0	0.17036E-02	370445.5	3809751.4	489.9	5.00	4.65	4.65
YES		NO						
L0001924	0	0.17036E-02	370441.8	3809758.9	489.6	5.00	4.65	4.65
YES		NO						
L0001925	0	0.17036E-02	370439.1	3809768.6	489.3	5.00	4.65	4.65
YES		NO						
L0001926	0	0.17036E-02	370431.0	3809769.4	489.4	5.00	4.65	4.65
YES		NO						
L0001927	0	0.17036E-02	370421.3	3809767.3	489.6	5.00	4.65	4.65
YES		NO						
L0001928	0	0.17036E-02	370420.2	3809761.3	489.7	5.00	4.65	4.65
YES		NO						
L0001929	0	0.17036E-02	370425.3	3809752.7	489.9	5.00	4.65	4.65
YES		NO						
L0001930	0	0.17036E-02	370430.3	3809744.0	490.1	5.00	4.65	4.65
YES		NO						
L0001931	0	0.17036E-02	370435.3	3809735.4	490.3	5.00	4.65	4.65
YES		NO						

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 L0001932         0   0.17036E-02  370440.3 3809726.8   490.5     5.00     4.65
4.65     YES                    NO
 L0001933         0   0.17036E-02  370445.6 3809718.6   490.7     5.00     4.65
4.65     YES                    NO
 L0001934         0   0.17036E-02  370455.2 3809721.4   490.9     5.00     4.65
4.65     YES                    NO
 L0001935         0   0.17036E-02  370464.8 3809724.3   491.2     5.00     4.65
4.65     YES                    NO
 L0001936         0   0.17036E-02  370474.3 3809727.1   491.3     5.00     4.65
4.65     YES                    NO
 L0001937         0   0.17036E-02  370483.9 3809729.9   491.3     5.00     4.65
4.65     YES                    NO
 L0001938         0   0.17036E-02  370493.5 3809732.8   491.3     5.00     4.65
4.65     YES                    NO
 L0001939         0   0.17036E-02  370503.1 3809735.6   491.1     5.00     4.65
4.65     YES                    NO
 L0001940         0   0.17036E-02  370512.7 3809738.4   491.0     5.00     4.65
4.65     YES                    NO
 L0001941         0   0.17036E-02  370522.3 3809741.3   490.9     5.00     4.65
4.65     YES                    NO
 L0001942         0   0.17036E-02  370531.9 3809744.1   491.1     5.00     4.65
4.65     YES                    NO
 L0001943         0   0.17036E-02  370541.5 3809746.9   491.1     5.00     4.65
4.65     YES                    NO
 L0001944         0   0.17036E-02  370551.1 3809749.7   491.2     5.00     4.65
4.65     YES                    NO
 L0001945         0   0.17036E-02  370560.7 3809752.6   491.3     5.00     4.65
4.65     YES                    NO
 L0001946         0   0.17036E-02  370570.2 3809755.4   491.4     5.00     4.65
4.65     YES                    NO
 L0001947         0   0.17036E-02  370579.8 3809758.2   491.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001948	0	0.17036E-02	370589.4	3809761.1	491.3	5.00	4.65	4.65
YES		NO						
L0001949	0	0.17036E-02	370599.0	3809763.9	491.3	5.00	4.65	4.65
YES		NO						
L0001950	0	0.17036E-02	370608.6	3809766.7	491.3	5.00	4.65	4.65
YES		NO						
L0001951	0	0.17036E-02	370618.2	3809769.6	491.3	5.00	4.65	4.65
YES		NO						
L0001952	0	0.17036E-02	370627.8	3809772.4	491.3	5.00	4.65	4.65
YES		NO						
L0001953	0	0.17036E-02	370637.4	3809775.2	491.3	5.00	4.65	4.65
YES		NO						
L0001954	0	0.17036E-02	370647.0	3809778.1	491.2	5.00	4.65	4.65
YES		NO						
L0001955	0	0.17036E-02	370656.6	3809780.9	491.3	5.00	4.65	4.65
YES		NO						
L0001956	0	0.17036E-02	370666.2	3809783.7	491.3	5.00	4.65	4.65
YES		NO						
L0001957	0	0.17036E-02	370675.7	3809786.6	491.2	5.00	4.65	4.65
YES		NO						
L0001958	0	0.17036E-02	370685.3	3809789.4	491.2	5.00	4.65	4.65
YES		NO						
L0001959	0	0.17036E-02	370694.9	3809792.2	491.2	5.00	4.65	4.65
YES		NO						
L0001960	0	0.17036E-02	370704.5	3809795.1	491.2	5.00	4.65	4.65
YES		NO						
L0001961	0	0.17036E-02	370714.1	3809797.9	491.3	5.00	4.65	4.65
YES		NO						
L0001962	0	0.17036E-02	370723.7	3809800.7	491.4	5.00	4.65	4.65
YES		NO						
L0001963	0	0.17036E-02	370733.3	3809803.6	491.6	5.00	4.65	4.65
YES		NO						
L0001964	0	0.17036E-02	370742.9	3809806.4	491.7	5.00	4.65	4.65
YES		NO						
L0001965	0	0.17036E-02	370752.5	3809809.2	491.8	5.00	4.65	4.65
YES		NO						
L0001966	0	0.17036E-02	370751.1	3809815.2	491.8	5.00	4.65	4.65
YES		NO						
L0001967	0	0.17036E-02	370741.7	3809815.3	491.6	5.00	4.65	4.65
YES		NO						
L0001968	0	0.17036E-02	370731.7	3809814.0	491.5	5.00	4.65	4.65
YES		NO						
L0001969	0	0.17036E-02	370725.3	3809819.3	491.4	5.00	4.65	4.65
YES		NO						
L0001970	0	0.17036E-02	370720.9	3809828.3	491.8	5.00	4.65	4.65
YES		NO						
L0001971	0	0.17036E-02	370716.5	3809837.3	493.2	5.00	4.65	4.65
YES		NO						

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 L0001972         0   0.17036E-02  370712.1 3809846.2   494.9     5.00     4.65
4.65     YES                    NO
 L0001973         0   0.17036E-02  370707.7 3809855.2   496.8     5.00     4.65
4.65     YES                    NO
 L0001974         0   0.17036E-02  370699.6 3809856.7   497.3     5.00     4.65
4.65     YES                    NO
 L0001975         0   0.17036E-02  370689.8 3809854.7   495.1     5.00     4.65
4.65     YES                    NO
 L0001976         0   0.17036E-02  370680.0 3809852.7   492.8     5.00     4.65
4.65     YES                    NO
 L0001977         0   0.17036E-02  370676.7 3809843.5   491.6     5.00     4.65
4.65     YES                    NO
 L0001978         0   0.17036E-02  370673.8 3809834.0   490.8     5.00     4.65
4.65     YES                    NO
 L0001979         0   0.17036E-02  370670.9 3809824.4   490.4     5.00     4.65
4.65     YES                    NO
 L0001980         0   0.17036E-02  370665.2 3809817.4   490.5     5.00     4.65
4.65     YES                    NO
 L0001981         0   0.17036E-02  370655.9 3809813.7   490.5     5.00     4.65
4.65     YES                    NO
 L0001982         0   0.17036E-02  370646.6 3809810.0   490.5     5.00     4.65
4.65     YES                    NO
 L0001983         0   0.17036E-02  370637.3 3809806.3   490.5     5.00     4.65
4.65     YES                    NO
 L0001984         0   0.17036E-02  370628.0 3809802.6   490.5     5.00     4.65
4.65     YES                    NO
 L0001985         0   0.17036E-02  370618.8 3809798.9   490.5     5.00     4.65
4.65     YES                    NO
 L0001986         0   0.17036E-02  370609.1 3809796.7   490.5     5.00     4.65
4.65     YES                    NO
 L0001987         0   0.17036E-02  370599.1 3809795.9   490.5     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0001988	0	0.17036E-02	370596.0	3809803.2	490.3	5.00	4.65	4.65
YES		NO						
L0001989	0	0.17036E-02	370595.2	3809813.2	490.1	5.00	4.65	4.65
YES		NO						
L0001990	0	0.17036E-02	370594.4	3809823.1	489.9	5.00	4.65	4.65
YES		NO						
L0001991	0	0.17036E-02	370593.6	3809833.1	489.5	5.00	4.65	4.65
YES		NO						
L0001992	0	0.17036E-02	370592.8	3809843.1	489.1	5.00	4.65	4.65
YES		NO						
L0001993	0	0.17036E-02	370592.0	3809853.0	488.7	5.00	4.65	4.65
YES		NO						
L0001994	0	0.17036E-02	370591.2	3809863.0	488.4	5.00	4.65	4.65
YES		NO						
L0001995	0	0.17036E-02	370581.7	3809863.6	488.4	5.00	4.65	4.65
YES		NO						
L0001996	0	0.17036E-02	370571.7	3809863.6	488.3	5.00	4.65	4.65
YES		NO						
L0001997	0	0.17036E-02	370561.7	3809863.6	488.4	5.00	4.65	4.65
YES		NO						
L0001998	0	0.17036E-02	370551.7	3809863.6	488.5	5.00	4.65	4.65
YES		NO						
L0001999	0	0.17036E-02	370541.7	3809863.6	488.5	5.00	4.65	4.65
YES		NO						
L0002000	0	0.17036E-02	370531.7	3809863.6	488.4	5.00	4.65	4.65
YES		NO						
L0002001	0	0.17036E-02	370521.7	3809863.6	488.3	5.00	4.65	4.65
YES		NO						
L0002002	0	0.17036E-02	370512.5	3809862.0	488.1	5.00	4.65	4.65
YES		NO						
L0002003	0	0.17036E-02	370506.6	3809853.9	488.2	5.00	4.65	4.65
YES		NO						
L0002004	0	0.17036E-02	370500.7	3809845.8	488.3	5.00	4.65	4.65
YES		NO						
L0002005	0	0.17036E-02	370494.8	3809837.8	488.5	5.00	4.65	4.65
YES		NO						
L0002006	0	0.17036E-02	370488.9	3809829.7	488.7	5.00	4.65	4.65
YES		NO						
L0002007	0	0.17036E-02	370483.0	3809821.6	489.0	5.00	4.65	4.65
YES		NO						
L0002008	0	0.17036E-02	370477.1	3809813.6	489.2	5.00	4.65	4.65
YES		NO						
L0002009	0	0.17036E-02	370473.4	3809805.2	489.4	5.00	4.65	4.65
YES		NO						
L0002010	0	0.17036E-02	370476.9	3809795.8	489.7	5.00	4.65	4.65
YES		NO						
L0002011	0	0.17036E-02	370480.4	3809786.4	489.9	5.00	4.65	4.65
YES		NO						

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 L0002012         0   0.17036E-02  370483.9 3809777.1   490.1     5.00     4.65
4.65     YES                    NO
 L0002013         0   0.17036E-02  370487.4 3809767.7   490.2     5.00     4.65
4.65     YES                    NO
 L0002014         0   0.17036E-02  370496.6 3809769.3   490.2     5.00     4.65
4.65     YES                    NO
 L0002015         0   0.17036E-02  370506.3 3809771.9   490.3     5.00     4.65
4.65     YES                    NO
 L0002016         0   0.17036E-02  370515.9 3809774.5   490.3     5.00     4.65
4.65     YES                    NO
 L0002017         0   0.17036E-02  370525.6 3809777.1   490.4     5.00     4.65
4.65     YES                    NO
 L0002018         0   0.17036E-02  370535.2 3809779.6   490.4     5.00     4.65
4.65     YES                    NO
 L0002019         0   0.17036E-02  370544.9 3809782.2   490.4     5.00     4.65
4.65     YES                    NO
 L0002020         0   0.17036E-02  370554.6 3809784.8   490.5     5.00     4.65
4.65     YES                    NO
 L0002021         0   0.17036E-02  370562.8 3809788.7   490.5     5.00     4.65
4.65     YES                    NO
 L0002022         0   0.17036E-02  370565.4 3809798.4   490.3     5.00     4.65
4.65     YES                    NO
 L0002023         0   0.17036E-02  370567.9 3809808.1   490.1     5.00     4.65
4.65     YES                    NO
 L0002024         0   0.17036E-02  370570.4 3809817.8   489.9     5.00     4.65
4.65     YES                    NO
 L0002025         0   0.17036E-02  370572.9 3809827.4   489.7     5.00     4.65
4.65     YES                    NO
 L0002026         0   0.17036E-02  370571.6 3809834.6   489.4     5.00     4.65
4.65     YES                    NO
 L0002027         0   0.17036E-02  370561.7 3809836.0   489.3     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0002028	0	0.17036E-02	370551.8	3809837.4	489.2	5.00	4.65	4.65
YES		NO						
L0002029	0	0.17036E-02	370549.7	3809828.7	489.4	5.00	4.65	4.65
YES		NO						
L0002030	0	0.17036E-02	370548.5	3809818.8	489.6	5.00	4.65	4.65
YES		NO						
L0002031	0	0.17036E-02	370547.4	3809808.9	489.9	5.00	4.65	4.65
YES		NO						
L0002032	0	0.17036E-02	370546.2	3809798.9	490.1	5.00	4.65	4.65
YES		NO						
L0002033	0	0.17036E-02	370538.8	3809794.2	490.1	5.00	4.65	4.65
YES		NO						
L0002034	0	0.17036E-02	370529.3	3809791.2	490.0	5.00	4.65	4.65
YES		NO						
L0002035	0	0.17036E-02	370389.5	3809637.5	492.5	5.00	4.65	4.65
YES		NO						
L0002036	0	0.17036E-02	370391.8	3809627.8	492.6	5.00	4.65	4.65
YES		NO						
L0002037	0	0.17036E-02	370394.0	3809618.0	492.8	5.00	4.65	4.65
YES		NO						
L0002038	0	0.17036E-02	370396.3	3809608.3	493.0	5.00	4.65	4.65
YES		NO						
L0002039	0	0.17036E-02	370398.6	3809598.5	493.1	5.00	4.65	4.65
YES		NO						
L0002040	0	0.17036E-02	370400.8	3809588.8	493.0	5.00	4.65	4.65
YES		NO						
L0002041	0	0.17036E-02	370403.1	3809579.1	492.9	5.00	4.65	4.65
YES		NO						
L0002042	0	0.17036E-02	370408.7	3809571.4	493.0	5.00	4.65	4.65
YES		NO						
L0002043	0	0.17036E-02	370416.4	3809565.0	493.3	5.00	4.65	4.65
YES		NO						
L0002044	0	0.17036E-02	370424.0	3809558.5	494.1	5.00	4.65	4.65
YES		NO						
L0002045	0	0.17036E-02	370431.7	3809552.1	494.1	5.00	4.65	4.65
YES		NO						
L0002046	0	0.17036E-02	370439.3	3809545.6	494.2	5.00	4.65	4.65
YES		NO						
L0002047	0	0.17036E-02	370447.0	3809539.2	495.6	5.00	4.65	4.65
YES		NO						
L0002048	0	0.17036E-02	370454.6	3809532.7	496.4	5.00	4.65	4.65
YES		NO						
L0002049	0	0.17036E-02	370462.3	3809526.3	496.2	5.00	4.65	4.65
YES		NO						
L0002050	0	0.17036E-02	370470.3	3809520.3	495.5	5.00	4.65	4.65
YES		NO						
L0002051	0	0.17036E-02	370479.0	3809515.4	495.7	5.00	4.65	4.65
YES		NO						

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 L0002052         0   0.17036E-02  370487.7 3809510.5   496.0     5.00     4.65
4.65     YES                    NO
 L0002053         0   0.17036E-02  370496.4 3809505.5   496.1     5.00     4.65
4.65     YES                    NO
 L0002054         0   0.17036E-02  370505.1 3809500.6   495.9     5.00     4.65
4.65     YES                    NO
 L0002055         0   0.17036E-02  370513.8 3809495.7   495.9     5.00     4.65
4.65     YES                    NO
 L0002056         0   0.17036E-02  370522.4 3809490.7   496.0     5.00     4.65
4.65     YES                    NO
 L0002057         0   0.17036E-02  370531.1 3809485.8   496.2     5.00     4.65
4.65     YES                    NO
 L0002058         0   0.17036E-02  370539.8 3809480.8   496.5     5.00     4.65
4.65     YES                    NO
 L0002059         0   0.17036E-02  370548.5 3809475.9   496.8     5.00     4.65
4.65     YES                    NO
 L0002060         0   0.17036E-02  370557.2 3809479.1   496.9     5.00     4.65
4.65     YES                    NO
 L0002061         0   0.17036E-02  370565.9 3809484.1   496.9     5.00     4.65
4.65     YES                    NO
 L0002062         0   0.17036E-02  370574.5 3809489.1   497.1     5.00     4.65
4.65     YES                    NO
 L0002063         0   0.17036E-02  370583.2 3809494.1   497.2     5.00     4.65
4.65     YES                    NO
 L0002064         0   0.17036E-02  370591.8 3809499.2   497.3     5.00     4.65
4.65     YES                    NO
 L0002065         0   0.17036E-02  370589.9 3809508.4   497.2     5.00     4.65
4.65     YES                    NO
 L0002066         0   0.17036E-02  370587.1 3809518.0   497.0     5.00     4.65
4.65     YES                    NO
 L0002067         0   0.17036E-02  370584.3 3809527.6   496.7     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0002068	0	0.17036E-02	370581.5	3809537.2	496.5	5.00	4.65	4.65
YES		NO						
L0002069	0	0.17036E-02	370578.7	3809546.8	496.3	5.00	4.65	4.65
YES		NO						
L0002070	0	0.17036E-02	370575.9	3809556.4	496.0	5.00	4.65	4.65
YES		NO						
L0002071	0	0.17036E-02	370573.1	3809566.0	495.8	5.00	4.65	4.65
YES		NO						
L0002072	0	0.17036E-02	370570.3	3809575.6	495.6	5.00	4.65	4.65
YES		NO						
L0002073	0	0.17036E-02	370567.4	3809585.1	495.3	5.00	4.65	4.65
YES		NO						
L0002074	0	0.17036E-02	370564.6	3809594.7	495.0	5.00	4.65	4.65
YES		NO						
L0002075	0	0.17036E-02	370561.8	3809604.3	494.7	5.00	4.65	4.65
YES		NO						
L0002076	0	0.17036E-02	370564.3	3809609.9	494.5	5.00	4.65	4.65
YES		NO						
L0002077	0	0.17036E-02	370574.2	3809609.5	494.6	5.00	4.65	4.65
YES		NO						
L0002078	0	0.17036E-02	370584.2	3809609.2	494.7	5.00	4.65	4.65
YES		NO						
L0002079	0	0.17036E-02	370594.2	3809608.8	494.8	5.00	4.65	4.65
YES		NO						
L0002080	0	0.17036E-02	370604.2	3809608.5	494.9	5.00	4.65	4.65
YES		NO						
L0002081	0	0.17036E-02	370614.2	3809608.1	495.1	5.00	4.65	4.65
YES		NO						
L0002082	0	0.17036E-02	370623.7	3809608.2	495.2	5.00	4.65	4.65
YES		NO						
L0002083	0	0.17036E-02	370622.5	3809618.2	495.0	5.00	4.65	4.65
YES		NO						
L0002084	0	0.17036E-02	370619.1	3809625.5	494.8	5.00	4.65	4.65
YES		NO						
L0002085	0	0.17036E-02	370609.1	3809625.2	494.7	5.00	4.65	4.65
YES		NO						
L0002086	0	0.17036E-02	370599.1	3809624.8	494.6	5.00	4.65	4.65
YES		NO						
L0002087	0	0.17036E-02	370591.2	3809626.8	494.5	5.00	4.65	4.65
YES		NO						
L0002088	0	0.17036E-02	370590.2	3809636.8	494.4	5.00	4.65	4.65
YES		NO						
L0002089	0	0.17036E-02	370589.3	3809646.7	494.1	5.00	4.65	4.65
YES		NO						
L0002090	0	0.17036E-02	370588.3	3809656.7	493.6	5.00	4.65	4.65
YES		NO						
L0002091	0	0.17036E-02	370587.3	3809666.6	493.2	5.00	4.65	4.65
YES		NO						

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 L0002092         0   0.17036E-02  370586.4 3809676.6   492.9     5.00     4.65
4.65     YES                    NO
 L0002093         0   0.17036E-02  370585.4 3809686.5   492.8     5.00     4.65
4.65     YES                    NO
 L0002094         0   0.17036E-02  370582.0 3809692.8   492.7     5.00     4.65
4.65     YES                    NO
 L0002095         0   0.17036E-02  370572.5 3809689.8   492.5     5.00     4.65
4.65     YES                    NO
 L0002096         0   0.17036E-02  370562.9 3809686.8   492.4     5.00     4.65
4.65     YES                    NO
 L0002097         0   0.17036E-02  370553.4 3809683.8   492.3     5.00     4.65
4.65     YES                    NO
 L0002098         0   0.17036E-02  370543.9 3809680.8   492.2     5.00     4.65
4.65     YES                    NO
 L0002099         0   0.17036E-02  370534.3 3809677.8   492.4     5.00     4.65
4.65     YES                    NO
 L0002100         0   0.17036E-02  370524.8 3809674.8   492.5     5.00     4.65
4.65     YES                    NO
 L0002101         0   0.17036E-02  370515.2 3809671.8   492.7     5.00     4.65
4.65     YES                    NO
 L0002102         0   0.17036E-02  370505.7 3809668.8   492.9     5.00     4.65
4.65     YES                    NO
 L0002103         0   0.17036E-02  370496.2 3809665.8   493.1     5.00     4.65
4.65     YES                    NO
 L0002104         0   0.17036E-02  370486.6 3809662.8   493.0     5.00     4.65
4.65     YES                    NO
 L0002105         0   0.17036E-02  370477.1 3809659.8   492.9     5.00     4.65
4.65     YES                    NO
 L0002106         0   0.17036E-02  370467.5 3809656.8   492.8     5.00     4.65
4.65     YES                    NO
 L0002107         0   0.17036E-02  370458.0 3809653.8   493.4     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0002108	0	0.17036E-02	370448.5	3809650.8	494.3	5.00	4.65	4.65
YES		NO						
L0002109	0	0.17036E-02	370438.9	3809647.8	495.8	5.00	4.65	4.65
YES		NO						
L0002110	0	0.17036E-02	370429.4	3809644.8	498.2	5.00	4.65	4.65
YES		NO						
L0002111	0	0.17036E-02	370419.8	3809641.8	500.5	5.00	4.65	4.65
YES		NO						
L0002112	0	0.17036E-02	370410.3	3809638.8	498.7	5.00	4.65	4.65
YES		NO						
L0002113	0	0.17036E-02	370408.5	3809631.1	497.2	5.00	4.65	4.65
YES		NO						
L0002114	0	0.17036E-02	370410.1	3809621.3	496.4	5.00	4.65	4.65
YES		NO						
L0002115	0	0.17036E-02	370411.8	3809611.4	495.4	5.00	4.65	4.65
YES		NO						
L0002116	0	0.17036E-02	370413.5	3809601.6	494.8	5.00	4.65	4.65
YES		NO						
L0002117	0	0.17036E-02	370415.4	3809591.8	494.0	5.00	4.65	4.65
YES		NO						
L0002118	0	0.17036E-02	370422.0	3809584.3	494.9	5.00	4.65	4.65
YES		NO						
L0002119	0	0.17036E-02	370428.6	3809576.7	496.0	5.00	4.65	4.65
YES		NO						
L0002120	0	0.17036E-02	370435.1	3809569.2	496.5	5.00	4.65	4.65
YES		NO						
L0002121	0	0.17036E-02	370441.7	3809561.7	496.4	5.00	4.65	4.65
YES		NO						
L0002122	0	0.17036E-02	370448.3	3809554.1	497.0	5.00	4.65	4.65
YES		NO						
L0002123	0	0.17036E-02	370455.4	3809547.3	498.2	5.00	4.65	4.65
YES		NO						
L0002124	0	0.17036E-02	370464.1	3809542.3	499.6	5.00	4.65	4.65
YES		NO						
L0002125	0	0.17036E-02	370472.7	3809537.2	499.1	5.00	4.65	4.65
YES		NO						
L0002126	0	0.17036E-02	370481.4	3809532.2	498.4	5.00	4.65	4.65
YES		NO						
L0002127	0	0.17036E-02	370490.0	3809527.3	497.8	5.00	4.65	4.65
YES		NO						
L0002128	0	0.17036E-02	370498.8	3809522.5	496.7	5.00	4.65	4.65
YES		NO						
L0002129	0	0.17036E-02	370507.6	3809517.7	496.0	5.00	4.65	4.65
YES		NO						
L0002130	0	0.17036E-02	370516.4	3809512.9	495.8	5.00	4.65	4.65
YES		NO						
L0002131	0	0.17036E-02	370525.2	3809508.1	496.0	5.00	4.65	4.65
YES		NO						

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 L0002132         0   0.17036E-02  370533.9 3809503.3   496.2     5.00     4.65
4.65     YES                    NO
 L0002133         0   0.17036E-02  370542.6 3809498.4   496.4     5.00     4.65
4.65     YES                    NO
 L0002134         0   0.17036E-02  370551.2 3809494.7   496.5     5.00     4.65
4.65     YES                    NO
 L0002135         0   0.17036E-02  370559.7 3809500.0   496.7     5.00     4.65
4.65     YES                    NO
 L0002136         0   0.17036E-02  370568.2 3809505.3   496.8     5.00     4.65
4.65     YES                    NO
 L0002137         0   0.17036E-02  370576.7 3809510.6   496.9     5.00     4.65
4.65     YES                    NO
 L0002138         0   0.17036E-02  370573.6 3809519.9   496.7     5.00     4.65
4.65     YES                    NO
 L0002139         0   0.17036E-02  370570.3 3809529.3   496.5     5.00     4.65
4.65     YES                    NO
 L0002140         0   0.17036E-02  370567.0 3809538.7   496.3     5.00     4.65
4.65     YES                    NO
 L0002141         0   0.17036E-02  370563.6 3809548.2   496.1     5.00     4.65
4.65     YES                    NO
 L0002142         0   0.17036E-02  370560.3 3809557.6   495.9     5.00     4.65
4.65     YES                    NO
 L0002143         0   0.17036E-02  370556.9 3809567.0   495.6     5.00     4.65
4.65     YES                    NO
 L0002144         0   0.17036E-02  370553.6 3809576.4   495.4     5.00     4.65
4.65     YES                    NO
 L0002145         0   0.17036E-02  370550.3 3809585.9   495.1     5.00     4.65
4.65     YES                    NO
 L0002146         0   0.17036E-02  370546.9 3809595.3   494.9     5.00     4.65
4.65     YES                    NO
 L0002147         0   0.17036E-02  370546.0 3809605.1   494.6     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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L0002148	0	0.17036E-02	370546.4	3809615.1	494.4	5.00	4.65	4.65
YES		NO						
L0002149	0	0.17036E-02	370546.9	3809625.0	494.2	5.00	4.65	4.65
YES		NO						
L0002150	0	0.17036E-02	370547.4	3809635.0	494.0	5.00	4.65	4.65
YES		NO						
L0002151	0	0.17036E-02	370547.9	3809645.0	493.8	5.00	4.65	4.65
YES		NO						
L0002152	0	0.17036E-02	370538.9	3809643.3	493.8	5.00	4.65	4.65
YES		NO						
L0002153	0	0.17036E-02	370529.2	3809640.7	493.9	5.00	4.65	4.65
YES		NO						
L0002154	0	0.17036E-02	370519.6	3809638.2	493.9	5.00	4.65	4.65
YES		NO						
L0002155	0	0.17036E-02	370515.5	3809632.2	494.0	5.00	4.65	4.65
YES		NO						
L0002156	0	0.17036E-02	370517.7	3809622.5	494.3	5.00	4.65	4.65
YES		NO						
L0002157	0	0.17036E-02	370519.9	3809612.8	494.5	5.00	4.65	4.65
YES		NO						
L0002158	0	0.17036E-02	370522.2	3809603.0	494.7	5.00	4.65	4.65
YES		NO						
L0002159	0	0.17036E-02	370524.4	3809593.3	494.8	5.00	4.65	4.65
YES		NO						
L0002160	0	0.17036E-02	370526.7	3809583.5	495.0	5.00	4.65	4.65
YES		NO						
L0002161	0	0.17036E-02	370528.9	3809573.8	495.4	5.00	4.65	4.65
YES		NO						
L0002162	0	0.17036E-02	370531.2	3809564.0	495.8	5.00	4.65	4.65
YES		NO						
L0002163	0	0.17036E-02	370533.4	3809554.3	496.1	5.00	4.65	4.65
YES		NO						
L0002164	0	0.17036E-02	370535.6	3809544.5	496.1	5.00	4.65	4.65
YES		NO						
L0002165	0	0.17036E-02	370537.9	3809534.8	496.1	5.00	4.65	4.65
YES		NO						
L0002166	0	0.17036E-02	370539.9	3809525.2	496.2	5.00	4.65	4.65
YES		NO						
L0002167	0	0.17036E-02	370530.0	3809523.5	496.1	5.00	4.65	4.65
YES		NO						
L0002168	0	0.17036E-02	370525.4	3809529.5	496.2	5.00	4.65	4.65
YES		NO						
L0002169	0	0.17036E-02	370523.3	3809539.2	496.5	5.00	4.65	4.65
YES		NO						
L0002170	0	0.17036E-02	370521.3	3809549.0	496.9	5.00	4.65	4.65
YES		NO						
L0002171	0	0.17036E-02	370519.3	3809558.8	496.4	5.00	4.65	4.65
YES		NO						

```
 L0002172         0   0.17036E-02  370517.3 3809568.6   495.8     5.00     4.65
4.65     YES                    NO
 L0002173         0   0.17036E-02  370515.2 3809578.4   495.3     5.00     4.65
4.65     YES                    NO
 L0002174         0   0.17036E-02  370513.2 3809588.2   495.0     5.00     4.65
4.65     YES                    NO
 L0002175         0   0.17036E-02  370511.2 3809598.0   494.8     5.00     4.65
4.65     YES                    NO
 L0002176         0   0.17036E-02  370509.2 3809607.8   494.4     5.00     4.65
4.65     YES                    NO
 L0002177         0   0.17036E-02  370507.2 3809617.6   494.1     5.00     4.65
4.65     YES                    NO
 L0002178         0   0.17036E-02  370503.8 3809625.1   493.9     5.00     4.65
4.65     YES                    NO
 L0002179         0   0.17036E-02  370494.3 3809621.9   493.8     5.00     4.65
4.65     YES                    NO
 L0002180         0   0.17036E-02  370484.8 3809618.7   494.3     5.00     4.65
4.65     YES                    NO
 L0002181         0   0.17036E-02  370475.3 3809615.6   495.1     5.00     4.65
4.65     YES                    NO
 L0002182         0   0.17036E-02  370465.8 3809612.4   496.4     5.00     4.65
4.65     YES                    NO
 L0002183         0   0.17036E-02  370465.9 3809602.8   498.8     5.00     4.65
4.65     YES                    NO
 L0002184         0   0.17036E-02  370466.6 3809592.8   501.4     5.00     4.65
4.65     YES                    NO
 L0002185         0   0.17036E-02  370467.2 3809582.9   504.1     5.00     4.65
4.65     YES                    NO
 L0002186         0   0.17036E-02  370467.8 3809572.9   503.7     5.00     4.65
4.65     YES                    NO
 L0002187         0   0.17036E-02  370468.5 3809562.9   502.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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  PHASE2   L0000815   , L0000816   , L0000817   , L0000818   , L0000819   ,
L0000820   , L0000821   , L0000822   ,

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L0000828   , L0000829   , L0000830   ,

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L0000836   , L0000837   , L0000838   ,

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L0000844   , L0000845   , L0000846   ,

             L0000847   , L0000848   , L0000849   , L0000850   , L0000851   ,
L0000852   , L0000853   , L0000854   ,

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L0000860   , L0000861   , L0000862   ,

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L0000868   , L0000869   , L0000870   ,

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L0000876   , L0000877   , L0000878   ,

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L0000884   , L0000885   , L0000886   ,

             L0000887   , L0000888   , L0000889   , L0000890   , L0000891   ,
L0000892   , L0000893   , L0000894   ,

             L0000895   , L0000896   , L0000897   , L0000898   , L0000899   ,

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L0000900    , L0000901    , L0000902    ,

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L0000908    , L0000909    , L0000910    ,

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L0000916    , L0000917    , L0000918    ,

             L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
L0000924    , L0000925    , L0000926    ,

             L0000927    , L0000928    , L0000929    , L0000930    , L0000931    ,
L0000932    , L0000933    , L0000934    ,

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L0000940    , L0000941    , L0000942    ,

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L0000948    , L0000949    , L0000950    ,

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L0000956    , L0000957    , L0000958    ,

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L0000972    , L0000973    , L0000974    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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             L0000975    , L0000976    , L0000977    , L0000978    , L0000979    ,
L0000980    , L0000981    , L0000982    ,

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             L0000991    , L0000992    , L0000993    , L0000994    , L0000995    ,
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L0000996 , L0000997 , L0000998 ,

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L0001004 , L0001005 , L0001006 ,

L0001007 , L0001008 , L0001009 , L0001010 , L0001011 ,
L0001012 , L0001013 , L0001014 ,

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L0000270 , L0000271 , L0000272 ,

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L0000302 , L0000303 , L0000304 ,

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L0000310 , L0000311 , L0000312 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000321 , L0000322 , L0000323 , L0000324 , L0000325 ,
L0000326 , L0000327 , L0000328 ,

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L0000342 , L0000343 , L0000344 ,

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L0000350 , L0000351 , L0000352 ,

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L0000358 , L0000359 , L0000360 ,

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L0000369 , L0000370 , L0000371 , L0000372 , L0000373 ,
L0000374 , L0000375 , L0000376 ,

L0000377 , L0000378 , L0000379 , L0000380 , L0000381 ,
L0000382 , L0000383 , L0000384 ,

L0000385 , L0000386 , L0000387 , L0000388 , L0000389 ,
L0000390 , L0000391 , L0000392 ,

L0000393 , L0000394 , L0000395 , L0000396 , L0000397 ,
L0000398 , L0000399 , L0000400 ,

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L0000422    , L0000423    , L0000424    ,

             L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    , L0000431    , L0000432    ,

             L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
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L0000446    , L0000447    , L0000448    ,

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L0000478    , L0000479    , L0000480    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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             L0000481    , L0000482    , L0000483    , L0000484    , L0000485    ,
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L0000502    , L0000503    , L0000504    ,
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L0000574    , L0000575    , L0000576    ,

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L0000582    , L0000583    , L0000584    ,

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L0000622    , L0000623    , L0000624    ,

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L0000638    , L0000639    , L0000640    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 ,
	L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 ,
	L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 ,
	L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 ,
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	L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
	L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
	L0000721 , L0000722 , L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
	L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,

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L0000750    , L0000751    , L0000752    ,

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L0000758    , L0000759    , L0000760    ,

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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             L0000801    , L0000802    , L0000803    , L0000804    , L0000805    ,
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L0000814    ,

  PHASE3     L0001602    , L0001603    , L0001604    , L0001605    , L0001606    ,
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L0001738 , L0001739 , L0001740 , L0001741 , L0001742 ,
L0001743 , L0001744 , L0001745 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001746 , L0001747 , L0001748 , L0001749 , L0001750 , L0001751 , L0001752 , L0001753 ,
	L0001754 , L0001755 , L0001756 , L0001757 , L0001758 , L0001759 , L0001760 , L0001761 ,
	L0001762 , L0001763 , L0001764 , L0001765 , L0001766 , L0001767 , L0001768 , L0001769 ,
	L0001770 , L0001771 , L0001772 , L0001773 , L0001774 , L0001775 , L0001776 , L0001777 ,
	L0001778 , L0001779 , L0001780 , L0001781 , L0001782 , L0001783 , L0001784 , L0001785 ,
	L0001786 , L0001787 , L0001788 , L0001789 , L0001790 , L0001791 , L0001792 , L0001793 ,
	L0001794 , L0001795 , L0001796 , L0001797 , L0001798 , L0001799 , L0001800 , L0001801 ,
	L0001802 , L0001803 , L0001804 , L0001805 , L0001806 , L0001807 , L0001808 , L0001809 ,
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	L0001818 , L0001819 , L0001820 , L0001821 , L0001822 , L0001823 , L0001824 , L0001825 ,
	L0001826 , L0001827 , L0001828 , L0001829 , L0001830 , L0001831 , L0001832 , L0001833 ,
	L0001834 , L0001835 , L0001836 , L0001837 , L0001838 , L0001839 , L0001840 , L0001841 ,
	L0001842 , L0001843 , L0001844 , L0001845 , L0001846 ,

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L0001903   , L0001904   , L0001905   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0001930   , L0001931   , L0001932   , L0001933   , L0001934   ,
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L0001959    , L0001960    , L0001961    ,

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L0001967    , L0001968    , L0001969    ,

             L0001970    , L0001971    , L0001972    , L0001973    , L0001974    ,
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Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0002082 , L0002083 , L0002084 , L0002085 , L0002086 , L0002087 , L0002088 , L0002089 ,
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	L0002146 , L0002147 , L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 ,
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
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                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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                                 PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0002148 , L0002149 , L0002150 , L0002151 , L0002152 , L0002153 , L0002154 , L0002155 ,
	L0002156 , L0002157 , L0002158 , L0002159 , L0002160 , L0002161 , L0002162 , L0002163 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000823 , L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 ,
		L0000831 , L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 ,
		L0000839 , L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 ,
		L0000847 , L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
		L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
		L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
		L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 ,

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L0000892    , L0000893    , L0000894    ,

             L0000895    , L0000896    , L0000897    , L0000898    , L0000899    ,
L0000900    , L0000901    , L0000902    ,

             L0000903    , L0000904    , L0000905    , L0000906    , L0000907    ,
L0000908    , L0000909    , L0000910    ,

             L0000911    , L0000912    , L0000913    , L0000914    , L0000915    ,
L0000916    , L0000917    , L0000918    ,

             L0000919    , L0000920    , L0000921    , L0000922    , L0000923    ,
L0000924    , L0000925    , L0000926    ,

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L0000932    , L0000933    , L0000934    ,

             L0000935    , L0000936    , L0000937    , L0000938    , L0000939    ,
L0000940    , L0000941    , L0000942    ,

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L0000956    , L0000957    , L0000958    ,

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L0000964    , L0000965    , L0000966    ,

             L0000967    , L0000968    , L0000969    , L0000970    , L0000971    ,
L0000972    , L0000973    , L0000974    ,
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------
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             L0000975    , L0000976    , L0000977    , L0000978    , L0000979    ,
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L0000988    , L0000989    , L0000990    ,

             L0000991    , L0000992    , L0000993    , L0000994    , L0000995    ,
L0000996    , L0000997    , L0000998    ,

             L0000999    , L0001000    , L0001001    , L0001002    , L0001003    ,
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             L0001007    , L0001008    , L0001009    , L0001010    , L0001011    ,
L0001012    , L0001013    , L0001014    ,

             L0000201    , L0000202    , L0000203    , L0000204    , L0000205    ,
L0000206    , L0000207    , L0000208    ,

             L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
L0000214    , L0000215    , L0000216    ,

             L0000217    , L0000218    , L0000219    , L0000220    , L0000221    ,
L0000222    , L0000223    , L0000224    ,

             L0000225    , L0000226    , L0000227    , L0000228    , L0000229    ,
L0000230    , L0000231    , L0000232    ,

             L0000233    , L0000234    , L0000235    , L0000236    , L0000237    ,
L0000238    , L0000239    , L0000240    ,

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L0000262    , L0000263    , L0000264    ,

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L0000270    , L0000271    , L0000272    ,

             L0000273    , L0000274    , L0000275    , L0000276    , L0000277    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0000345 , L0000346 , L0000347 , L0000348 , L0000349 ,
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L0000398    , L0000399    , L0000400    ,

             L0000401    , L0000402    , L0000403    , L0000404    , L0000405    ,
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             L0000409    , L0000410    , L0000411    , L0000412    , L0000413    ,
L0000414    , L0000415    , L0000416    ,

             L0000417    , L0000418    , L0000419    , L0000420    , L0000421    ,
L0000422    , L0000423    , L0000424    ,

             L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    , L0000431    , L0000432    ,

             L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    , L0000439    , L0000440    ,

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L0000446    , L0000447    , L0000448    ,

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
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L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 ,

L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 ,

L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

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L0000718    , L0000719    , L0000720    ,

             L0000721    , L0000722    , L0000723    , L0000724    , L0000725    ,
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             L0000729    , L0000730    , L0000731    , L0000732    , L0000733    ,
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L0000758    , L0000759    , L0000760    ,

             L0000761    , L0000762    , L0000763    , L0000764    , L0000765    ,
L0000766    , L0000767    , L0000768    ,

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L0000790    , L0000791    , L0000792    ,

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L0000798    , L0000799    , L0000800    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0001796 , L0001797 , L0001798 , L0001799 , L0001800 ,
L0001801 , L0001802 , L0001803 ,

L0001804 , L0001805 , L0001806 , L0001807 , L0001808 ,
L0001809 , L0001810 , L0001811 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001908 , L0001909 , L0001910 , L0001911 , L0001912 ,
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L0001916 , L0001917 , L0001918 , L0001919 , L0001920 ,
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L0002001 , L0002002 , L0002003 ,

L0002004 , L0002005 , L0002006 , L0002007 , L0002008 ,
L0002009 , L0002010 , L0002011 ,

L0002012 , L0002013 , L0002014 , L0002015 , L0002016 ,
L0002017 , L0002018 , L0002019 ,

L0002020 , L0002021 , L0002022 , L0002023 , L0002024 ,
L0002025 , L0002026 , L0002027 ,

L0002028 , L0002029 , L0002030 , L0002031 , L0002032 ,
L0002033 , L0002034 , L0002035 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0002100 , L0002101 , L0002102 , L0002103 , L0002104 ,
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L0002180 , L0002181 , L0002182 , L0002183 , L0002184 , L0002185 , L0002186 , L0002187 ,

L0002188 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(370852.9, 3809315.8, 504.8, 1482.1, 0.0); (370873.3, 3809315.8, 504.8, 1482.1, 0.0);
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(370791.7, 3809348.4, 503.7, 1482.1, 0.0); (370791.7, 3809381.0, 502.9, 1482.1, 0.0);
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(370852.9, 3809381.0, 503.5, 1482.1, 0.0); (370873.3,

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     ( 370934.6, 3809381.0,     501.8,    1482.1,       0.0);         ( 370955.0,
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     ( 370852.9, 3809413.5,     502.6,    1482.1,       0.0);         ( 370873.3,
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     ( 370893.7, 3809413.5,     502.2,    1482.1,       0.0);         ( 370914.1,
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     ( 370934.6, 3809413.5,     501.4,    1482.1,       0.0);         ( 370955.0,
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3809478.7,     500.6,    1482.1,       0.0);
     ( 370893.7, 3809478.7,     500.2,    1482.1,       0.0);         ( 370914.1,
3809478.7,     499.9,    1482.1,       0.0);
     ( 370934.6, 3809478.7,     499.5,    1482.1,       0.0);         ( 370955.0,
3809478.7,     499.1,    1482.1,       0.0);
     ( 370730.5, 3809511.2,     498.9,    1482.1,       0.0);         ( 370750.9,
3809511.2,     499.2,    1482.1,       0.0);
     ( 370771.3, 3809511.2,     499.6,    1482.1,       0.0);         ( 370791.7,
3809511.2,     499.9,    1482.1,       0.0);
     ( 370812.1, 3809511.2,     499.9,    1482.1,       0.0);         ( 370832.5,
3809511.2,     499.9,    1482.1,       0.0);
     ( 370852.9, 3809511.2,     499.8,    1482.1,       0.0);         ( 370873.3,
3809511.2,     499.5,    1482.1,       0.0);
     ( 370893.7, 3809511.2,     499.2,    1482.1,       0.0);         ( 370914.1,
3809511.2,     499.0,    1482.1,       0.0);
     ( 370934.6, 3809511.2,     498.7,    1482.1,       0.0);         ( 370955.0,
3809511.2,     498.1,    1482.1,       0.0);
     ( 370689.6, 3809543.8,     497.7,    1482.1,       0.0);         ( 370710.0,
3809543.8,     497.8,    1482.1,       0.0);
     ( 370730.5, 3809543.8,     498.0,    1482.1,       0.0);         ( 370750.9,
3809543.8,     498.3,    1482.1,       0.0);
     ( 370771.3, 3809543.8,     498.8,    1482.1,       0.0);         ( 370791.7,
3809543.8,     498.8,    1482.1,       0.0);
     ( 370812.1, 3809543.8,     498.8,    1482.1,       0.0);         ( 370832.5,
```

3809543.8,   498.8,   1482.1,   0.0);
     (370852.9, 3809543.8,   498.7,   1482.1,   0.0);   (370873.3,
3809543.8,   498.5,   1482.1,   0.0);
     (370893.7, 3809543.8,   498.4,   1482.1,   0.0);   (370914.1,
3809543.8,   498.0,   1482.1,   0.0);
     (370934.6, 3809543.8,   497.5,   1482.1,   0.0);   (370955.0,
3809543.8,   497.3,   1482.1,   0.0);
     (370669.2, 3809576.4,   496.9,   1482.1,   0.0);   (370689.6,
3809576.4,   497.1,   1482.1,   0.0);
     (370710.0, 3809576.4,   497.2,   1482.1,   0.0);   (370730.5,
3809576.4,   497.5,   1482.1,   0.0);
     (370750.9, 3809576.4,   497.9,   1482.1,   0.0);   (370771.3,
3809576.4,   497.8,   1482.1,   0.0);
     (370791.7, 3809576.4,   497.8,   1482.1,   0.0);   (370812.1,
3809576.4,   497.9,   1482.1,   0.0);
     (370832.5, 3809576.4,   497.9,   1482.1,   0.0);   (370852.9,
3809576.4,   497.7,   1482.1,   0.0);
     (370873.3, 3809576.4,   497.6,   1482.1,   0.0);   (370893.7,
3809576.4,   497.4,   1482.1,   0.0);
     (370914.1, 3809576.4,   497.3,   1482.1,   0.0);   (370934.6,
3809576.4,   496.9,   1482.1,   0.0);
     (370955.0, 3809576.4,   496.3,   1482.1,   0.0);   (370669.2,
3809608.9,   496.0,   1482.1,   0.0);
     (370689.6, 3809608.9,   496.1,   1482.1,   0.0);   (370710.0,
3809608.9,   496.3,   1482.1,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (370730.5, 3809608.9,   496.6,   1482.1,   0.0);   (370750.9,
3809608.9,   496.7,   1482.1,   0.0);
     (370771.3, 3809608.9,   496.7,   1482.1,   0.0);   (370791.7,
3809608.9,   497.0,   1482.1,   0.0);
     (370812.1, 3809608.9,   497.2,   1482.1,   0.0);   (370832.5,
3809608.9,   497.2,   1482.1,   0.0);
     (370852.9, 3809608.9,   496.9,   1482.1,   0.0);   (370873.3,
3809608.9,   496.7,   1482.1,   0.0);
     (370893.7, 3809608.9,   496.5,   1482.1,   0.0);   (370914.1,
3809608.9,   496.3,   1482.1,   0.0);
     (370934.6, 3809608.9,   495.9,   1482.1,   0.0);   (370628.4,
3809641.5,   494.4,   1482.1,   0.0);
     (370669.2, 3809641.5,   494.7,   1482.1,   0.0);   (370689.6,

```
3809641.5,     495.1,    1482.1,       0.0);
     ( 370710.0, 3809641.5,     495.8,    1482.1,       0.0);         ( 370730.5,
3809641.5,     496.4,    1482.1,       0.0);
     ( 370750.9, 3809641.5,     496.6,    1482.1,       0.0);         ( 370771.3,
3809641.5,     496.7,    1482.1,       0.0);
     ( 370791.7, 3809641.5,     496.7,    1482.1,       0.0);         ( 370812.1,
3809641.5,     496.3,    1482.1,       0.0);
     ( 370832.5, 3809641.5,     495.8,    1482.1,       0.0);         ( 370852.9,
3809641.5,     495.4,    1482.1,       0.0);
     ( 370873.3, 3809641.5,     495.4,    1482.1,       0.0);         ( 370893.7,
3809641.5,     495.3,    1482.1,       0.0);
     ( 370914.1, 3809641.5,     495.2,    1482.1,       0.0);         ( 370608.0,
3809674.1,     493.6,    1482.1,       0.0);
     ( 370628.4, 3809674.1,     494.0,    1482.1,       0.0);         ( 370669.2,
3809674.1,     494.4,    1482.1,       0.0);
     ( 370689.6, 3809674.1,     494.2,    1482.1,       0.0);         ( 370710.0,
3809674.1,     494.3,    1482.1,       0.0);
     ( 370730.5, 3809674.1,     494.7,    1482.1,       0.0);         ( 370750.9,
3809674.1,     494.9,    1482.1,       0.0);
     ( 370771.3, 3809674.1,     494.9,    1482.1,       0.0);         ( 370791.7,
3809674.1,     494.9,    1482.1,       0.0);
     ( 370812.1, 3809674.1,     495.0,    1482.1,       0.0);         ( 370832.5,
3809674.1,     495.1,    1482.1,       0.0);
     ( 370852.9, 3809674.1,     495.2,    1482.1,       0.0);         ( 370873.3,
3809674.1,     494.9,    1482.1,       0.0);
     ( 370893.7, 3809674.1,     494.8,    1482.1,       0.0);         ( 370628.4,
3809706.7,     493.0,    1482.1,       0.0);
     ( 370669.2, 3809706.7,     493.5,    1482.1,       0.0);         ( 370689.6,
3809706.7,     493.4,    1482.1,       0.0);
     ( 370710.0, 3809706.7,     493.6,    1482.1,       0.0);         ( 370730.5,
3809706.7,     493.9,    1482.1,       0.0);
     ( 370750.9, 3809706.7,     494.0,    1482.1,       0.0);         ( 370771.3,
3809706.7,     494.0,    1482.1,       0.0);
     ( 370689.6, 3809739.2,     492.7,    1482.1,       0.0);         ( 370710.0,
3809739.2,     492.8,    1482.1,       0.0);
     ( 370730.5, 3809739.2,     492.9,    1482.1,       0.0);         ( 370750.9,
3809739.2,     493.1,    1482.1,       0.0);
     ( 370771.3, 3809739.2,     493.2,    1482.1,       0.0);         ( 370791.7,
3809836.9,     492.2,    1482.1,       0.0);
     ( 370812.1, 3809836.9,     491.2,    1482.1,       0.0);         ( 370832.5,
3809836.9,     490.2,    1482.1,       0.0);
     ( 370852.9, 3809836.9,     490.1,    1482.1,       0.0);         ( 370750.9,
3809869.5,     497.4,    1482.1,       0.0);
     ( 370771.3, 3809869.5,     498.0,    1482.1,       0.0);         ( 370791.7,
3809869.5,     496.1,    1482.1,       0.0);
     ( 370812.1, 3809869.5,     492.7,    1482.1,       0.0);         ( 370832.5,
3809869.5,     489.7,    1482.1,       0.0);
     ( 370852.9, 3809869.5,     489.5,    1482.1,       0.0);         ( 370873.3,
3809869.5,     489.5,    1482.1,       0.0);
     ( 370893.7, 3809869.5,     489.3,    1482.1,       0.0);         ( 370914.1,
```

3809869.5,   489.2,   1482.1,   0.0);
     (370934.6, 3809869.5,   489.2,   1482.1,   0.0);   (370955.0,
3809869.5,   489.3,   1482.1,   0.0);
     (370832.5, 3809902.1,   488.8,   1482.1,   0.0);   (370852.9,
3809902.1,   488.8,   1482.1,   0.0);
     (370873.3, 3809902.1,   488.7,   1482.1,   0.0);   (370893.7,
3809902.1,   488.6,   1482.1,   0.0);
     (370934.6, 3809902.1,   488.5,   1482.1,   0.0);   (370726.1,
3809883.0,   498.7,   1482.1,   0.0);
     (370742.2, 3809839.4,   493.3,   1482.1,   0.0);   (370781.1,
3809850.8,   494.1,   1482.1,   0.0);
     (370794.4, 3809809.1,   491.4,   1482.1,   0.0);   (370958.4,
3809867.8,   489.3,   1482.1,   0.0);
     (370949.9, 3809895.3,   488.6,   1482.1,   0.0);   (370944.2,
3809910.5,   488.2,   1482.1,   0.0);
     (370906.3, 3809897.2,   488.6,   1482.1,   0.0);   (370891.1,
3809934.2,   487.8,   1482.1,   0.0);
     (370849.4, 3809909.6,   488.6,   1482.1,   0.0);   (370794.4,
3809896.3,   494.4,   1482.1,   0.0);
     (370726.1, 3809883.0,   498.7,   1482.1,   0.0);   (370742.2,
3809839.4,   493.3,   1482.1,   0.0);
     (370781.1, 3809850.8,   494.1,   1482.1,   0.0);   (370794.4,
3809809.1,   491.4,   1482.1,   0.0);
     (370958.4, 3809867.8,   489.3,   1482.1,   0.0);   (370949.9,
3809895.3,   488.6,   1482.1,   0.0);
     (370944.2, 3809910.5,   488.2,   1482.1,   0.0);   (370906.3,
3809897.2,   488.6,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (370891.1, 3809934.2,   487.8,   1482.1,   0.0);   (370849.4,
3809909.6,   488.6,   1482.1,   0.0);
     (370794.4, 3809896.3,   494.4,   1482.1,   0.0);   (370942.0,
3809335.7,   502.0,   1482.1,   0.0);
     (370943.1, 3809305.6,   506.3,   1482.1,   0.0);   (370799.2,
3809304.4,   503.0,   1482.1,   0.0);
     (370762.4, 3809318.9,   503.1,   1482.1,   0.0);   (370764.6,
3809370.3,   502.6,   1482.1,   0.0);
     (370809.2, 3809439.4,   502.0,   1482.1,   0.0);   (370739.0,
3809493.0,   499.4,   1482.1,   0.0);
     (370682.1, 3809529.8,   498.0,   1482.1,   0.0);   (370658.6,

3809573.3,   496.7,   1482.1,   0.0);
     (370681.0, 3809583.3,   496.8,   1482.1,   0.0);   (370681.0,
3809601.2,   496.3,   1482.1,   0.0);
     (370670.9, 3809604.5,   496.1,   1482.1,   0.0);   (370656.4,
3809606.7,   495.9,   1482.1,   0.0);
     (370647.5, 3809729.4,   492.6,   1482.1,   0.0);   (370782.5,
3809775.2,   492.3,   1482.1,   0.0);
     (370783.6, 3809697.1,   494.3,   1482.1,   0.0);   (370812.6,
3809694.9,   494.4,   1482.1,   0.0);
     (370865.0, 3809691.5,   494.6,   1482.1,   0.0);   (370895.1,
3809677.0,   494.7,   1482.1,   0.0);
     (370921.9, 3809654.7,   494.9,   1482.1,   0.0);   (370940.9,
3809612.3,   495.7,   1482.1,   0.0);
     (370944.2, 3809601.2,   495.9,   1482.1,   0.0);   (370974.3,
3809601.2,   495.0,   1482.1,   0.0);
     (370975.5, 3809351.3,   501.5,   1482.1,   0.0);   (370846.1,
3809349.1,   504.1,   1482.1,   0.0);
     (370833.8, 3809352.4,   503.9,   1482.1,   0.0);   (370817.0,
3809364.7,   503.5,   1482.1,   0.0);
     (370805.9, 3809365.8,   503.3,   1482.1,   0.0);   (370797.0,
3809358.0,   503.4,   1482.1,   0.0);
     (370795.9, 3809349.1,   503.8,   1482.1,   0.0);   (370798.1,
3809341.2,   504.1,   1482.1,   0.0);
     (370805.9, 3809336.8,   504.2,   1482.1,   0.0);   (370602.9,
3809704.9,   492.8,   1482.1,   0.0);
     (370608.5, 3809636.9,   494.5,   1482.1,   0.0);   (370639.7,
3809643.5,   494.4,   1482.1,   0.0);
     (370634.1, 3809708.2,   493.1,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                      * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                        LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                               SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                                 ID   XR (METERS)   YR (METERS)
(METERS)
                              -
- - -

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54,   3.09,   5.14,   8.23,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: ..\Belcaro Offsite Construction
HRA\Belcaro.dat\SCLR_V11_trimmed.sfc   Met Version: 22112
   Profile file: ..\Belcaro Offsite Construction
HRA\Belcaro.dat\SCLR_V11_trimmed.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23130   Upper air station no.:   3190
                  Name: UNKNOWN   Name: UNKNOWN

                  Year: 2018   Year: 2018

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -2.6 0.074 -9.000 -9.000 -999.   49.   13.5 0.09   2.01
1.00   0.88 144.   10.0 280.2   9.0
 18 01 01   1 02   -3.8 0.086 -9.000 -9.000 -999.   60.   14.4 0.09   2.01
1.00   1.10 130.   10.0 279.9   9.0
 18 01 01   1 03   -3.4 0.085 -9.000 -9.000 -999.   59.   15.4 0.17   2.01
1.00   0.91 163.   10.0 279.6   9.0
 18 01 01   1 04   -3.6 0.083 -9.000 -9.000 -999.   58.   14.1 0.09   2.01
1.00   1.06 130.   10.0 278.9   9.0
 18 01 01   1 05   -4.0 0.088 -9.000 -9.000 -999.   63.   14.6 0.09   2.01
1.00   1.14 141.   10.0 278.8   9.0
 18 01 01   1 06   -2.5 0.076 -9.000 -9.000 -999.   50.   15.2 0.17   2.01
1.00   0.73 173.   10.0 278.0   9.0
 18 01 01   1 07   -4.0 0.087 -9.000 -9.000 -999.   62.   14.5 0.09   2.01
1.00   1.13 136.   10.0 277.7   9.0
 18 01 01   1 08   -2.4 0.072 -9.000 -9.000 -999.   47.   13.7 0.09   2.01
0.59   0.89 133.   10.0 278.6   9.0
 18 01 01   1 09   24.8 0.157 0.329 0.017   50. 149.   -13.6 0.31   2.01
0.35   0.97 314.   7.9 282.4   9.0
 18 01 01   1 10   89.7 0.133 0.759 0.015 170. 117.   -2.3 0.03   2.01
0.27   1.33   19.   7.9 288.8   9.0

```
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2   ***
                                 INCLUDING SOURCE(S):     L0000815    , L0000816
, L0000817    , L0000818    , L0000819    ,
                 L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
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L0000828 , L0000829 , L0000830 , L0000831 , L0000832
, L0000833 , L0000834 , L0000835 ,
L0000836 , L0000837 , L0000838 , L0000839 , L0000840
, L0000841 , L0000842 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370771.28	3809315.82	12.39626	370791.69	3809315.82	11.63972
370812.10	3809315.82	10.86369	370832.51	3809315.82	10.26977
370852.92	3809315.82	9.93328	370873.33	3809315.82	9.81417
370893.74	3809315.82	10.05071	370914.15	3809315.82	10.29484
370934.56	3809315.82	10.72938	370771.28	3809348.39	16.61747
370791.69	3809348.39	14.60274	370791.69	3809380.96	19.11339
370812.10	3809380.96	16.00605	370832.51	3809380.96	14.26100
370852.92	3809380.96	13.41752	370873.33	3809380.96	13.29306
370893.74	3809380.96	13.76391	370914.15	3809380.96	15.02410
370934.56	3809380.96	17.41212	370954.97	3809380.96	22.19199
370812.10	3809413.53	18.72367	370832.51	3809413.53	16.19119
370852.92	3809413.53	15.15638	370873.33	3809413.53	15.01827
370893.74	3809413.53	15.75544	370914.15	3809413.53	17.50447
370934.56	3809413.53	20.88520	370954.97	3809413.53	27.91139
370812.10	3809446.10	19.79826	370832.51	3809446.10	17.40892
370852.92	3809446.10	16.58727	370873.33	3809446.10	16.61175
370893.74	3809446.10	17.71807	370914.15	3809446.10	19.88398
370934.56	3809446.10	23.97082	370954.97		

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3809446.10       31.92994
         370771.28    3809478.67       26.67702                       370791.69
3809478.67       22.02669
         370812.10    3809478.67       19.30189                       370832.51
3809478.67       17.97930
         370852.92    3809478.67       17.69310                       370873.33
3809478.67       18.16518
         370893.74    3809478.67       19.55429                       370914.15
3809478.67       22.09324
         370934.56    3809478.67       26.50652                       370954.97
3809478.67       34.73761
         370730.46    3809511.24       29.65569                       370750.87
3809511.24       25.20706
         370771.28    3809511.24       22.09344                       370791.69
3809511.24       20.05649
         370812.10    3809511.24       18.91469                       370832.51
3809511.24       18.51757
         370852.92    3809511.24       18.77447                       370873.33
3809511.24       19.79198
         370893.74    3809511.24       21.55374                       370914.15
3809511.24       24.34497
         370934.56    3809511.24       29.01594                       370954.97
3809511.24       37.54972
         370689.64    3809543.81       32.06673                       370710.05
3809543.81       26.88160
         370730.46    3809543.81       23.67553                       370750.87
3809543.81       21.54787
         370771.28    3809543.81       20.11188                       370791.69
3809543.81       19.38291
         370812.10    3809543.81       19.21107                       370832.51
3809543.81       19.53960
         370852.92    3809543.81       20.36847                       370873.33
3809543.81       21.86929
         370893.74    3809543.81       23.99411                       370914.15
3809543.81       27.30244
         370934.56    3809543.81       32.28704                       370954.97
3809543.81       40.90239
         370669.23    3809576.38       29.59797                       370689.64
3809576.38       24.71725
         370710.05    3809576.38       22.11234                       370730.46
3809576.38       20.61745
         370750.87    3809576.38       19.77552                       370771.28
3809576.38       19.56689
         370791.69    3809576.38       19.77257                       370812.10
3809576.38       20.32075
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***       15:44:03
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2 ***

INCLUDING SOURCE(S): L0000815 , L0000816 , L0000817 , L0000818 , L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370832.51	3809576.38	21.29868	370852.92	3809576.38	22.81386
370873.33	3809576.38	24.83104	370893.74	3809576.38	27.59717
370914.15	3809576.38	31.47210	370934.56	3809576.38	37.33592
370954.97	3809576.38	46.83448	370669.23	3809608.95	21.59310
370689.64	3809608.95	20.01610	370710.05	3809608.95	19.22112
370730.46	3809608.95	18.99843	370750.87	3809608.95	19.25633
370771.28	3809608.95	19.95393	370791.69	3809608.95	20.99151
370812.10	3809608.95	22.36159	370832.51	3809608.95	24.15067
370852.92	3809608.95	26.40307	370873.33	3809608.95	29.19915
370893.74	3809608.95	32.90849	370914.15	3809608.95	38.37294
370934.56	3809608.95	47.93103	370628.41	3809641.52	17.44061
370669.23	3809641.52	17.16365	370689.64	3809641.52	17.19636
370710.05	3809641.52	17.52306	370730.46	3809641.52	18.22704

370750.87 3809641.52 19.43077 370771.28
3809641.52 21.15436
370791.69 3809641.52 23.41103 370812.10
3809641.52 26.18617
370832.51 3809641.52 29.35061 370852.92
3809641.52 32.86132
370873.33 3809641.52 36.84133 370893.74
3809641.52 42.06036
370914.15 3809641.52 50.16849 370608.00
3809674.09 13.33375
370628.41 3809674.09 13.88995 370669.23
3809674.09 14.89793
370689.64 3809674.09 15.62565 370710.05
3809674.09 16.69303
370730.46 3809674.09 18.25577 370750.87
3809674.09 20.53831
370771.28 3809674.09 23.88779 370791.69
3809674.09 28.64373
370812.10 3809674.09 34.47887 370832.51
3809674.09 40.29441
370852.92 3809674.09 45.97392 370873.33
3809674.09 52.55968
370893.74 3809674.09 61.43841 370628.41
3809706.66 12.04492
370669.23 3809706.66 13.58195 370689.64
3809706.66 14.67516
370710.05 3809706.66 16.19150 370730.46
3809706.66 18.38054
370750.87 3809706.66 21.72038 370771.28
3809706.66 27.28626
370689.64 3809739.23 13.94950 370710.05
3809739.23 15.69907
370730.46 3809739.23 18.23947 370750.87
3809739.23 22.21683
370771.28 3809739.23 29.21582 370791.69
3809836.94 24.14398
370812.10 3809836.94 27.96527 370832.51
3809836.94 31.82979
370852.92 3809836.94 35.90596 370750.87
3809869.51 15.48068
370771.28 3809869.51 17.69190 370791.69
3809869.51 19.47892
370812.10 3809869.51 22.03486 370832.51
3809869.51 24.16346
370852.92 3809869.51 26.61820 370873.33
3809869.51 29.14728
370893.74 3809869.51 31.72496 370914.15
3809869.51 34.42382
370934.56 3809869.51 37.57597 370954.97
3809869.51 42.24137

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2 ***
INCLUDING SOURCE(S): L0000815 , L0000816
, L0000817 , L0000818 , L0000819 ,
L0000820 , L0000821 , L0000822 , L0000823 , L0000824
, L0000825 , L0000826 , L0000827 ,
L0000828 , L0000829 , L0000830 , L0000831 , L0000832
, L0000833 , L0000834 , L0000835 ,
L0000836 , L0000837 , L0000838 , L0000839 , L0000840
, L0000841 , L0000842 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370934.56	3809902.08	35.87330	370726.13	3809883.01	13.33920
370742.25	3809839.40	16.28778	370781.12	3809850.77	20.43030
370794.40	3809809.06	30.30501	370958.42	3809867.84	43.33070
370949.89	3809895.34	39.27350	370944.20	3809910.51	39.00977
370906.28	3809897.23	30.32757	370891.11	3809934.21	24.25572
370849.39	3809909.56	20.07528	370794.40	3809896.29	17.03215
370726.13	3809883.01	13.33920	370742.25	3809839.40	16.28778
370781.12	3809850.77	20.43030	370794.40	3809809.06	30.30501
370958.42	3809867.84	43.33070	370949.89		

3809895.34   39.27350
         370944.20   3809910.51   39.00977   370906.28
3809897.23   30.32757
         370891.11   3809934.21   24.25572   370849.39
3809909.56   20.07528
         370794.40   3809896.29   17.03215   370941.99
3809335.68   13.18326
         370943.10   3809305.56   9.46610   370799.20
3809304.44   10.68832
         370762.39   3809318.94   13.02658   370764.62
3809370.26   23.25990
         370809.24   3809439.42   20.35752   370738.97
3809492.96   32.92788
         370682.08   3809529.77   40.52826   370658.65
3809573.28   35.45445
         370680.96   3809583.31   24.93161   370680.96
3809601.16   21.72914
         370670.92   3809604.51   22.25322   370656.42
3809606.74   23.72464
         370647.50   3809729.44   11.91468   370782.47
3809775.18   32.87368
         370783.59   3809697.09   30.94090   370812.59
3809694.86   43.26325
         370865.02   3809691.52   64.58387   370895.14
3809677.02   65.40497
         370921.91   3809654.71   63.46570   370940.87
3809612.32   54.85642
         370944.22   3809601.16   50.81886   370974.34
3809601.16   69.52652
         370975.45   3809351.29   19.65782   370846.06
3809349.06   11.80584
         370833.78   3809352.41   12.39461   370817.05
3809364.68   14.17206
         370805.90   3809365.79   15.21758   370796.97
3809357.99   15.25568
         370795.86   3809349.06   14.32660   370798.09
3809341.25   13.35356
         370805.90   3809336.79   12.52881   370602.88
3809704.90   11.33247
         370608.46   3809636.86   17.95384   370639.69
3809643.55   17.11326
         370634.11   3809708.25   12.16211

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3 ***

INCLUDING SOURCE(S): L0001602 , L0001603 , L0001604 , L0001605 , L0001606 , L0001607 , L0001608 , L0001609 , L0001610 , L0001611 , L0001612 , L0001613 , L0001614 , L0001615 , L0001616 , L0001617 , L0001618 , L0001619 , L0001620 , L0001621 , L0001622 , L0001623 , L0001624 , L0001625 , L0001626 , L0001627 , L0001628 , L0001629 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370771.28	3809315.82	6.05991	370791.69	3809315.82	6.06031
370812.10	3809315.82	6.01806	370832.51	3809315.82	6.08633
370852.92	3809315.82	6.24960	370873.33	3809315.82	6.49051
370893.74	3809315.82	6.89564	370914.15	3809315.82	7.29546
370934.56	3809315.82	7.82546	370771.28	3809348.39	6.54877
370791.69	3809348.39	6.51492	370791.69	3809380.96	7.16250
370812.10	3809380.96	7.21724	370832.51	3809380.96	7.35435
370852.92	3809380.96	7.60731	370873.33	3809380.96	8.05019
370893.74	3809380.96	8.67783	370914.15	3809380.96	9.63612
370934.56	3809380.96	10.97237	370954.97	3809380.96	12.82196
370812.10	3809413.53	7.83423	370832.51	3809413.53	8.00679
370852.92	3809413.53	8.33173	370873.33	3809413.53	8.81768
370893.74	3809413.53	9.58292	370914.15	3809413.53	10.68487
370934.56	3809413.53	12.24671	370954.97	3809413.53	14.55212

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         370812.10    3809446.10        8.45611                    370832.51
3809446.10        8.64976
         370852.92    3809446.10        9.05715                    370873.33
3809446.10        9.57190
         370893.74    3809446.10       10.48566                    370914.15
3809446.10       11.72135
         370934.56    3809446.10       13.55028                    370954.97
3809446.10       16.31581
         370771.28    3809478.67        9.34189                    370791.69
3809478.67        9.17798
         370812.10    3809478.67        9.15327                    370832.51
3809478.67        9.33969
         370852.92    3809478.67        9.75373                    370873.33
3809478.67       10.35981
         370893.74    3809478.67       11.29773                    370914.15
3809478.67       12.65606
         370934.56    3809478.67       14.64490                    370954.97
3809478.67       17.56744
         370730.46    3809511.24       11.02835                    370750.87
3809511.24       10.46439
         370771.28    3809511.24       10.05765                    370791.69
3809511.24        9.84780
         370812.10    3809511.24        9.83999                    370832.51
3809511.24       10.01338
         370852.92    3809511.24       10.38649                    370873.33
3809511.24       11.07308
         370893.74    3809511.24       12.04863                    370914.15
3809511.24       13.42309
         370934.56    3809511.24       15.46464                    370954.97
3809511.24       18.46629
         370689.64    3809543.81       14.22702                    370710.05
3809543.81       12.90879
         370730.46    3809543.81       11.95052                    370750.87
3809543.81       11.26546
         370771.28    3809543.81       10.80416                    370791.69
3809543.81       10.56080
         370812.10    3809543.81       10.51978                    370832.51
3809543.81       10.66379
         370852.92    3809543.81       11.01413                    370873.33
3809543.81       11.63694
         370893.74    3809543.81       12.55585                    370914.15
3809543.81       13.98800
         370934.56    3809543.81       16.05295                    370954.97
3809543.81       18.99368
         370669.23    3809576.38       17.71442                    370689.64
3809576.38       15.46275
         370710.05    3809576.38       13.92431                    370730.46
3809576.38       12.81699
         370750.87    3809576.38       12.01208                    370771.28
3809576.38       11.52457
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3 ***
INCLUDING SOURCE(S): L0001602 , L0001603 , L0001604 , L0001605 , L0001606 ,
L0001607 , L0001608 , L0001609 , L0001610 , L0001611 , L0001612 , L0001613 , L0001614 ,
L0001615 , L0001616 , L0001617 , L0001618 , L0001619 , L0001620 , L0001621 , L0001622 ,
L0001623 , L0001624 , L0001625 , L0001626 , L0001627 , L0001628 , L0001629 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370832.51	3809576.38	11.17777	370852.92	3809576.38	11.51644
370873.33	3809576.38	12.09704	370893.74	3809576.38	13.01383
370914.15	3809576.38	14.33948	370934.56	3809576.38	16.31218
370954.97	3809576.38	19.27906	370669.23	3809608.95	19.42365
370689.64	3809608.95	16.78985	370710.05	3809608.95	15.04018
370730.46	3809608.95	13.79497	370750.87	3809608.95	12.89384
370771.28	3809608.95	12.29410	370791.69	3809608.95	11.86669
370812.10	3809608.95	11.65274	370832.51	3809608.95	11.66377
370852.92	3809608.95	11.92423	370873.33	3809608.95	12.45220
370893.74	3809608.95	13.32549	370914.15		

3809608.95 14.61329
370934.56 3809608.95 16.48772 370628.41
3809641.52 31.22763
370669.23 3809641.52 20.45246 370689.64
3809641.52 17.95531
370710.05 3809641.52 16.14950 370730.46
3809641.52 14.76175
370750.87 3809641.52 13.76750 370771.28
3809641.52 13.01603
370791.69 3809641.52 12.51674 370812.10
3809641.52 12.29766
370832.51 3809641.52 12.25362 370852.92
3809641.52 12.40990
370873.33 3809641.52 12.81262 370893.74
3809641.52 13.54688
370914.15 3809641.52 14.70042 370608.00
3809674.09 35.39393
370628.41 3809674.09 28.56221 370669.23
3809674.09 21.59910
370689.64 3809674.09 19.44449 370710.05
3809674.09 17.72458
370730.46 3809674.09 16.31197 370750.87
3809674.09 15.16351
370771.28 3809674.09 14.23914 370791.69
3809674.09 13.52083
370812.10 3809674.09 13.01284 370832.51
3809674.09 12.72938
370852.92 3809674.09 12.69848 370873.33
3809674.09 12.99054
370893.74 3809674.09 13.61814 370628.41
3809706.66 30.60166
370669.23 3809706.66 24.52031 370689.64
3809706.66 22.27306
370710.05 3809706.66 20.30943 370730.46
3809706.66 18.57805
370750.87 3809706.66 17.06637 370771.28
3809706.66 15.75523
370689.64 3809739.23 28.52456 370710.05
3809739.23 25.63733
370730.46 3809739.23 23.02568 370750.87
3809739.23 20.58722
370771.28 3809739.23 18.32929 370791.69
3809836.94 21.36260
370812.10 3809836.94 16.31019 370832.51
3809836.94 13.77893
370852.92 3809836.94 12.45660 370750.87
3809869.51 23.24007
370771.28 3809869.51 18.16218 370791.69
3809869.51 16.09292
370812.10 3809869.51 14.10446 370832.51

3809869.51   12.37634
         370852.92   3809869.51   11.37364   370873.33
3809869.51   10.76513
         370893.74   3809869.51   10.42987   370914.15
3809869.51   10.28515
         370934.56   3809869.51   10.23512   370954.97
3809869.51   10.16220
         370832.51   3809902.08   10.84015   370852.92
3809902.08   10.13907
         370873.33   3809902.08   9.63303   370893.74
3809902.08   9.27689

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3   ***
                                  INCLUDING SOURCE(S):   L0001602   , L0001603
, L0001604   , L0001605   , L0001606   ,
                  L0001607   , L0001608   , L0001609   , L0001610   , L0001611
, L0001612   , L0001613   , L0001614   ,
                  L0001615   , L0001616   , L0001617   , L0001618   , L0001619
, L0001620   , L0001621   , L0001622   ,
                  L0001623   , L0001624   , L0001625   , L0001626   , L0001627
, L0001628   , L0001629   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370934.56   3809902.08   8.79891   370726.13
3809883.01   25.91933
         370742.25   3809839.40   44.98695   370781.12
3809850.77   21.77448
         370794.40   3809809.06   22.25163   370958.42
3809867.84   10.24267
         370949.89   3809895.34   8.91372   370944.20
3809910.51   8.37483
         370906.28   3809897.23   9.28077   370891.11
3809934.21   8.26621

370849.39 3809909.56 9.95627 370794.40
3809896.29 13.48250
370726.13 3809883.01 25.91933 370742.25
3809839.40 44.98695
370781.12 3809850.77 21.77448 370794.40
3809809.06 22.25163
370958.42 3809867.84 10.24267 370949.89
3809895.34 8.91372
370944.20 3809910.51 8.37483 370906.28
3809897.23 9.28077
370891.11 3809934.21 8.26621 370849.39
3809909.56 9.95627
370794.40 3809896.29 13.48250 370941.99
3809335.68 9.57497
370943.10 3809305.56 7.34111 370799.20
3809304.44 5.96805
370762.39 3809318.94 6.09749 370764.62
3809370.26 7.00479
370809.24 3809439.42 8.32178 370738.97
3809492.96 10.27121
370682.08 3809529.77 14.24136 370658.65
3809573.28 19.11944
370680.96 3809583.31 16.61699 370680.96
3809601.16 17.43550
370670.92 3809604.51 18.96131 370656.42
3809606.74 21.89443
370647.50 3809729.44 32.35847 370782.47
3809775.18 21.64806
370783.59 3809697.09 14.63673 370812.59
3809694.86 13.48688
370865.02 3809691.52 12.94640 370895.14
3809677.02 13.67849
370921.91 3809654.71 15.25403 370940.87
3809612.32 17.20916
370944.22 3809601.16 17.66219 370974.34
3809601.16 23.21862
370975.45 3809351.29 12.98163 370846.06
3809349.06 6.83377
370833.78 3809352.41 6.79898 370817.05
3809364.68 6.93548
370805.90 3809365.79 6.90271 370796.97
3809357.99 6.72215
370795.86 3809349.06 6.52808 370798.09
3809341.25 6.36926
370805.90 3809336.79 6.31850 370602.88
3809704.90 36.61802
370608.46 3809636.86 43.40941 370639.69
3809643.55 26.77713
370634.11 3809708.25 29.80418

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000815 , L0000816 , L0000817 , L0000818 , L0000819 ,
L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,
L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,
L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370771.28	3809315.82	18.45618	370791.69	3809315.82	17.70003
370812.10	3809315.82	16.88175	370832.51	3809315.82	16.35610
370852.92	3809315.82	16.18288	370873.33	3809315.82	16.30468
370893.74	3809315.82	16.94635	370914.15	3809315.82	17.59030
370934.56	3809315.82	18.55484	370771.28	3809348.39	23.16624
370791.69	3809348.39	21.11766	370791.69	3809380.96	26.27589
370812.10	3809380.96	23.22329	370832.51	3809380.96	21.61534
370852.92	3809380.96	21.02483	370873.33	3809380.96	21.34325
370893.74	3809380.96	22.44174	370914.15	3809380.96	24.66022
370934.56	3809380.96	28.38449	370954.97	3809380.96	35.01394
370812.10	3809413.53	26.55790	370832.51		

3809413.53 24.19798
370852.92 3809413.53 23.48811 370873.33
3809413.53 23.83595
370893.74 3809413.53 25.33835 370914.15
3809413.53 28.18934
370934.56 3809413.53 33.13192 370954.97
3809413.53 42.46351
370812.10 3809446.10 28.25438 370832.51
3809446.10 26.05869
370852.92 3809446.10 25.64442 370873.33
3809446.10 26.18365
370893.74 3809446.10 28.20373 370914.15
3809446.10 31.60533
370934.56 3809446.10 37.52110 370954.97
3809446.10 48.24574
370771.28 3809478.67 36.01891 370791.69
3809478.67 31.20467
370812.10 3809478.67 28.45516 370832.51
3809478.67 27.31900
370852.92 3809478.67 27.44683 370873.33
3809478.67 28.52499
370893.74 3809478.67 30.85202 370914.15
3809478.67 34.74929
370934.56 3809478.67 41.15141 370954.97
3809478.67 52.30505
370730.46 3809511.24 40.68404 370750.87
3809511.24 35.67145
370771.28 3809511.24 32.15109 370791.69
3809511.24 29.90429
370812.10 3809511.24 28.75469 370832.51
3809511.24 28.53094
370852.92 3809511.24 29.16095 370873.33
3809511.24 30.86506
370893.74 3809511.24 33.60237 370914.15
3809511.24 37.76806
370934.56 3809511.24 44.48058 370954.97
3809511.24 56.01601
370689.64 3809543.81 46.29375 370710.05
3809543.81 39.79040
370730.46 3809543.81 35.62606 370750.87
3809543.81 32.81332
370771.28 3809543.81 30.91604 370791.69
3809543.81 29.94371
370812.10 3809543.81 29.73085 370832.51
3809543.81 30.20339
370852.92 3809543.81 31.38260 370873.33
3809543.81 33.50623
370893.74 3809543.81 36.54995 370914.15
3809543.81 41.29045
370934.56 3809543.81 48.33999 370954.97

3809543.81   59.89607
         370669.23   3809576.38   47.31239   370689.64
3809576.38   40.18000
         370710.05   3809576.38   36.03665   370730.46
3809576.38   33.43444
         370750.87   3809576.38   31.78760   370771.28
3809576.38   31.09147
         370791.69   3809576.38   30.99783   370812.10
3809576.38   31.41728

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000815   , L0000816
, L0000817   , L0000818   , L0000819   ,
                  L0000820   , L0000821   , L0000822   , L0000823   , L0000824
, L0000825   , L0000826   , L0000827   ,
                  L0000828   , L0000829   , L0000830   , L0000831   , L0000832
, L0000833   , L0000834   , L0000835   ,
                  L0000836   , L0000837   , L0000838   , L0000839   , L0000840
, L0000841   , L0000842   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370832.51   3809576.38   32.47645   370852.92
3809576.38   34.33029
         370873.33   3809576.38   36.92809   370893.74
3809576.38   40.61099
         370914.15   3809576.38   45.81157   370934.56
3809576.38   53.64810
         370954.97   3809576.38   66.11354   370669.23
3809608.95   41.01675
         370689.64   3809608.95   36.80595   370710.05
3809608.95   34.26129
         370730.46   3809608.95   32.79340   370750.87
3809608.95   32.15017

370771.28 3809608.95 32.24802 370791.69
3809608.95 32.85821
370812.10 3809608.95 34.01433 370832.51
3809608.95 35.81444
370852.92 3809608.95 38.32730 370873.33
3809608.95 41.65136
370893.74 3809608.95 46.23398 370914.15
3809608.95 52.98623
370934.56 3809608.95 64.41875 370628.41
3809641.52 48.66824
370669.23 3809641.52 37.61611 370689.64
3809641.52 35.15166
370710.05 3809641.52 33.67256 370730.46
3809641.52 32.98879
370750.87 3809641.52 33.19827 370771.28
3809641.52 34.17039
370791.69 3809641.52 35.92777 370812.10
3809641.52 38.48383
370832.51 3809641.52 41.60424 370852.92
3809641.52 45.27122
370873.33 3809641.52 49.65396 370893.74
3809641.52 55.60724
370914.15 3809641.52 64.86891 370608.00
3809674.09 48.72769
370628.41 3809674.09 42.45216 370669.23
3809674.09 36.49703
370689.64 3809674.09 35.07014 370710.05
3809674.09 34.41761
370730.46 3809674.09 34.56774 370750.87
3809674.09 35.70182
370771.28 3809674.09 38.12693 370791.69
3809674.09 42.16456
370812.10 3809674.09 47.49172 370832.51
3809674.09 53.02379
370852.92 3809674.09 58.67240 370873.33
3809674.09 65.55022
370893.74 3809674.09 75.05655 370628.41
3809706.66 42.64658
370669.23 3809706.66 38.10226 370689.64
3809706.66 36.94822
370710.05 3809706.66 36.50093 370730.46
3809706.66 36.95859
370750.87 3809706.66 38.78676 370771.28
3809706.66 43.04149
370689.64 3809739.23 42.47406 370710.05
3809739.23 41.33640
370730.46 3809739.23 41.26515 370750.87
3809739.23 42.80405
370771.28 3809739.23 47.54511 370791.69
3809836.94 45.50658

```
         370812.10    3809836.94       44.27546                       370832.51
3809836.94       45.60873
         370852.92    3809836.94       48.36256                       370750.87
3809869.51       38.72075
         370771.28    3809869.51       35.85407                       370791.69
3809869.51       35.57184
         370812.10    3809869.51       36.13932                       370832.51
3809869.51       36.53980
         370852.92    3809869.51       37.99183                       370873.33
3809869.51       39.91241
         370893.74    3809869.51       42.15484                       370914.15
3809869.51       44.70897
         370934.56    3809869.51       47.81108                       370954.97
3809869.51       52.40358
         370832.51    3809902.08       30.27842                       370852.92
3809902.08       31.47621
         370873.33    3809902.08       33.35559                       370893.74
3809902.08       36.69481
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000815    , L0000816
, L0000817    , L0000818    , L0000819    ,
                  L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
                  L0000828    , L0000829    , L0000830    , L0000831    , L0000832
, L0000833    , L0000834    , L0000835    ,
                  L0000836    , L0000837    , L0000838    , L0000839    , L0000840
, L0000841    , L0000842    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         370934.56    3809902.08       44.67221                       370726.13
3809883.01       39.25854
         370742.25    3809839.40       61.27473                       370781.12
```

3809850.77 42.20479
370794.40 3809809.06 52.55664 370958.42
3809867.84 53.57338
370949.89 3809895.34 48.18722 370944.20
3809910.51 47.38460
370906.28 3809897.23 39.60834 370891.11
3809934.21 32.52194
370849.39 3809909.56 30.03155 370794.40
3809896.29 30.51466
370726.13 3809883.01 39.25854 370742.25
3809839.40 61.27473
370781.12 3809850.77 42.20479 370794.40
3809809.06 52.55664
370958.42 3809867.84 53.57338 370949.89
3809895.34 48.18722
370944.20 3809910.51 47.38460 370906.28
3809897.23 39.60834
370891.11 3809934.21 32.52194 370849.39
3809909.56 30.03155
370794.40 3809896.29 30.51466 370941.99
3809335.68 22.75824
370943.10 3809305.56 16.80721 370799.20
3809304.44 16.65637
370762.39 3809318.94 19.12407 370764.62
3809370.26 30.26470
370809.24 3809439.42 28.67930 370738.97
3809492.96 43.19909
370682.08 3809529.77 54.76962 370658.65
3809573.28 54.57388
370680.96 3809583.31 41.54860 370680.96
3809601.16 39.16464
370670.92 3809604.51 41.21453 370656.42
3809606.74 45.61906
370647.50 3809729.44 44.27315 370782.47
3809775.18 54.52174
370783.59 3809697.09 45.57763 370812.59
3809694.86 56.75013
370865.02 3809691.52 77.53027 370895.14
3809677.02 79.08345
370921.91 3809654.71 78.71973 370940.87
3809612.32 72.06558
370944.22 3809601.16 68.48105 370974.34
3809601.16 92.74513
370975.45 3809351.29 32.63945 370846.06
3809349.06 18.63960
370833.78 3809352.41 19.19359 370817.05
3809364.68 21.10754
370805.90 3809365.79 22.12028 370796.97
3809357.99 21.97783
370795.86 3809349.06 20.85468 370798.09

3809341.25   19.72282
         370805.90   3809336.79   18.84731   370602.88
3809704.90   47.95050
         370608.46   3809636.86   61.36326   370639.69
3809643.55   43.89039
         370634.11   3809708.25   41.96629

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2   ***
                                  INCLUDING SOURCE(S):   L0000815   , L0000816
, L0000817   , L0000818   , L0000819   ,
                  L0000820   , L0000821   , L0000822   , L0000823   , L0000824
, L0000825   , L0000826   , L0000827   ,
                  L0000828   , L0000829   , L0000830   , L0000831   , L0000832
, L0000833   , L0000834   , L0000835   ,
                  L0000836   , L0000837   , L0000838   , L0000839   , L0000840
, L0000841   , L0000842   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

370852.92 3809380.96 59.95294 (23060306) 370873.33
3809380.96 59.88894 (23112403)
370893.74 3809380.96 63.75885 (23112403) 370914.15
3809380.96 68.02590 (18033101)
370934.56 3809380.96 73.12174 (18033101) 370954.97
3809380.96 84.56558 (21020617)
370812.10 3809413.53 68.23002 (23060306) 370832.51
3809413.53 65.19714 (23060306)
370852.92 3809413.53 63.87122 (23060306) 370873.33
3809413.53 63.52965 (23060306)
370893.74 3809413.53 67.28495 (23112403) 370914.15
3809413.53 72.64604 (18033101)
370934.56 3809413.53 79.46040 (18033101) 370954.97
3809413.53 88.20270 (21020617)
370812.10 3809446.10 70.58454 (23060306) 370832.51
3809446.10 67.74565 (23060306)
370852.92 3809446.10 66.33461 (23060306) 370873.33
3809446.10 66.80075 (23060306)
370893.74 3809446.10 70.59355 (23112403) 370914.15
3809446.10 76.46951 (18033101)
370934.56 3809446.10 83.37053 (18033101) 370954.97
3809446.10 92.36858 (21020617)
370771.28 3809478.67 78.54605 (21040403) 370791.69
3809478.67 73.24051 (21040403)
370812.10 3809478.67 69.68508 (21040403) 370832.51
3809478.67 68.04160 (23060306)
370852.92 3809478.67 67.58399 (23060306) 370873.33
3809478.67 69.06473 (23112403)
370893.74 3809478.67 73.39749 (23112403) 370914.15
3809478.67 78.52682 (18033101)
370934.56 3809478.67 83.58022 (18033101) 370954.97
3809478.67 94.88784 (21020617)
370730.46 3809511.24 78.49642 (22022008) 370750.87
3809511.24 72.82690 (20041006)
370771.28 3809511.24 71.46838 (23020419) 370791.69
3809511.24 68.90593 (23020419)
370812.10 3809511.24 67.54945 (21022423) 370832.51
3809511.24 66.80957 (23060306)
370852.92 3809511.24 67.73615 (23060306) 370873.33
3809511.24 70.37403 (23112403)
370893.74 3809511.24 73.55644 (23112403) 370914.15
3809511.24 77.55704 (23112403)
370934.56 3809511.24 81.22375 (20040624) 370954.97
3809511.24 99.09623 (21020617)
370689.64 3809543.81 85.56620 (21122216) 370710.05
3809543.81 70.50872 (22022008)
370730.46 3809543.81 63.60490 (20041006) 370750.87
3809543.81 64.65583 (21102924)
370771.28 3809543.81 67.32564 (21102924) 370791.69
3809543.81 66.38257 (21102924)

```
        370812.10   3809543.81       65.77460  (21022423)                370832.51
3809543.81       65.32765  (21022423)
        370852.92   3809543.81       67.02144  (20041005)                370873.33
3809543.81       69.90050  (20041005)
        370893.74   3809543.81       73.68398  (20040923)                370914.15
3809543.81       79.15005  (21020617)
        370934.56   3809543.81       89.54683  (21020617)                370954.97
3809543.81      105.70269  (21020617)
        370669.23   3809576.38       81.32490  (21122216)                370689.64
3809576.38       64.69931  (22022008)
        370710.05   3809576.38       58.50209  (22022008)                370730.46
3809576.38       58.09112  (20040404)
        370750.87   3809576.38       62.09924  (21102924)                370771.28
3809576.38       62.58080  (21102924)
        370791.69   3809576.38       63.42311  (21020617)                370812.10
3809576.38       66.33552  (21020617)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2   ***
                                   INCLUDING SOURCE(S):     L0000815    , L0000816
, L0000817    , L0000818    , L0000819    ,
                  L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
                  L0000828    , L0000829    , L0000830    , L0000831    , L0000832
, L0000833    , L0000834    , L0000835    ,
                  L0000836    , L0000837    , L0000838    , L0000839    , L0000840
, L0000841    , L0000842    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370832.51   3809576.38       68.94015  (21020617)                370852.92
3809576.38       72.53789  (21020617)
        370873.33   3809576.38       78.02612  (21020617)                370893.74
3809576.38       86.85035  (21020617)
        370914.15   3809576.38       99.65792  (21020617)                370934.56
```

3809576.38 114.60277 (21020617)
370954.97 3809576.38 123.89008 (21020617) 370669.23
3809608.95 59.37880 (21122216)
370689.64 3809608.95 52.67305 (22022008) 370710.05
3809608.95 51.09360 (22022008)
370730.46 3809608.95 52.97120 (18021618) 370750.87
3809608.95 59.80667 (21020617)
370771.28 3809608.95 70.29964 (21020617) 370791.69
3809608.95 78.17672 (21020617)
370812.10 3809608.95 83.06937 (21020617) 370832.51
3809608.95 86.49612 (21020617)
370852.92 3809608.95 90.34009 (21020617) 370873.33
3809608.95 95.94521 (21020617)
370893.74 3809608.95 105.15367 (21020617) 370914.15
3809608.95 120.59015 (21020617)
370934.56 3809608.95 144.99428 (21020617) 370628.41
3809641.52 95.22363 (21122216)
370669.23 3809641.52 44.72060 (22022008) 370689.64
3809641.52 47.77286 (21123018)
370710.05 3809641.52 53.44333 (21123018) 370730.46
3809641.52 57.76894 (21123018)
370750.87 3809641.52 63.65822 (21020617) 370771.28
3809641.52 83.05933 (21020617)
370791.69 3809641.52 99.72732 (21020617) 370812.10
3809641.52 110.05871 (21020617)
370832.51 3809641.52 116.47657 (21020617) 370852.92
3809641.52 121.57716 (21020617)
370873.33 3809641.52 126.71697 (21020617) 370893.74
3809641.52 134.81655 (21020617)
370914.15 3809641.52 147.30502 (21020617) 370608.00
3809674.09 79.73896 (21122216)
370628.41 3809674.09 66.99004 (21122216) 370669.23
3809674.09 49.16134 (23123116)
370689.64 3809674.09 53.41492 (23123116) 370710.05
3809674.09 57.87194 (23123116)
370730.46 3809674.09 62.41102 (23123116) 370750.87
3809674.09 69.58297 (18101717)
370771.28 3809674.09 92.48021 (21020617) 370791.69
3809674.09 131.06968 (21020617)
370812.10 3809674.09 153.31127 (21020617) 370832.51
3809674.09 163.58331 (21020617)
370852.92 3809674.09 168.15233 (21020617) 370873.33
3809674.09 172.49843 (21020617)
370893.74 3809674.09 179.22155 (21020617) 370628.41
3809706.66 52.70584 (23123116)
370669.23 3809706.66 66.78219 (23123116) 370689.64
3809706.66 76.22700 (23123116)
370710.05 3809706.66 87.77702 (23123116) 370730.46
3809706.66 102.08896 (23123116)
370750.87 3809706.66 120.28874 (23123116) 370771.28

3809706.66   143.52601 (23123116)
        370689.64   3809739.23   89.76481 (23123116)   370710.05
3809739.23   106.68289 (23123116)
        370730.46   3809739.23   128.94971 (23123116)   370750.87
3809739.23   158.19982 (23123116)
        370771.28   3809739.23   195.19954 (23123116)   370791.69
3809836.94   75.51857 (21122216)
        370812.10   3809836.94   110.12591 (21122216)   370832.51
3809836.94   135.89781 (21122216)
        370852.92   3809836.94   159.35234 (21122216)   370750.87
3809869.51   54.24562 (22051802)
        370771.28   3809869.51   61.14367 (22051705)   370791.69
3809869.51   69.45120 (21020823)
        370812.10   3809869.51   97.92390 (21122216)   370832.51
3809869.51   116.78900 (21122216)
        370852.92   3809869.51   134.65489 (21122216)   370873.33
3809869.51   147.97357 (21122216)
        370893.74   3809869.51   152.66153 (21122216)   370914.15
3809869.51   144.92294 (21122216)
        370934.56   3809869.51   129.36482 (21122216)   370954.97
3809869.51   116.15694 (21122216)
        370832.51   3809902.08   99.08740 (21122216)   370852.92
3809902.08   111.67136 (21122216)
        370873.33   3809902.08   118.85728 (21122216)   370893.74
3809902.08   119.31295 (21122216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2   ***
                                   INCLUDING SOURCE(S):   L0000815   , L0000816
, L0000817   , L0000818   , L0000819   ,
                  L0000820   , L0000821   , L0000822   , L0000823   , L0000824
, L0000825   , L0000826   , L0000827   ,
                  L0000828   , L0000829   , L0000830   , L0000831   , L0000832
, L0000833   , L0000834   , L0000835   ,
                  L0000836   , L0000837   , L0000838   , L0000839   , L0000840
, L0000841   , L0000842   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370934.56	3809902.08	103.79141	(21122216)	370726.13	3809883.01	58.11166	(23042902)
370742.25	3809839.40	56.34843	(22051902)	370781.12	3809850.77	66.77909	(21020823)
370794.40	3809809.06	87.65665	(23123116)	370958.42	3809867.84	115.50257	(21122216)
370949.89	3809895.34	103.40854	(21122216)	370944.20	3809910.51	98.68538	(22022008)
370906.28	3809897.23	120.30922	(21122216)	370891.11	3809934.21	97.06633	(21122216)
370849.39	3809909.56	105.25154	(21122216)	370794.40	3809896.29	68.23404	(21122216)
370726.13	3809883.01	58.11166	(23042902)	370742.25	3809839.40	56.34843	(22051902)
370781.12	3809850.77	66.77909	(21020823)	370794.40	3809809.06	87.65665	(23123116)
370958.42	3809867.84	115.50257	(21122216)	370949.89	3809895.34	103.40854	(21122216)
370944.20	3809910.51	98.68538	(22022008)	370906.28	3809897.23	120.30922	(21122216)
370891.11	3809934.21	97.06633	(21122216)	370849.39	3809909.56	105.25154	(21122216)
370794.40	3809896.29	68.23404	(21122216)	370941.99	3809335.68	65.36655	(20041004)
370943.10	3809305.56	67.07797	(18033101)	370799.20	3809304.44	52.35884	(20121716)
370762.39	3809318.94	75.69879	(20121716)	370764.62	3809370.26	82.40831	(20121716)
370809.24	3809439.42	71.12529	(23060306)	370738.97	3809492.96	87.59205	(22022008)
370682.08	3809529.77	109.37051	(21122216)	370658.65	3809573.28	100.45634	(21122216)
370680.96	3809583.31	65.07290	(22022008)	370680.96	3809601.16	56.82778	(22022008)
370670.92	3809604.51	60.29752	(21122216)	370656.42	3809606.74	75.71075	(21122216)
370647.50	3809729.44	64.85645	(23123116)	370782.47	3809775.18	174.70447	(23123116)
370783.59	3809697.09	130.03498	(23123116)	370812.59	3809694.86	174.47591	(21020617)
370865.02	3809691.52	195.65340	(21020617)	370895.14	3809677.02	184.92870	(21020617)
370921.91	3809654.71	166.77434	(21020617)	370940.87	3809612.32	157.20803	(21020617)
370944.22	3809601.16	151.65784	(21020617)	370974.34	3809601.16	176.41396	(22022008)

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        370975.45   3809351.29       87.82001  (21020617)                370846.06
3809349.06       55.59417  (23060306)
        370833.78   3809352.41       56.41456  (23060306)                370817.05
3809364.68       59.16164  (23060306)
        370805.90   3809365.79       60.23479  (23060306)                370796.97
3809357.99       59.37892  (23060306)
        370795.86   3809349.06       57.57226  (23060306)                370798.09
3809341.25       55.95583  (23060306)
        370805.90   3809336.79       54.86848  (23060306)                370602.88
3809704.90       60.03467  (21122216)
        370608.46   3809636.86      118.56148  (21122216)                370639.69
3809643.55       75.37589  (21122216)
        370634.11   3809708.25       54.85908  (23123116)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                   PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3   ***
                                   INCLUDING SOURCE(S):     L0001602    , L0001603
, L0001604    , L0001605    , L0001606    ,
                  L0001607    , L0001608    , L0001609    , L0001610    , L0001611
, L0001612    , L0001613    , L0001614    ,
                  L0001615    , L0001616    , L0001617    , L0001618    , L0001619
, L0001620    , L0001621    , L0001622    ,
                  L0001623    , L0001624    , L0001625    , L0001626    , L0001627
, L0001628    , L0001629    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370771.28   3809315.82       31.00423  (21011404)                370791.69
3809315.82       29.06721  (18120402)
        370812.10   3809315.82       27.42177  (18012621)                370832.51
3809315.82       28.25468  (20040404)
        370852.92   3809315.82       29.87601  (20041006)                370873.33
3809315.82       31.66359  (20041006)
        370893.74   3809315.82       34.07461  (21102924)                370914.15
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3809315.82       36.78757  (21102924)
        370934.56   3809315.82       39.27011  (21102924)                370771.28
3809348.39       30.76284  (18120402)
        370791.69   3809348.39       28.97298  (18012621)                370791.69
3809380.96       29.38660  (18012621)
        370812.10   3809380.96       28.26323  (18012621)                370832.51
3809380.96       27.75818  (21110705)
        370852.92   3809380.96       29.89509  (20040404)                370873.33
3809380.96       32.33217  (20040404)
        370893.74   3809380.96       34.32440  (20040404)                370914.15
3809380.96       37.22109  (21102924)
        370934.56   3809380.96       41.46812  (23123116)                370954.97
3809380.96       50.83711  (23123116)
        370812.10   3809413.53       28.94358  (18012621)                370832.51
3809413.53       28.09529  (18012621)
        370852.92   3809413.53       29.75073  (21110705)                370873.33
3809413.53       32.26848  (20040404)
        370893.74   3809413.53       36.91650  (23123116)                370914.15
3809413.53       43.41804  (23123116)
        370934.56   3809413.53       51.81754  (23123116)                370954.97
3809413.53       62.74661  (23123116)
        370812.10   3809446.10       29.57186  (18012621)                370832.51
3809446.10       28.86658  (18012621)
        370852.92   3809446.10       31.02013  (23123116)                370873.33
3809446.10       34.95416  (23123116)
        370893.74   3809446.10       40.00983  (23123116)                370914.15
3809446.10       46.19267  (23123116)
        370934.56   3809446.10       54.08227  (23123116)                370954.97
3809446.10       64.23200  (23123116)
        370771.28   3809478.67       33.21290  (18120402)                370791.69
3809478.67       31.58851  (18120402)
        370812.10   3809478.67       30.50527  (18012621)                370832.51
3809478.67       29.75129  (18012621)
        370852.92   3809478.67       32.54970  (23123116)                370873.33
3809478.67       36.43656  (23123116)
        370893.74   3809478.67       41.27694  (23123116)                370914.15
3809478.67       47.32070  (23123116)
        370934.56   3809478.67       55.01013  (23123116)                370954.97
3809478.67       64.91954  (23123116)
        370730.46   3809511.24       37.13718  (18120402)                370750.87
3809511.24       35.50718  (18120402)
        370771.28   3809511.24       33.84034  (18120402)                370791.69
3809511.24       32.25719  (18120402)
        370812.10   3809511.24       31.16165  (18012621)                370832.51
3809511.24       30.39328  (23123116)
        370852.92   3809511.24       33.65731  (23123116)                370873.33
3809511.24       37.72488  (23123116)
        370893.74   3809511.24       42.69917  (23123116)                370914.15
3809511.24       48.84443  (23123116)
        370934.56   3809511.24       56.76112  (23123116)                370954.97
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3809511.24   67.05933 (23123116)
        370689.64   3809543.81   43.38191 (18121719)   370710.05
3809543.81   40.60897 (18121719)
        370730.46   3809543.81   38.49719 (18120402)   370750.87
3809543.81   36.64909 (18120402)
        370771.28   3809543.81   35.13850 (18120402)   370791.69
3809543.81   33.41456 (18120402)
        370812.10   3809543.81   31.97754 (18120402)   370832.51
3809543.81   31.20450 (23123116)
        370852.92   3809543.81   34.59929 (23123116)   370873.33
3809543.81   38.80869 (23123116)
        370893.74   3809543.81   43.93416 (23123116)   370914.15
3809543.81   50.55187 (23123116)
        370934.56   3809543.81   58.99286 (23123116)   370954.97
3809543.81   69.77253 (23123116)
        370669.23   3809576.38   49.48549 (18121719)   370689.64
3809576.38   45.59343 (18121719)
        370710.05   3809576.38   42.36447 (18121719)   370730.46
3809576.38   39.93171 (18120402)
        370750.87   3809576.38   37.79876 (18120402)   370771.28
3809576.38   35.55268 (18120402)
        370791.69   3809576.38   33.52736 (18120402)   370812.10
3809576.38   31.78151 (18120402)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3   ***
                                 INCLUDING SOURCE(S):   L0001602   , L0001603
, L0001604   , L0001605   , L0001606   ,
                 L0001607   , L0001608   , L0001609   , L0001610   , L0001611
, L0001612   , L0001613   , L0001614   ,
                 L0001615   , L0001616   , L0001617   , L0001618   , L0001619
, L0001620   , L0001621   , L0001622   ,
                 L0001623   , L0001624   , L0001625   , L0001626   , L0001627
, L0001628   , L0001629   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

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        370893.74   3809674.09       35.16462  (22022008)                370628.41
3809706.66       79.87992  (22022008)
        370669.23   3809706.66       64.20702  (22022008)                370689.64
3809706.66       58.33546  (22022008)
        370710.05   3809706.66       53.26777  (22022008)                370730.46
3809706.66       48.81923  (22022008)
        370750.87   3809706.66       44.89481  (22022008)                370771.28
3809706.66       41.47804  (22022008)
        370689.64   3809739.23       74.66844  (22022008)                370710.05
3809739.23       67.01851  (22022008)
        370730.46   3809739.23       60.17564  (22022008)                370750.87
3809739.23       53.83634  (22022008)
        370771.28   3809739.23       50.79500  (20121716)                370791.69
3809836.94       86.83178  (20101717)
        370812.10   3809836.94       70.60036  (20101717)                370832.51
3809836.94       56.10592  (20101717)
        370852.92   3809836.94       45.77933  (20101717)                370750.87
3809869.51       83.71930  (23040918)
        370771.28   3809869.51       74.03208  (23040918)                370791.69
3809869.51       69.54395  (23040918)
        370812.10   3809869.51       55.10448  (23040918)                370832.51
3809869.51       46.68664  (20101717)
        370852.92   3809869.51       42.58937  (20101717)                370873.33
3809869.51       38.23164  (20101717)
        370893.74   3809869.51       34.12216  (20101717)                370914.15
3809869.51       35.68052  (21020823)
        370934.56   3809869.51       41.89735  (21122216)                370954.97
3809869.51       58.09216  (21122216)
        370832.51   3809902.08       42.07366  (23040918)                370852.92
3809902.08       35.00786  (23040918)
        370873.33   3809902.08       30.41182  (20101717)                370893.74
3809902.08       30.75035  (21020823)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3   ***
                                 INCLUDING SOURCE(S):     L0001602    , L0001603
, L0001604    , L0001605    , L0001606    ,
                 L0001607    , L0001608    , L0001609    , L0001610    , L0001611
, L0001612    , L0001613    , L0001614    ,
                 L0001615    , L0001616    , L0001617    , L0001618    , L0001619
, L0001620    , L0001621    , L0001622    ,
                 L0001623    , L0001624    , L0001625    , L0001626    , L0001627
, L0001628    , L0001629    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370934.56	3809902.08	39.57150	(21122216)	370726.13	3809883.01	98.29850	(23040918)
370742.25	3809839.40	119.58087	(22022008)	370781.12	3809850.77	88.39987	(23040918)
370794.40	3809809.06	77.81001	(21041018)	370958.42	3809867.84	60.82990	(21122216)
370949.89	3809895.34	48.19520	(21122216)	370944.20	3809910.51	42.59539	(21122216)
370906.28	3809897.23	31.98351	(21020823)	370891.11	3809934.21	27.60295	(21020823)
370849.39	3809909.56	36.25512	(23040918)	370794.40	3809896.29	58.54455	(23040918)
370726.13	3809883.01	98.29850	(23040918)	370742.25	3809839.40	119.58087	(22022008)
370781.12	3809850.77	88.39987	(23040918)	370794.40	3809809.06	77.81001	(21041018)
370958.42	3809867.84	60.82990	(21122216)	370949.89	3809895.34	48.19520	(21122216)
370944.20	3809910.51	42.59539	(21122216)	370906.28	3809897.23	31.98351	(21020823)
370891.11	3809934.21	27.60295	(21020823)	370849.39	3809909.56	36.25512	(23040918)
370794.40	3809896.29	58.54455	(23040918)	370941.99	3809335.68	41.16459	(21020617)
370943.10	3809305.56	40.26421	(21040403)	370799.20	3809304.44	28.57060	(20010704)
370762.39	3809318.94	31.89006	(21011404)	370764.62	3809370.26	31.65138	(18120402)
370809.24	3809439.42	29.57168	(18012621)	370738.97	3809492.96	35.65811	(18120402)
370682.08	3809529.77	44.10730	(18121719)	370658.65	3809573.28	51.60630	(18121719)
370680.96	3809583.31	47.77889	(18121719)	370680.96	3809601.16	46.92811	(22022008)
370670.92	3809604.51	50.95177	(22022008)	370656.42	3809606.74	58.87512	(22022008)
370647.50	3809729.44	84.69330	(22022008)	370782.47	3809775.18	57.20437	(22022008)
370783.59	3809697.09	38.61425	(22022008)	370812.59			

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3809694.86       35.59227  (22022008)
        370865.02   3809691.52       33.83571  (22022008)                370895.14
3809677.02       35.27735  (22022008)
        370921.91   3809654.71       45.52866  (23123116)                370940.87
3809612.32       61.19271  (23123116)
        370944.22   3809601.16       63.50589  (23123116)                370974.34
3809601.16       81.78202  (23123116)
        370975.45   3809351.29       62.92019  (21020617)                370846.06
3809349.06       29.46515  (20040404)
        370833.78   3809352.41       28.19299  (20040404)                370817.05
3809364.68       27.75377  (18012621)
        370805.90   3809365.79       28.35099  (18012621)                370796.97
3809357.99       28.76840  (18012621)
        370795.86   3809349.06       28.70489  (18012621)                370798.09
3809341.25       28.44943  (18012621)
        370805.90   3809336.79       27.93475  (18012621)                370602.88
3809704.90       95.50433  (22022008)
        370608.46   3809636.86      114.50271  (22022008)                370639.69
3809643.55       71.47106  (22022008)
        370634.11   3809708.25       77.81876  (22022008)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000815    , L0000816
, L0000817    , L0000818    , L0000819    ,
                  L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
                  L0000828    , L0000829    , L0000830    , L0000831    , L0000832
, L0000833    , L0000834    , L0000835    ,
                  L0000836    , L0000837    , L0000838    , L0000839    , L0000840
, L0000841    , L0000842    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        370771.28   3809315.82       90.44744  (20121716)                370791.69
3809315.82       74.12401  (20121716)
        370812.10   3809315.82       64.04356  (23060306)                370832.51
3809315.82       65.43451  (23060306)
        370852.92   3809315.82       67.26174  (23060306)                370873.33
3809315.82       69.54789  (23060306)
        370893.74   3809315.82       70.93867  (23060306)                370914.15
3809315.82       76.71510  (23112403)
        370934.56   3809315.82       84.78346  (23112403)                370771.28
3809348.39       94.92133  (20121716)
        370791.69   3809348.39       71.02703  (21040403)                370791.69
3809380.96       80.86459  (21040403)
        370812.10   3809380.96       76.80159  (21040403)                370832.51
3809380.96       75.78929  (23060306)
        370852.92   3809380.96       76.74592  (23060306)                370873.33
3809380.96       78.83295  (23060306)
        370893.74   3809380.96       81.90195  (23060306)                370914.15
3809380.96       85.67525  (23112403)
        370934.56   3809380.96       99.49875  (21020617)                370954.97
3809380.96      133.39595  (21020617)
        370812.10   3809413.53       83.98708  (21040403)                370832.51
3809413.53       81.00736  (23060306)
        370852.92   3809413.53       81.57622  (23060306)                370873.33
3809413.53       83.80019  (23060306)
        370893.74   3809413.53       87.15711  (23060306)                370914.15
3809413.53       94.72047  (23123116)
        370934.56   3809413.53      114.89643  (23123116)                370954.97
3809413.53      138.54814  (23123116)
        370812.10   3809446.10       87.90909  (21040403)                370832.51
3809446.10       84.57998  (21040403)
        370852.92   3809446.10       85.09926  (23060306)                370873.33
3809446.10       87.79360  (23060306)
        370893.74   3809446.10       90.84506  (23060306)                370914.15
3809446.10      100.04222  (23123116)
        370934.56   3809446.10      119.09340  (23123116)                370954.97
3809446.10      142.05310  (23123116)
        370771.28   3809478.67       99.39837  (22022008)                370791.69
3809478.67       91.05760  (21040403)
        370812.10   3809478.67       88.08815  (21040403)                370832.51
3809478.67       86.58470  (21040403)
        370852.92   3809478.67       87.40345  (23060306)                370873.33
3809478.67       90.38060  (23060306)
        370893.74   3809478.67       93.77015  (23060306)                370914.15
3809478.67      102.31792  (23123116)
        370934.56   3809478.67      121.12313  (23123116)                370954.97
3809478.67      143.50034  (23123116)
        370730.46   3809511.24      108.83099  (22022008)                370750.87
3809511.24       96.97207  (22022008)
        370771.28   3809511.24       89.21676  (20041006)                370791.69
3809511.24       87.47480  (21040403)
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        370812.10   3809511.24       86.78838  (21040403)                370832.51
3809511.24       86.78586  (21040403)
        370852.92   3809511.24       88.49255  (23060306)                370873.33
3809511.24       90.56462  (23060306)
        370893.74   3809511.24       93.69020  (23060306)                370914.15
3809511.24      104.74221  (23123116)
        370934.56   3809511.24      123.91471  (23123116)                370954.97
3809511.24      146.92018  (23123116)
        370689.64   3809543.81      121.80772  (22022008)                370710.05
3809543.81      105.66566  (22022008)
        370730.46   3809543.81       95.72830  (22022008)                370750.87
3809543.81       89.20113  (22022008)
        370771.28   3809543.81       85.80254  (20041006)                370791.69
3809543.81       83.77994  (20041006)
        370812.10   3809543.81       83.44378  (21040403)                370832.51
3809543.81       84.56326  (21040403)
        370852.92   3809543.81       86.83168  (23060306)                370873.33
3809543.81       89.93578  (22022008)
        370893.74   3809543.81       96.80056  (22022008)                370914.15
3809543.81      107.57511  (23123116)
        370934.56   3809543.81      127.54574  (23123116)                370954.97
3809543.81      151.02018  (23123116)
        370669.23   3809576.38      124.73859  (22022008)                370689.64
3809576.38      106.63480  (22022008)
        370710.05   3809576.38       96.38777  (22022008)                370730.46
3809576.38       90.16909  (22022008)
        370750.87   3809576.38       86.45619  (22022008)                370771.28
3809576.38       84.59156  (22022008)
        370791.69   3809576.38       84.24608  (22022008)                370812.10
3809576.38       85.27337  (22022008)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000815    , L0000816
, L0000817    , L0000818    , L0000819    ,
                  L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
                  L0000828    , L0000829    , L0000830    , L0000831    , L0000832
, L0000833    , L0000834    , L0000835    ,
                  L0000836    , L0000837    , L0000838    , L0000839    , L0000840
, L0000841    , L0000842    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370832.51	3809576.38	87.68094	(22022008)	370852.92	3809576.38	91.62374	(22022008)
370873.33	3809576.38	97.40773	(22022008)	370893.74	3809576.38	105.70648	(22022008)
370914.15	3809576.38	117.75350	(22022008)	370934.56	3809576.38	136.83190	(21020617)
370954.97	3809576.38	165.77004	(22022008)	370669.23	3809608.95	108.24272	(22022008)
370689.64	3809608.95	97.78845	(22022008)	370710.05	3809608.95	91.63277	(22022008)
370730.46	3809608.95	88.17420	(22022008)	370750.87	3809608.95	86.68731	(22022008)
370771.28	3809608.95	86.82058	(22022008)	370791.69	3809608.95	88.36026	(22022008)
370812.10	3809608.95	91.20489	(22022008)	370832.51	3809608.95	95.36527	(22022008)
370852.92	3809608.95	101.02400	(22022008)	370873.33	3809608.95	108.64789	(22022008)
370893.74	3809608.95	119.31246	(22022008)	370914.15	3809608.95	135.97545	(21020617)
370934.56	3809608.95	164.69831	(21020617)	370628.41	3809641.52	126.37820	(22022008)
370669.23	3809641.52	99.18443	(22022008)	370689.64	3809641.52	93.33165	(22022008)
370710.05	3809641.52	90.10237	(22022008)	370730.46	3809641.52	88.89062	(22022008)
370750.87	3809641.52	89.53773	(22022008)	370771.28	3809641.52	91.98472	(22022008)
370791.69	3809641.52	104.25073	(21020617)	370812.10	3809641.52	115.07009	(21020617)
370832.51	3809641.52	122.44837	(21020617)	370852.92	3809641.52	129.01872	(21020617)
370873.33	3809641.52	136.18713	(21020617)	370893.74	3809641.52	146.99903	(21020617)
370914.15	3809641.52	165.00730	(22022008)	370608.00	3809674.09	125.86570	(22022008)
370628.41	3809674.09	110.18675	(22022008)	370669.23	3809674.09	96.25276	(22022008)
370689.64	3809674.09	92.97552	(22022008)	370710.05	3809674.09	91.64095	(22022008)
370730.46	3809674.09	92.30064	(22022008)	370750.87			

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3809674.09       95.32106  (22022008)
        370771.28   3809674.09      101.43415  (22022008)                370791.69
3809674.09      135.51211  (21020617)
        370812.10   3809674.09      157.90241  (21020617)                370832.51
3809674.09      168.79695  (21020617)
        370852.92   3809674.09      174.57054  (21020617)                370873.33
3809674.09      181.00451  (21020617)
        370893.74   3809674.09      193.62000  (22022008)                370628.41
3809706.66      110.90281  (22022008)
        370669.23   3809706.66      100.27699  (22022008)                370689.64
3809706.66       97.69778  (22022008)
        370710.05   3809706.66      105.43002  (23123116)                370730.46
3809706.66      119.95403  (23123116)
        370750.87   3809706.66      138.63072  (23123116)                370771.28
3809706.66      162.58014  (23123116)
        370689.64   3809739.23      112.10214  (22022008)                370710.05
3809739.23      124.99823  (23123116)
        370730.46   3809739.23      146.96408  (23123116)                370750.87
3809739.23      176.15101  (23123116)
        370771.28   3809739.23      213.35736  (23123116)                370791.69
3809836.94      113.55347  (22022008)
        370812.10   3809836.94      116.01870  (21122216)                370832.51
3809836.94      142.53957  (21122216)
        370852.92   3809836.94      167.68062  (21122216)                370750.87
3809869.51      100.98224  (22022008)
        370771.28   3809869.51       92.39094  (22022008)                370791.69
3809869.51       90.92438  (21020823)
        370812.10   3809869.51      103.84659  (21122216)                370832.51
3809869.51      123.91019  (21122216)
        370852.92   3809869.51      143.78399  (21122216)                370873.33
3809869.51      160.28683  (21122216)
        370893.74   3809869.51      170.25821  (21122216)                370914.15
3809869.51      171.86832  (21122216)
        370934.56   3809869.51      171.26218  (21122216)                370954.97
3809869.51      174.24910  (21122216)
        370832.51   3809902.08      106.72947  (21122216)                370852.92
3809902.08      121.77265  (21122216)
        370873.33   3809902.08      132.82601  (21122216)                370893.74
3809902.08      139.36712  (21122216)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000815    , L0000816
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, L0000817    , L0000818    , L0000819    ,
                L0000820    , L0000821    , L0000822    , L0000823    , L0000824
, L0000825    , L0000826    , L0000827    ,
                L0000828    , L0000829    , L0000830    , L0000831    , L0000832
, L0000833    , L0000834    , L0000835    ,
                L0000836    , L0000837    , L0000838    , L0000839    , L0000840
, L0000841    , L0000842    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        370934.56   3809902.08      143.36292  (21122216)               370726.13
3809883.01      101.78428  (22022008)
        370742.25   3809839.40      158.93505  (22022008)               370781.12
3809850.77      106.36445  (22022008)
        370794.40   3809809.06      131.64576  (22022008)               370958.42
3809867.84      176.33247  (21122216)
        370949.89   3809895.34      151.60373  (21122216)               370944.20
3809910.51      140.63036  (21122216)
        370906.28   3809897.23      145.27312  (21122216)               370891.11
3809934.21      117.52549  (21122216)
        370849.39   3809909.56      115.07878  (21122216)               370794.40
3809896.29       89.43286  (21020823)
        370726.13   3809883.01      101.78428  (22022008)               370742.25
3809839.40      158.93505  (22022008)
        370781.12   3809850.77      106.36445  (22022008)               370794.40
3809809.06      131.64576  (22022008)
        370958.42   3809867.84      176.33247  (21122216)               370949.89
3809895.34      151.60373  (21122216)
        370944.20   3809910.51      140.63036  (21122216)               370906.28
3809897.23      145.27312  (21122216)
        370891.11   3809934.21      117.52549  (21122216)               370849.39
3809909.56      115.07878  (21122216)
        370794.40   3809896.29       89.43286  (21020823)               370941.99
3809335.68       99.75907  (21020617)
        370943.10   3809305.56       89.62813  (23112403)               370799.20
3809304.44       68.00957  (20121716)
        370762.39   3809318.94       95.15712  (20121716)               370764.62
3809370.26      100.69213  (20121716)
        370809.24   3809439.42       88.26771  (21040403)               370738.97
3809492.96      116.01163  (22022008)
        370682.08   3809529.77      143.37069  (22022008)               370658.65
3809573.28      143.63761  (22022008)
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        370680.96   3809583.31      110.03233  (22022008)                370680.96
3809601.16      103.75589  (22022008)
        370670.92   3809604.51      108.79381  (22022008)                370656.42
3809606.74      119.85307  (22022008)
        370647.50   3809729.44      116.06923  (22022008)                370782.47
3809775.18      192.29448  (23123116)
        370783.59   3809697.09      150.04839  (23123116)                370812.59
3809694.86      178.87791  (21020617)
        370865.02   3809691.52      203.36178  (22022008)                370895.14
3809677.02      204.50731  (22022008)
        370921.91   3809654.71      200.42294  (22022008)                370940.87
3809612.32      183.85000  (22022008)
        370944.22   3809601.16      174.84680  (21020617)                370974.34
3809601.16      234.24795  (22022008)
        370975.45   3809351.29      150.74020  (21020617)                370846.06
3809349.06       71.26819  (23060306)
        370833.78   3809352.41       71.03586  (23060306)                370817.05
3809364.68       72.84834  (23060306)
        370805.90   3809365.79       73.97802  (21040403)                370796.97
3809357.99       73.03759  (21040403)
        370795.86   3809349.06       70.84228  (21040403)                370798.09
3809341.25       68.82436  (21040403)
        370805.90   3809336.79       67.47740  (21040403)                370602.88
3809704.90      124.00884  (22022008)
        370608.46   3809636.86      168.22363  (21122216)                370639.69
3809643.55      114.54637  (22022008)
        370634.11   3809708.25      109.32432  (22022008)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                    AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
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PHASE2    1ST HIGHEST VALUE IS      69.52652 AT (  370974.34,  3809601.16,   494.99,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      65.40497 AT (  370895.14,  3809677.02,   494.74,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      64.58387 AT (  370865.02,  3809691.52,   494.58,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      63.46570 AT (  370921.91,  3809654.71,   494.87,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      61.43841 AT (  370893.74,  3809674.09,   494.83,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      54.85642 AT (  370940.87,  3809612.32,   495.67,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      52.55968 AT (  370873.33,  3809674.09,   494.93,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      50.81886 AT (  370944.22,  3809601.16,   495.88,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      50.16849 AT (  370914.15,  3809641.52,   495.18,
 1482.08,    0.00)  DC
         10TH HIGHEST VALUE IS      47.93103 AT (  370934.56,  3809608.95,   495.94,
 1482.08,    0.00)  DC

PHASE3    1ST HIGHEST VALUE IS      44.98695 AT (  370742.25,  3809839.40,   493.27,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      44.98695 AT (  370742.25,  3809839.40,   493.27,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      43.40941 AT (  370608.46,  3809636.86,   494.47,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      36.61802 AT (  370602.88,  3809704.90,   492.81,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      35.39393 AT (  370608.00,  3809674.09,   493.59,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      32.35847 AT (  370647.50,  3809729.44,   492.62,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      31.22763 AT (  370628.41,  3809641.52,   494.43,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      30.60166 AT (  370628.41,  3809706.66,   493.04,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      29.80418 AT (  370634.11,  3809708.25,   493.05,
 1482.08,    0.00)  DC
         10TH HIGHEST VALUE IS      28.56221 AT (  370628.41,  3809674.09,   494.03,
 1482.08,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      92.74513 AT (  370974.34,  3809601.16,   494.99,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      79.08345 AT (  370895.14,  3809677.02,   494.74,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      78.71973 AT (  370921.91,  3809654.71,   494.87,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      77.53027 AT (  370865.02,  3809691.52,   494.58,
 1482.08,    0.00)  DC
```

```
         5TH HIGHEST VALUE IS      75.05655 AT (  370893.74,  3809674.09,   494.83,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS      72.06558 AT (  370940.87,  3809612.32,   495.67,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS      68.48105 AT (  370944.22,  3809601.16,   495.88,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS      66.11354 AT (  370954.97,  3809576.38,   496.26,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS      65.55022 AT (  370873.33,  3809674.09,   494.93,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      64.86891 AT (  370914.15,  3809641.52,   495.18,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                   PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                      DATE
                                           NETWORK
GROUP ID                              AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

PHASE2   HIGH   1ST HIGH VALUE IS     195.65340  ON 21020617: AT (  370865.02,
3809691.52,   494.58,  1482.08,    0.00)  DC

PHASE3   HIGH   1ST HIGH VALUE IS     119.58087  ON 22022008: AT (  370742.25,
3809839.40,   493.27,  1482.08,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS     234.24795  ON 22022008: AT (  370974.34,
3809601.16,   494.99,  1482.08,    0.00)  DC
```

```
 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:44:03

                                 PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3451       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3451       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro_Ph1_Onsite.err

 **File for Summary of Results:   Belcaro_Ph1_Onsite.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.sfc Met Version: 22112
Profile file: ..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0
18	01	01	1	13	160.9	0.252	1.349	0.007	530.	304.	-8.7	0.05	2.01	0.23	2.60	45.	10.0	298.6	9.0
18	01	01	1	14	137.1	0.304	1.368	0.006	648.	402.	-17.8	0.05	2.01	0.24	3.35	63.	10.0	298.6	9.0
18	01	01	1	15	98.3	0.270	1.273	0.006	729.	337.	-17.3	0.05	2.01	0.28	2.96	65.	10.0	298.6	9.0
18	01	01	1	16	38.6	0.184	0.941	0.006	748.	193.	-14.1	0.05	2.01	0.36	1.98	60.	10.0	297.6	9.0
18	01	01	1	17	-6.2	0.111	-9.000	-9.000	-999.	91.	19.4	0.05	2.01	0.62	1.62	36.	10.0	296.0	9.0
18	01	01	1	18	-2.4	0.073	-9.000	-9.000	-999.	47.	13.8	0.10	2.01	1.00	0.84	325.	10.0	293.8	9.0
18	01	01	1	19	-4.0	0.091	-9.000	-9.000	-999.	65.	16.3	0.17	2.01	1.00	1.00	159.	10.0	290.5	9.0
18	01	01	1	20	-5.3	0.100	-9.000	-9.000	-999.	76.	16.7	0.09	2.01	1.00	1.32	124.	10.0	287.2	9.0
18	01	01	1	21	-6.3	0.110	-9.000	-9.000	-999.	88.	18.3	0.09	2.01	1.00	1.44	128.	10.0	285.8	9.0
18	01	01	1	22	-3.6	0.084	-9.000	-9.000	-999.	59.	14.3	0.09	2.01	1.00	1.08	136.	10.0	285.4	9.0
18	01	01	1	23	-5.3	0.100	-9.000	-9.000	-999.	76.	16.5	0.08	2.01						

```
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/09/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:44:03

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

PHASE2    1ST HIGHEST VALUE IS      69.52652 AT (  370974.34,  3809601.16,   494.99,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      65.40497 AT (  370895.14,  3809677.02,   494.74,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      64.58387 AT (  370865.02,  3809691.52,   494.58,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      63.46570 AT (  370921.91,  3809654.71,   494.87,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      61.43841 AT (  370893.74,  3809674.09,   494.83,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      54.85642 AT (  370940.87,  3809612.32,   495.67,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      52.55968 AT (  370873.33,  3809674.09,   494.93,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      50.81886 AT (  370944.22,  3809601.16,   495.88,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      50.16849 AT (  370914.15,  3809641.52,   495.18,
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 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      47.93103 AT (  370934.56,  3809608.95,   495.94,
 1482.08,    0.00)  DC

PHASE3    1ST HIGHEST VALUE IS      44.98695 AT (  370742.25,  3809839.40,   493.27,
 1482.08,    0.00)  DC
         2ND HIGHEST VALUE IS      44.98695 AT (  370742.25,  3809839.40,   493.27,
 1482.08,    0.00)  DC
         3RD HIGHEST VALUE IS      43.40941 AT (  370608.46,  3809636.86,   494.47,
 1482.08,    0.00)  DC
         4TH HIGHEST VALUE IS      36.61802 AT (  370602.88,  3809704.90,   492.81,
 1482.08,    0.00)  DC
         5TH HIGHEST VALUE IS      35.39393 AT (  370608.00,  3809674.09,   493.59,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS      32.35847 AT (  370647.50,  3809729.44,   492.62,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS      31.22763 AT (  370628.41,  3809641.52,   494.43,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS      30.60166 AT (  370628.41,  3809706.66,   493.04,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS      29.80418 AT (  370634.11,  3809708.25,   493.05,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      28.56221 AT (  370628.41,  3809674.09,   494.03,
 1482.08,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      92.74513 AT (  370974.34,  3809601.16,   494.99,
 1482.08,    0.00)  DC
         2ND HIGHEST VALUE IS      79.08345 AT (  370895.14,  3809677.02,   494.74,
 1482.08,    0.00)  DC
         3RD HIGHEST VALUE IS      78.71973 AT (  370921.91,  3809654.71,   494.87,
 1482.08,    0.00)  DC
         4TH HIGHEST VALUE IS      77.53027 AT (  370865.02,  3809691.52,   494.58,
 1482.08,    0.00)  DC
         5TH HIGHEST VALUE IS      75.05655 AT (  370893.74,  3809674.09,   494.83,
 1482.08,    0.00)  DC
         6TH HIGHEST VALUE IS      72.06558 AT (  370940.87,  3809612.32,   495.67,
 1482.08,    0.00)  DC
         7TH HIGHEST VALUE IS      68.48105 AT (  370944.22,  3809601.16,   495.88,
 1482.08,    0.00)  DC
         8TH HIGHEST VALUE IS      66.11354 AT (  370954.97,  3809576.38,   496.26,
 1482.08,    0.00)  DC
         9TH HIGHEST VALUE IS      65.55022 AT (  370873.33,  3809674.09,   494.93,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      64.86891 AT (  370914.15,  3809641.52,   495.18,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
```

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

                                                      DATE
                                          NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

PHASE2   HIGH   1ST HIGH VALUE IS   195.65340 ON 21020617: AT (370865.02,
3809691.52,   494.58, 1482.08,   0.00) DC

PHASE3   HIGH   1ST HIGH VALUE IS   119.58087 ON 22022008: AT (370742.25,
3809839.40,   493.27, 1482.08,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   234.24795 ON 22022008: AT (370974.34,
3809601.16,   494.99, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)

```
 A Total of            4 Warning Message(s)
 A Total of          885 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          217 Calm Hours Identified

 A Total of          668 Missing Hours Identified (  1.52 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3451       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3451       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450    8761       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/10/2024
** File: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro_Ph2_Onsite\Belcaro_Ph2_Onsite.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9663345 Los_Angeles_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Belcaro_Ph2_Onsite.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Ph3 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.30722
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 22
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** 371127.673, 3809363.086, 497.82, 5.00, 4.65
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** 371067.889, 3809645.515, 495.19, 5.00, 4.65
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   LOCATION L0000658     VOLUME   371094.982 3809354.334 497.61
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   LOCATION L0000661     VOLUME   371120.463 3809352.600 497.62
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   LOCATION L0000681     VOLUME   371111.144 3809549.630 494.81
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LOCATION L0000715 VOLUME 370986.758 3809748.618 491.69
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LOCATION L0000731 VOLUME 371025.844 3809637.507 492.62

LOCATION L0000732 VOLUME 371028.475 3809627.859 492.69
LOCATION L0000733 VOLUME 371031.106 3809618.211 492.96
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LOCATION L0000736 VOLUME 371031.682 3809588.306 494.24
LOCATION L0000737 VOLUME 371031.635 3809578.306 494.84
LOCATION L0000738 VOLUME 371031.588 3809568.307 495.29
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LOCATION L0000742 VOLUME 371031.398 3809528.307 496.51
LOCATION L0000743 VOLUME 371031.351 3809518.307 496.81
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LOCATION L0000745 VOLUME 371031.256 3809498.307 497.38
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LOCATION L0000748 VOLUME 371031.114 3809468.308 498.20
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LOCATION L0000750 VOLUME 371031.019 3809448.308 498.70
LOCATION L0000751 VOLUME 371030.972 3809438.308 498.78
LOCATION L0000752 VOLUME 371030.924 3809428.308 498.85
LOCATION L0000753 VOLUME 371030.877 3809418.308 498.93
LOCATION L0000754 VOLUME 371030.829 3809408.308 499.04
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LOCATION L0000759 VOLUME 371068.866 3809386.495 498.24
LOCATION L0000760 VOLUME 371078.430 3809383.573 497.94
LOCATION L0000761 VOLUME 371087.993 3809380.650 497.74
LOCATION L0000762 VOLUME 371097.557 3809377.728 497.57
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LOCATION L0000764 VOLUME 371104.234 3809387.653 497.55
LOCATION L0000765 VOLUME 371103.610 3809397.633 497.48
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LOCATION L0000767 VOLUME 371102.362 3809417.594 497.31
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LOCATION L0000769 VOLUME 371101.115 3809437.555 497.17
LOCATION L0000770 VOLUME 371100.491 3809447.536 497.11
LOCATION L0000771 VOLUME 371099.867 3809457.516 496.97
LOCATION L0000772 VOLUME 371099.243 3809467.497 496.81
LOCATION L0000773 VOLUME 371098.620 3809477.478 496.66
LOCATION L0000774 VOLUME 371097.996 3809487.458 496.42
LOCATION L0000775 VOLUME 371097.372 3809497.439 496.17
LOCATION L0000776 VOLUME 371096.748 3809507.419 495.91
LOCATION L0000777 VOLUME 371096.125 3809517.400 495.67
LOCATION L0000778 VOLUME 371095.501 3809527.380 495.44
LOCATION L0000779 VOLUME 371094.877 3809537.361 495.20
LOCATION L0000780 VOLUME 371094.253 3809547.341 494.96
LOCATION L0000781 VOLUME 371093.629 3809557.322 494.73

LOCATION L0000782 VOLUME 371093.006 3809567.302 494.50
LOCATION L0000783 VOLUME 371092.382 3809577.283 494.29
LOCATION L0000784 VOLUME 371091.758 3809587.263 494.08
LOCATION L0000785 VOLUME 371091.134 3809597.244 493.87
LOCATION L0000786 VOLUME 371090.511 3809607.224 494.16
LOCATION L0000787 VOLUME 371089.887 3809617.205 495.17
LOCATION L0000788 VOLUME 371089.263 3809627.185 496.23
LOCATION L0000789 VOLUME 371088.639 3809637.166 496.41
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LOCATION L0000791 VOLUME 371087.392 3809657.127 493.01
LOCATION L0000792 VOLUME 371086.768 3809667.108 491.71
LOCATION L0000793 VOLUME 371081.697 3809672.908 491.89
LOCATION L0000794 VOLUME 371075.948 3809667.277 492.06
LOCATION L0000795 VOLUME 371072.475 3809657.899 493.10
LOCATION L0000796 VOLUME 371069.002 3809648.522 494.10
LOCATION L0000797 VOLUME 371061.140 3809644.737 493.75
LOCATION L0000798 VOLUME 371051.206 3809643.590 493.09
LOCATION L0000799 VOLUME 371041.271 3809642.444 492.88
LOCATION L0000800 VOLUME 371041.319 3809632.610 492.96
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LOCATION L0000802 VOLUME 371041.788 3809612.615 493.25
LOCATION L0000803 VOLUME 371042.023 3809602.618 493.43
LOCATION L0000804 VOLUME 371042.258 3809592.621 493.93
LOCATION L0000805 VOLUME 371042.493 3809582.623 494.44
LOCATION L0000806 VOLUME 371042.727 3809572.626 494.92
LOCATION L0000807 VOLUME 371042.962 3809562.629 495.22
LOCATION L0000808 VOLUME 371043.197 3809552.632 495.51
LOCATION L0000809 VOLUME 371043.431 3809542.634 495.80
LOCATION L0000810 VOLUME 371043.666 3809532.637 496.08
LOCATION L0000811 VOLUME 371043.901 3809522.640 496.35
LOCATION L0000812 VOLUME 371044.135 3809512.643 496.62
LOCATION L0000813 VOLUME 371044.370 3809502.645 496.91
LOCATION L0000814 VOLUME 371044.605 3809492.648 497.21
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LOCATION L0000817 VOLUME 371045.309 3809462.656 497.99
LOCATION L0000818 VOLUME 371045.543 3809452.659 498.22
LOCATION L0000819 VOLUME 371045.778 3809442.662 498.33
LOCATION L0000820 VOLUME 371046.013 3809432.665 498.38
LOCATION L0000821 VOLUME 371046.302 3809422.676 498.43
LOCATION L0000822 VOLUME 371049.243 3809413.119 498.45
LOCATION L0000823 VOLUME 371056.231 3809407.515 498.37
LOCATION L0000824 VOLUME 371065.718 3809404.353 498.18
LOCATION L0000825 VOLUME 371075.205 3809401.191 497.97
LOCATION L0000826 VOLUME 371084.692 3809398.028 497.79
LOCATION L0000827 VOLUME 371087.163 3809404.163 497.70
LOCATION L0000828 VOLUME 371086.725 3809414.153 497.65
LOCATION L0000829 VOLUME 371086.287 3809424.144 497.60
LOCATION L0000830 VOLUME 371085.849 3809434.134 497.54
LOCATION L0000831 VOLUME 371085.411 3809444.124 497.48

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   LOCATION L0000839     VOLUME   371081.905 3809524.048 495.69
   LOCATION L0000840     VOLUME   371081.467 3809534.038 495.41
   LOCATION L0000841     VOLUME   371081.029 3809544.028 495.13
   LOCATION L0000842     VOLUME   371080.591 3809554.019 494.88
   LOCATION L0000843     VOLUME   371080.153 3809564.009 494.63
   LOCATION L0000844     VOLUME   371079.714 3809574.000 494.38
   LOCATION L0000845     VOLUME   371079.276 3809583.990 494.15
   LOCATION L0000846     VOLUME   371078.838 3809593.980 493.91
   LOCATION L0000847     VOLUME   371078.400 3809603.971 493.76
   LOCATION L0000848     VOLUME   371077.962 3809613.961 494.92
   LOCATION L0000849     VOLUME   371077.524 3809623.952 496.03
   LOCATION L0000850     VOLUME   371075.342 3809632.246 496.61
   LOCATION L0000851     VOLUME   371065.367 3809632.958 495.09
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Ph3 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.34255
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 44
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** 370452.902, 3809594.067, 501.58, 5.00, 4.65
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   LOCATION L0000854     VOLUME   370569.404 3809486.708 496.95
   LOCATION L0000855     VOLUME   370577.875 3809492.022 497.10
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   LOCATION L0000857     VOLUME   370584.148 3809507.202 497.07
   LOCATION L0000858     VOLUME   370582.121 3809516.994 496.92
   LOCATION L0000859     VOLUME   370580.093 3809526.786 496.69
   LOCATION L0000860     VOLUME   370578.065 3809536.579 496.48
   LOCATION L0000861     VOLUME   370576.038 3809546.371 496.27
   LOCATION L0000862     VOLUME   370574.010 3809556.163 496.04
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   LOCATION L0000866     VOLUME   370565.899 3809595.332 494.99
   LOCATION L0000867     VOLUME   370563.872 3809605.124 494.68
   LOCATION L0000868     VOLUME   370561.844 3809614.917 494.44
   LOCATION L0000869     VOLUME   370559.816 3809624.709 494.28
   LOCATION L0000870     VOLUME   370557.788 3809634.501 494.11
   LOCATION L0000871     VOLUME   370555.761 3809644.294 493.85
   LOCATION L0000872     VOLUME   370565.250 3809644.877 493.88
   LOCATION L0000873     VOLUME   370575.248 3809645.052 493.96
   LOCATION L0000874     VOLUME   370585.246 3809645.227 494.07
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LOCATION L0000882 VOLUME 370576.952 3809693.035 492.59
LOCATION L0000883 VOLUME 370567.460 3809689.888 492.42
LOCATION L0000884 VOLUME 370557.968 3809686.742 492.28
LOCATION L0000885 VOLUME 370548.476 3809683.595 492.21
LOCATION L0000886 VOLUME 370538.984 3809680.449 492.29
LOCATION L0000887 VOLUME 370529.492 3809677.302 492.42
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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Ph3 Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 0.24578
** Vertical Dimension = 10.00
** SZINIT = 4.65
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   LOCATION L0001193     VOLUME   370464.744 3809829.078 488.57
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** Configuration = Adjacent
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   SRCPARAM L0000833     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000834     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000835     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000836     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000837     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000838     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000839     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000840     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000841     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000842     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000843     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000844     0.0015361      5.00      4.65      4.65
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   SRCPARAM L0000846     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000847     0.0015361      5.00      4.65      4.65
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   SRCPARAM L0000849     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000850     0.0015361      5.00      4.65      4.65
   SRCPARAM L0000851     0.0015361      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE2
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SRCPARAM L0001002     0.0015360987      5.00      4.65      4.65
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SRCPARAM L0001006     0.0015360987      5.00      4.65      4.65
SRCPARAM L0001007     0.0015360987      5.00      4.65      4.65
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SRCPARAM L0001009     0.0015360987      5.00      4.65      4.65
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SRCPARAM L0001052     0.0015360987      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE3
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   SRCPARAM L0001076     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001077     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001078     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001079     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001080     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001081     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001082     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001083     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001084     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001085     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001086     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001087     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001088     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001090     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001098     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001100     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001101     0.001536125      5.00      4.65      4.65
SRCPARAM L0001102     0.001536125      5.00      4.65      4.65
SRCPARAM L0001103     0.001536125      5.00      4.65      4.65
SRCPARAM L0001104     0.001536125      5.00      4.65      4.65
SRCPARAM L0001105     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001109     0.001536125      5.00      4.65      4.65
SRCPARAM L0001110     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001114     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001128     0.001536125      5.00      4.65      4.65
SRCPARAM L0001129     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001136     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001139     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001147     0.001536125      5.00      4.65      4.65
SRCPARAM L0001148     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001150     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001164     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001166     0.001536125      5.00      4.65      4.65
SRCPARAM L0001167     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001196     0.001536125      5.00      4.65      4.65
SRCPARAM L0001197     0.001536125      5.00      4.65      4.65
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SRCPARAM L0001200     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001212     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001215     0.001536125      5.00      4.65      4.65
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   SRCPARAM L0001223     0.001536125      5.00      4.65      4.65
   SRCPARAM L0001224     0.001536125      5.00      4.65      4.65
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   SRCGROUP Phase3   L0001288 L0001289 L0001290 L0001291 L0001292 L0001293
   SRCGROUP Phase3   L0001294 L0001295 L0001296 L0001297 L0001298 L0001299
   SRCGROUP Phase3   L0001300 L0001301 L0001302
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Belcaro_Ph2_Onsite.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.sfc"
   PROFFILE "..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.PFL"
   SURFDATA 23130 2018
   UAIRDATA 3190 2018
   SITEDATA 60376012 2018
   PROFBASE 36.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
```

```
   PLOTFILE 1 ALL 1ST BELCARO_PH2_ONSITE.AD\01H1GALL.PLT 31
   PLOTFILE 1 Phase3 1ST BELCARO_PH2_ONSITE.AD\01H1G001.PLT 32
   PLOTFILE PERIOD ALL BELCARO_PH2_ONSITE.AD\PE00GALL.PLT 33
   PLOTFILE PERIOD Phase3 BELCARO_PH2_ONSITE.AD\PE00G001.PLT 34
   SUMMFILE Belcaro_Ph2_Onsite.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    1639       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1639       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
```

```
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   651 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9663345.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    651 Source(s);       2 Source Group(s); and     251
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    651 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours
```

```
 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro_Ph2_Onsite.err

 **File for Summary of Results:   Belcaro_Ph2_Onsite.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000652         0   0.15361E-02  371038.6 3809374.8   499.0     5.00     4.65
4.65     YES                   NO
 L0000653         0   0.15361E-02  371048.0 3809371.4   498.8     5.00     4.65
4.65     YES                   NO
 L0000654         0   0.15361E-02  371057.4 3809368.0   498.4     5.00     4.65
4.65     YES                   NO
 L0000655         0   0.15361E-02  371066.8 3809364.6   498.1     5.00     4.65
4.65     YES                   NO
 L0000656         0   0.15361E-02  371076.2 3809361.1   497.8     5.00     4.65
4.65     YES                   NO
 L0000657         0   0.15361E-02  371085.6 3809357.7   497.6     5.00     4.65
4.65     YES                   NO
```

L0000658	0	0.15361E-02	371095.0	3809354.3	497.6	5.00	4.65	
4.65	YES	NO						
L0000659	0	0.15361E-02	371104.4	3809350.9	497.5	5.00	4.65	
4.65	YES	NO						
L0000660	0	0.15361E-02	371113.8	3809347.5	497.7	5.00	4.65	
4.65	YES	NO						
L0000661	0	0.15361E-02	371120.5	3809352.6	497.6	5.00	4.65	
4.65	YES	NO						
L0000662	0	0.15361E-02	371126.1	3809360.8	497.6	5.00	4.65	
4.65	YES	NO						
L0000663	0	0.15361E-02	371127.0	3809370.3	497.9	5.00	4.65	
4.65	YES	NO						
L0000664	0	0.15361E-02	371126.1	3809380.3	498.1	5.00	4.65	
4.65	YES	NO						
L0000665	0	0.15361E-02	371125.3	3809390.3	498.3	5.00	4.65	
4.65	YES	NO						
L0000666	0	0.15361E-02	371124.4	3809400.2	498.7	5.00	4.65	
4.65	YES	NO						
L0000667	0	0.15361E-02	371123.5	3809410.2	499.0	5.00	4.65	
4.65	YES	NO						
L0000668	0	0.15361E-02	371122.6	3809420.1	499.3	5.00	4.65	
4.65	YES	NO						
L0000669	0	0.15361E-02	371121.7	3809430.1	499.9	5.00	4.65	
4.65	YES	NO						
L0000670	0	0.15361E-02	371120.9	3809440.1	500.4	5.00	4.65	
4.65	YES	NO						
L0000671	0	0.15361E-02	371120.0	3809450.0	500.6	5.00	4.65	
4.65	YES	NO						
L0000672	0	0.15361E-02	371119.1	3809460.0	499.4	5.00	4.65	
4.65	YES	NO						
L0000673	0	0.15361E-02	371118.2	3809469.9	498.3	5.00	4.65	
4.65	YES	NO						
L0000674	0	0.15361E-02	371117.3	3809479.9	497.3	5.00	4.65	
4.65	YES	NO						
L0000675	0	0.15361E-02	371116.4	3809489.9	496.7	5.00	4.65	
4.65	YES	NO						
L0000676	0	0.15361E-02	371115.6	3809499.8	496.2	5.00	4.65	
4.65	YES	NO						
L0000677	0	0.15361E-02	371114.7	3809509.8	495.7	5.00	4.65	
4.65	YES	NO						
L0000678	0	0.15361E-02	371113.8	3809519.7	495.5	5.00	4.65	
4.65	YES	NO						
L0000679	0	0.15361E-02	371112.9	3809529.7	495.3	5.00	4.65	
4.65	YES	NO						
L0000680	0	0.15361E-02	371112.0	3809539.7	495.0	5.00	4.65	
4.65	YES	NO						
L0000681	0	0.15361E-02	371111.1	3809549.6	494.8	5.00	4.65	
4.65	YES	NO						
L0000682	0	0.15361E-02	371110.3	3809559.6	494.6	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000692	0	0.15361E-02	371101.4	3809659.2	491.9	5.00	4.65	4.65	YES	NO	
L0000693	0	0.15361E-02	371100.6	3809669.2	491.2	5.00	4.65	4.65	YES	NO	
L0000694	0	0.15361E-02	371099.7	3809679.1	491.4	5.00	4.65	4.65	YES	NO	
L0000695	0	0.15361E-02	371098.5	3809688.8	491.5	5.00	4.65	4.65	YES	NO	
L0000696	0	0.15361E-02	371088.5	3809688.3	491.7	5.00	4.65	4.65	YES	NO	
L0000697	0	0.15361E-02	371078.6	3809687.8	491.9	5.00	4.65	4.65	YES	NO	

L0000698	0	0.15361E-02	371068.6	3809686.9	492.0	5.00	4.65	
4.65	YES	NO						
L0000699	0	0.15361E-02	371061.4	3809692.9	492.0	5.00	4.65	
4.65	YES	NO						
L0000700	0	0.15361E-02	371054.8	3809700.4	492.0	5.00	4.65	
4.65	YES	NO						
L0000701	0	0.15361E-02	371048.2	3809708.0	491.9	5.00	4.65	
4.65	YES	NO						
L0000702	0	0.15361E-02	371041.6	3809715.5	491.9	5.00	4.65	
4.65	YES	NO						
L0000703	0	0.15361E-02	371035.0	3809723.0	491.9	5.00	4.65	
4.65	YES	NO						
L0000704	0	0.15361E-02	371028.4	3809730.5	491.8	5.00	4.65	
4.65	YES	NO						
L0000705	0	0.15361E-02	371021.8	3809738.0	491.6	5.00	4.65	
4.65	YES	NO						
L0000706	0	0.15361E-02	371015.2	3809745.5	491.5	5.00	4.65	
4.65	YES	NO						
L0000707	0	0.15361E-02	371008.6	3809753.0	491.4	5.00	4.65	
4.65	YES	NO						
L0000708	0	0.15361E-02	371002.0	3809760.5	491.3	5.00	4.65	
4.65	YES	NO						
L0000709	0	0.15361E-02	370995.4	3809768.0	491.2	5.00	4.65	
4.65	YES	NO						
L0000710	0	0.15361E-02	370988.8	3809775.6	491.1	5.00	4.65	
4.65	YES	NO						
L0000711	0	0.15361E-02	370981.9	3809778.3	491.1	5.00	4.65	
4.65	YES	NO						
L0000712	0	0.15361E-02	370974.6	3809771.5	491.3	5.00	4.65	
4.65	YES	NO						
L0000713	0	0.15361E-02	370974.2	3809764.2	491.5	5.00	4.65	
4.65	YES	NO						
L0000714	0	0.15361E-02	370980.5	3809756.4	491.6	5.00	4.65	
4.65	YES	NO						
L0000715	0	0.15361E-02	370986.8	3809748.6	491.7	5.00	4.65	
4.65	YES	NO						
L0000716	0	0.15361E-02	370993.0	3809740.8	491.8	5.00	4.65	
4.65	YES	NO						
L0000717	0	0.15361E-02	370999.3	3809733.0	491.9	5.00	4.65	
4.65	YES	NO						
L0000718	0	0.15361E-02	371005.6	3809725.3	492.0	5.00	4.65	
4.65	YES	NO						
L0000719	0	0.15361E-02	371011.9	3809717.5	492.2	5.00	4.65	
4.65	YES	NO						
L0000720	0	0.15361E-02	371018.1	3809709.7	492.3	5.00	4.65	
4.65	YES	NO						
L0000721	0	0.15361E-02	371024.4	3809701.9	492.4	5.00	4.65	
4.65	YES	NO						
L0000722	0	0.15361E-02	371030.7	3809694.1	492.5	5.00	4.65	
4.65	YES	NO						

```
 L0000723         0   0.15361E-02  371037.0 3809686.3   492.5     5.00     4.65
4.65     YES                    NO
 L0000724         0   0.15361E-02  371043.2 3809678.5   492.5     5.00     4.65
4.65     YES                    NO
 L0000725         0   0.15361E-02  371049.5 3809670.8   492.6     5.00     4.65
4.65     YES                    NO
 L0000726         0   0.15361E-02  371055.8 3809663.0   492.6     5.00     4.65
4.65     YES                    NO
 L0000727         0   0.15361E-02  371048.3 3809659.0   492.8     5.00     4.65
4.65     YES                    NO
 L0000728         0   0.15361E-02  371038.9 3809655.6   492.8     5.00     4.65
4.65     YES                    NO
 L0000729         0   0.15361E-02  371029.5 3809652.2   492.7     5.00     4.65
4.65     YES                    NO
 L0000730         0   0.15361E-02  371023.2 3809647.2   492.8     5.00     4.65
4.65     YES                    NO
 L0000731         0   0.15361E-02  371025.8 3809637.5   492.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000732         0   0.15361E-02  371028.5 3809627.9   492.7     5.00     4.65
4.65     YES                    NO
 L0000733         0   0.15361E-02  371031.1 3809618.2   493.0     5.00     4.65
4.65     YES                    NO
 L0000734         0   0.15361E-02  371031.8 3809608.3   493.2     5.00     4.65
4.65     YES                    NO
 L0000735         0   0.15361E-02  371031.7 3809598.3   493.7     5.00     4.65
4.65     YES                    NO
 L0000736         0   0.15361E-02  371031.7 3809588.3   494.2     5.00     4.65
4.65     YES                    NO
 L0000737         0   0.15361E-02  371031.6 3809578.3   494.8     5.00     4.65
4.65     YES                    NO
```

L0000738	0	0.15361E-02	371031.6	3809568.3	495.3	5.00	4.65	
4.65	YES	NO						
L0000739	0	0.15361E-02	371031.5	3809558.3	495.6	5.00	4.65	
4.65	YES	NO						
L0000740	0	0.15361E-02	371031.5	3809548.3	495.9	5.00	4.65	
4.65	YES	NO						
L0000741	0	0.15361E-02	371031.4	3809538.3	496.2	5.00	4.65	
4.65	YES	NO						
L0000742	0	0.15361E-02	371031.4	3809528.3	496.5	5.00	4.65	
4.65	YES	NO						
L0000743	0	0.15361E-02	371031.4	3809518.3	496.8	5.00	4.65	
4.65	YES	NO						
L0000744	0	0.15361E-02	371031.3	3809508.3	497.1	5.00	4.65	
4.65	YES	NO						
L0000745	0	0.15361E-02	371031.3	3809498.3	497.4	5.00	4.65	
4.65	YES	NO						
L0000746	0	0.15361E-02	371031.2	3809488.3	497.7	5.00	4.65	
4.65	YES	NO						
L0000747	0	0.15361E-02	371031.2	3809478.3	497.9	5.00	4.65	
4.65	YES	NO						
L0000748	0	0.15361E-02	371031.1	3809468.3	498.2	5.00	4.65	
4.65	YES	NO						
L0000749	0	0.15361E-02	371031.1	3809458.3	498.5	5.00	4.65	
4.65	YES	NO						
L0000750	0	0.15361E-02	371031.0	3809448.3	498.7	5.00	4.65	
4.65	YES	NO						
L0000751	0	0.15361E-02	371031.0	3809438.3	498.8	5.00	4.65	
4.65	YES	NO						
L0000752	0	0.15361E-02	371030.9	3809428.3	498.9	5.00	4.65	
4.65	YES	NO						
L0000753	0	0.15361E-02	371030.9	3809418.3	498.9	5.00	4.65	
4.65	YES	NO						
L0000754	0	0.15361E-02	371030.8	3809408.3	499.0	5.00	4.65	
4.65	YES	NO						
L0000755	0	0.15361E-02	371030.8	3809398.3	499.2	5.00	4.65	
4.65	YES	NO						
L0000756	0	0.15361E-02	371040.2	3809395.3	499.0	5.00	4.65	
4.65	YES	NO						
L0000757	0	0.15361E-02	371049.7	3809392.3	498.8	5.00	4.65	
4.65	YES	NO						
L0000758	0	0.15361E-02	371059.3	3809389.4	498.5	5.00	4.65	
4.65	YES	NO						
L0000759	0	0.15361E-02	371068.9	3809386.5	498.2	5.00	4.65	
4.65	YES	NO						
L0000760	0	0.15361E-02	371078.4	3809383.6	497.9	5.00	4.65	
4.65	YES	NO						
L0000761	0	0.15361E-02	371088.0	3809380.6	497.7	5.00	4.65	
4.65	YES	NO						
L0000762	0	0.15361E-02	371097.6	3809377.7	497.6	5.00	4.65	
4.65	YES	NO						

```
 L0000763         0   0.15361E-02  371104.9 3809377.7   497.6     5.00     4.65
4.65     YES                    NO
 L0000764         0   0.15361E-02  371104.2 3809387.7   497.6     5.00     4.65
4.65     YES                    NO
 L0000765         0   0.15361E-02  371103.6 3809397.6   497.5     5.00     4.65
4.65     YES                    NO
 L0000766         0   0.15361E-02  371103.0 3809407.6   497.4     5.00     4.65
4.65     YES                    NO
 L0000767         0   0.15361E-02  371102.4 3809417.6   497.3     5.00     4.65
4.65     YES                    NO
 L0000768         0   0.15361E-02  371101.7 3809427.6   497.2     5.00     4.65
4.65     YES                    NO
 L0000769         0   0.15361E-02  371101.1 3809437.6   497.2     5.00     4.65
4.65     YES                    NO
 L0000770         0   0.15361E-02  371100.5 3809447.5   497.1     5.00     4.65
4.65     YES                    NO
 L0000771         0   0.15361E-02  371099.9 3809457.5   497.0     5.00     4.65
4.65     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000772         0   0.15361E-02  371099.2 3809467.5   496.8     5.00     4.65
4.65     YES                    NO
 L0000773         0   0.15361E-02  371098.6 3809477.5   496.7     5.00     4.65
4.65     YES                    NO
 L0000774         0   0.15361E-02  371098.0 3809487.5   496.4     5.00     4.65
4.65     YES                    NO
 L0000775         0   0.15361E-02  371097.4 3809497.4   496.2     5.00     4.65
4.65     YES                    NO
 L0000776         0   0.15361E-02  371096.7 3809507.4   495.9     5.00     4.65
4.65     YES                    NO
 L0000777         0   0.15361E-02  371096.1 3809517.4   495.7     5.00     4.65
4.65     YES                    NO
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 L0000778         0   0.15361E-02  371095.5 3809527.4   495.4     5.00     4.65
4.65     YES                  NO
 L0000779         0   0.15361E-02  371094.9 3809537.4   495.2     5.00     4.65
4.65     YES                  NO
 L0000780         0   0.15361E-02  371094.3 3809547.3   495.0     5.00     4.65
4.65     YES                  NO
 L0000781         0   0.15361E-02  371093.6 3809557.3   494.7     5.00     4.65
4.65     YES                  NO
 L0000782         0   0.15361E-02  371093.0 3809567.3   494.5     5.00     4.65
4.65     YES                  NO
 L0000783         0   0.15361E-02  371092.4 3809577.3   494.3     5.00     4.65
4.65     YES                  NO
 L0000784         0   0.15361E-02  371091.8 3809587.3   494.1     5.00     4.65
4.65     YES                  NO
 L0000785         0   0.15361E-02  371091.1 3809597.2   493.9     5.00     4.65
4.65     YES                  NO
 L0000786         0   0.15361E-02  371090.5 3809607.2   494.2     5.00     4.65
4.65     YES                  NO
 L0000787         0   0.15361E-02  371089.9 3809617.2   495.2     5.00     4.65
4.65     YES                  NO
 L0000788         0   0.15361E-02  371089.3 3809627.2   496.2     5.00     4.65
4.65     YES                  NO
 L0000789         0   0.15361E-02  371088.6 3809637.2   496.4     5.00     4.65
4.65     YES                  NO
 L0000790         0   0.15361E-02  371088.0 3809647.1   494.7     5.00     4.65
4.65     YES                  NO
 L0000791         0   0.15361E-02  371087.4 3809657.1   493.0     5.00     4.65
4.65     YES                  NO
 L0000792         0   0.15361E-02  371086.8 3809667.1   491.7     5.00     4.65
4.65     YES                  NO
 L0000793         0   0.15361E-02  371081.7 3809672.9   491.9     5.00     4.65
4.65     YES                  NO
 L0000794         0   0.15361E-02  371075.9 3809667.3   492.1     5.00     4.65
4.65     YES                  NO
 L0000795         0   0.15361E-02  371072.5 3809657.9   493.1     5.00     4.65
4.65     YES                  NO
 L0000796         0   0.15361E-02  371069.0 3809648.5   494.1     5.00     4.65
4.65     YES                  NO
 L0000797         0   0.15361E-02  371061.1 3809644.7   493.8     5.00     4.65
4.65     YES                  NO
 L0000798         0   0.15361E-02  371051.2 3809643.6   493.1     5.00     4.65
4.65     YES                  NO
 L0000799         0   0.15361E-02  371041.3 3809642.4   492.9     5.00     4.65
4.65     YES                  NO
 L0000800         0   0.15361E-02  371041.3 3809632.6   493.0     5.00     4.65
4.65     YES                  NO
 L0000801         0   0.15361E-02  371041.6 3809622.6   493.1     5.00     4.65
4.65     YES                  NO
 L0000802         0   0.15361E-02  371041.8 3809612.6   493.2     5.00     4.65
4.65     YES                  NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000812	0	0.15361E-02	371044.1	3809512.6	496.6	5.00	4.65	4.65	YES	NO	
L0000813	0	0.15361E-02	371044.4	3809502.6	496.9	5.00	4.65	4.65	YES	NO	
L0000814	0	0.15361E-02	371044.6	3809492.6	497.2	5.00	4.65	4.65	YES	NO	
L0000815	0	0.15361E-02	371044.8	3809482.7	497.5	5.00	4.65	4.65	YES	NO	
L0000816	0	0.15361E-02	371045.1	3809472.7	497.8	5.00	4.65	4.65	YES	NO	
L0000817	0	0.15361E-02	371045.3	3809462.7	498.0	5.00	4.65	4.65	YES	NO	

L0000818	0	0.15361E-02	371045.5	3809452.7	498.2	5.00	4.65	
4.65	YES		NO					
L0000819	0	0.15361E-02	371045.8	3809442.7	498.3	5.00	4.65	
4.65	YES		NO					
L0000820	0	0.15361E-02	371046.0	3809432.7	498.4	5.00	4.65	
4.65	YES		NO					
L0000821	0	0.15361E-02	371046.3	3809422.7	498.4	5.00	4.65	
4.65	YES		NO					
L0000822	0	0.15361E-02	371049.2	3809413.1	498.4	5.00	4.65	
4.65	YES		NO					
L0000823	0	0.15361E-02	371056.2	3809407.5	498.4	5.00	4.65	
4.65	YES		NO					
L0000824	0	0.15361E-02	371065.7	3809404.4	498.2	5.00	4.65	
4.65	YES		NO					
L0000825	0	0.15361E-02	371075.2	3809401.2	498.0	5.00	4.65	
4.65	YES		NO					
L0000826	0	0.15361E-02	371084.7	3809398.0	497.8	5.00	4.65	
4.65	YES		NO					
L0000827	0	0.15361E-02	371087.2	3809404.2	497.7	5.00	4.65	
4.65	YES		NO					
L0000828	0	0.15361E-02	371086.7	3809414.2	497.7	5.00	4.65	
4.65	YES		NO					
L0000829	0	0.15361E-02	371086.3	3809424.1	497.6	5.00	4.65	
4.65	YES		NO					
L0000830	0	0.15361E-02	371085.8	3809434.1	497.5	5.00	4.65	
4.65	YES		NO					
L0000831	0	0.15361E-02	371085.4	3809444.1	497.5	5.00	4.65	
4.65	YES		NO					
L0000832	0	0.15361E-02	371085.0	3809454.1	497.4	5.00	4.65	
4.65	YES		NO					
L0000833	0	0.15361E-02	371084.5	3809464.1	497.2	5.00	4.65	
4.65	YES		NO					
L0000834	0	0.15361E-02	371084.1	3809474.1	497.0	5.00	4.65	
4.65	YES		NO					
L0000835	0	0.15361E-02	371083.7	3809484.1	496.8	5.00	4.65	
4.65	YES		NO					
L0000836	0	0.15361E-02	371083.2	3809494.1	496.5	5.00	4.65	
4.65	YES		NO					
L0000837	0	0.15361E-02	371082.8	3809504.1	496.2	5.00	4.65	
4.65	YES		NO					
L0000838	0	0.15361E-02	371082.3	3809514.1	496.0	5.00	4.65	
4.65	YES		NO					
L0000839	0	0.15361E-02	371081.9	3809524.0	495.7	5.00	4.65	
4.65	YES		NO					
L0000840	0	0.15361E-02	371081.5	3809534.0	495.4	5.00	4.65	
4.65	YES		NO					
L0000841	0	0.15361E-02	371081.0	3809544.0	495.1	5.00	4.65	
4.65	YES		NO					
L0000842	0	0.15361E-02	371080.6	3809554.0	494.9	5.00	4.65	
4.65	YES		NO					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000852	0	0.15361E-02	370552.5	3809476.1	496.8	5.00	4.65	4.65	YES	NO	
L0000853	0	0.15361E-02	370560.9	3809481.4	496.9	5.00	4.65	4.65	YES	NO	
L0000854	0	0.15361E-02	370569.4	3809486.7	496.9	5.00	4.65	4.65	YES	NO	
L0000855	0	0.15361E-02	370577.9	3809492.0	497.1	5.00	4.65	4.65	YES	NO	
L0000856	0	0.15361E-02	370586.2	3809497.4	497.2	5.00	4.65	4.65	YES	NO	
L0000857	0	0.15361E-02	370584.1	3809507.2	497.1	5.00	4.65	4.65	YES	NO	

L0000858	0	0.15361E-02	370582.1	3809517.0	496.9	5.00	4.65	
4.65	YES		NO					
L0000859	0	0.15361E-02	370580.1	3809526.8	496.7	5.00	4.65	
4.65	YES		NO					
L0000860	0	0.15361E-02	370578.1	3809536.6	496.5	5.00	4.65	
4.65	YES		NO					
L0000861	0	0.15361E-02	370576.0	3809546.4	496.3	5.00	4.65	
4.65	YES		NO					
L0000862	0	0.15361E-02	370574.0	3809556.2	496.0	5.00	4.65	
4.65	YES		NO					
L0000863	0	0.15361E-02	370572.0	3809566.0	495.8	5.00	4.65	
4.65	YES		NO					
L0000864	0	0.15361E-02	370570.0	3809575.7	495.6	5.00	4.65	
4.65	YES		NO					
L0000865	0	0.15361E-02	370567.9	3809585.5	495.3	5.00	4.65	
4.65	YES		NO					
L0000866	0	0.15361E-02	370565.9	3809595.3	495.0	5.00	4.65	
4.65	YES		NO					
L0000867	0	0.15361E-02	370563.9	3809605.1	494.7	5.00	4.65	
4.65	YES		NO					
L0000868	0	0.15361E-02	370561.8	3809614.9	494.4	5.00	4.65	
4.65	YES		NO					
L0000869	0	0.15361E-02	370559.8	3809624.7	494.3	5.00	4.65	
4.65	YES		NO					
L0000870	0	0.15361E-02	370557.8	3809634.5	494.1	5.00	4.65	
4.65	YES		NO					
L0000871	0	0.15361E-02	370555.8	3809644.3	493.9	5.00	4.65	
4.65	YES		NO					
L0000872	0	0.15361E-02	370565.2	3809644.9	493.9	5.00	4.65	
4.65	YES		NO					
L0000873	0	0.15361E-02	370575.2	3809645.1	494.0	5.00	4.65	
4.65	YES		NO					
L0000874	0	0.15361E-02	370585.2	3809645.2	494.1	5.00	4.65	
4.65	YES		NO					
L0000875	0	0.15361E-02	370595.2	3809645.4	494.2	5.00	4.65	
4.65	YES		NO					
L0000876	0	0.15361E-02	370597.1	3809652.5	494.0	5.00	4.65	
4.65	YES		NO					
L0000877	0	0.15361E-02	370595.7	3809662.4	493.6	5.00	4.65	
4.65	YES		NO					
L0000878	0	0.15361E-02	370594.3	3809672.3	493.2	5.00	4.65	
4.65	YES		NO					
L0000879	0	0.15361E-02	370592.9	3809682.2	493.0	5.00	4.65	
4.65	YES		NO					
L0000880	0	0.15361E-02	370591.5	3809692.1	492.9	5.00	4.65	
4.65	YES		NO					
L0000881	0	0.15361E-02	370586.4	3809696.2	492.7	5.00	4.65	
4.65	YES		NO					
L0000882	0	0.15361E-02	370577.0	3809693.0	492.6	5.00	4.65	
4.65	YES		NO					

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000892	0	0.15361E-02	370482.0	3809661.6	493.0	5.00	4.65	4.65	YES	NO	
L0000893	0	0.15361E-02	370472.5	3809658.4	492.8	5.00	4.65	4.65	YES	NO	
L0000894	0	0.15361E-02	370463.0	3809655.3	493.1	5.00	4.65	4.65	YES	NO	
L0000895	0	0.15361E-02	370453.5	3809652.2	493.8	5.00	4.65	4.65	YES	NO	
L0000896	0	0.15361E-02	370443.9	3809649.4	494.8	5.00	4.65	4.65	YES	NO	
L0000897	0	0.15361E-02	370434.3	3809646.7	496.9	5.00	4.65	4.65	YES	NO	

L0000898	0	0.15361E-02	370424.7	3809643.9	499.4	5.00	4.65	
4.65	YES	NO						
L0000899	0	0.15361E-02	370415.1	3809641.1	500.6	5.00	4.65	
4.65	YES	NO						
L0000900	0	0.15361E-02	370405.5	3809638.3	497.1	5.00	4.65	
4.65	YES	NO						
L0000901	0	0.15361E-02	370395.9	3809635.6	494.0	5.00	4.65	
4.65	YES	NO						
L0000902	0	0.15361E-02	370389.9	3809628.1	492.4	5.00	4.65	
4.65	YES	NO						
L0000903	0	0.15361E-02	370385.4	3809619.5	492.1	5.00	4.65	
4.65	YES	NO						
L0000904	0	0.15361E-02	370389.4	3809610.3	492.1	5.00	4.65	
4.65	YES	NO						
L0000905	0	0.15361E-02	370393.3	3809601.1	492.6	5.00	4.65	
4.65	YES	NO						
L0000906	0	0.15361E-02	370397.3	3809591.9	492.9	5.00	4.65	
4.65	YES	NO						
L0000907	0	0.15361E-02	370401.2	3809582.7	492.9	5.00	4.65	
4.65	YES	NO						
L0000908	0	0.15361E-02	370405.2	3809573.5	493.0	5.00	4.65	
4.65	YES	NO						
L0000909	0	0.15361E-02	370410.1	3809565.1	493.1	5.00	4.65	
4.65	YES	NO						
L0000910	0	0.15361E-02	370418.0	3809559.0	493.5	5.00	4.65	
4.65	YES	NO						
L0000911	0	0.15361E-02	370425.9	3809552.9	493.9	5.00	4.65	
4.65	YES	NO						
L0000912	0	0.15361E-02	370433.9	3809546.8	494.0	5.00	4.65	
4.65	YES	NO						
L0000913	0	0.15361E-02	370441.8	3809540.7	494.5	5.00	4.65	
4.65	YES	NO						
L0000914	0	0.15361E-02	370449.7	3809534.6	495.8	5.00	4.65	
4.65	YES	NO						
L0000915	0	0.15361E-02	370457.6	3809528.5	496.2	5.00	4.65	
4.65	YES	NO						
L0000916	0	0.15361E-02	370465.5	3809522.4	495.7	5.00	4.65	
4.65	YES	NO						
L0000917	0	0.15361E-02	370473.5	3809516.3	495.4	5.00	4.65	
4.65	YES	NO						
L0000918	0	0.15361E-02	370481.4	3809510.2	495.8	5.00	4.65	
4.65	YES	NO						
L0000919	0	0.15361E-02	370490.3	3809505.6	496.1	5.00	4.65	
4.65	YES	NO						
L0000920	0	0.15361E-02	370499.3	3809501.4	496.0	5.00	4.65	
4.65	YES	NO						
L0000921	0	0.15361E-02	370508.4	3809497.1	495.9	5.00	4.65	
4.65	YES	NO						
L0000922	0	0.15361E-02	370517.4	3809492.9	495.9	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000932	0	0.15361E-02	370561.6	3809542.9	496.2	5.00	4.65	4.65	YES	NO	
L0000933	0	0.15361E-02	370559.5	3809552.7	495.9	5.00	4.65	4.65	YES	NO	
L0000934	0	0.15361E-02	370557.3	3809562.4	495.7	5.00	4.65	4.65	YES	NO	
L0000935	0	0.15361E-02	370555.2	3809572.2	495.5	5.00	4.65	4.65	YES	NO	
L0000936	0	0.15361E-02	370553.0	3809582.0	495.3	5.00	4.65	4.65	YES	NO	
L0000937	0	0.15361E-02	370550.9	3809591.7	495.0	5.00	4.65	4.65	YES	NO	

L0000938	0	0.15361E-02	370548.8	3809601.5	494.7	5.00	4.65	
4.65	YES		NO					
L0000939	0	0.15361E-02	370546.6	3809611.3	494.4	5.00	4.65	
4.65	YES		NO					
L0000940	0	0.15361E-02	370544.5	3809621.0	494.2	5.00	4.65	
4.65	YES		NO					
L0000941	0	0.15361E-02	370542.3	3809630.8	494.1	5.00	4.65	
4.65	YES		NO					
L0000942	0	0.15361E-02	370540.2	3809640.6	493.9	5.00	4.65	
4.65	YES		NO					
L0000943	0	0.15361E-02	370536.9	3809650.0	493.5	5.00	4.65	
4.65	YES		NO					
L0000944	0	0.15361E-02	370544.7	3809652.4	493.4	5.00	4.65	
4.65	YES		NO					
L0000945	0	0.15361E-02	370554.6	3809653.6	493.4	5.00	4.65	
4.65	YES		NO					
L0000946	0	0.15361E-02	370564.6	3809654.7	493.4	5.00	4.65	
4.65	YES		NO					
L0000947	0	0.15361E-02	370574.5	3809655.9	493.4	5.00	4.65	
4.65	YES		NO					
L0000948	0	0.15361E-02	370584.4	3809657.1	493.6	5.00	4.65	
4.65	YES		NO					
L0000949	0	0.15361E-02	370584.5	3809664.4	493.2	5.00	4.65	
4.65	YES		NO					
L0000950	0	0.15361E-02	370581.1	3809673.8	492.8	5.00	4.65	
4.65	YES		NO					
L0000951	0	0.15361E-02	370575.9	3809679.6	492.6	5.00	4.65	
4.65	YES		NO					
L0000952	0	0.15361E-02	370566.4	3809676.7	492.5	5.00	4.65	
4.65	YES		NO					
L0000953	0	0.15361E-02	370556.8	3809673.8	492.5	5.00	4.65	
4.65	YES		NO					
L0000954	0	0.15361E-02	370547.2	3809670.8	492.6	5.00	4.65	
4.65	YES		NO					
L0000955	0	0.15361E-02	370537.7	3809667.9	492.7	5.00	4.65	
4.65	YES		NO					
L0000956	0	0.15361E-02	370528.1	3809665.0	492.9	5.00	4.65	
4.65	YES		NO					
L0000957	0	0.15361E-02	370518.5	3809662.1	493.0	5.00	4.65	
4.65	YES		NO					
L0000958	0	0.15361E-02	370509.0	3809659.2	493.2	5.00	4.65	
4.65	YES		NO					
L0000959	0	0.15361E-02	370499.4	3809656.3	493.3	5.00	4.65	
4.65	YES		NO					
L0000960	0	0.15361E-02	370489.8	3809653.4	493.3	5.00	4.65	
4.65	YES		NO					
L0000961	0	0.15361E-02	370480.3	3809650.4	493.2	5.00	4.65	
4.65	YES		NO					
L0000962	0	0.15361E-02	370470.7	3809647.5	493.1	5.00	4.65	
4.65	YES		NO					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000963	0	0.15361E-02	370461.1	3809644.6	493.7	5.00	4.65	4.65	YES	NO	
L0000964	0	0.15361E-02	370451.6	3809641.7	495.0	5.00	4.65	4.65	YES	NO	
L0000965	0	0.15361E-02	370442.0	3809638.8	496.9	5.00	4.65	4.65	YES	NO	
L0000966	0	0.15361E-02	370432.5	3809635.9	498.6	5.00	4.65	4.65	YES	NO	
L0000967	0	0.15361E-02	370422.9	3809633.0	499.4	5.00	4.65	4.65	YES	NO	
L0000968	0	0.15361E-02	370413.3	3809630.0	498.4	5.00	4.65	4.65	YES	NO	
L0000969	0	0.15361E-02	370405.7	3809626.1	495.9	5.00	4.65	4.65	YES	NO	
L0000970	0	0.15361E-02	370408.9	3809616.6	495.6	5.00	4.65	4.65	YES	NO	
L0000971	0	0.15361E-02	370412.1	3809607.2	495.1	5.00	4.65	4.65	YES	NO	
L0000972	0	0.15361E-02	370415.4	3809597.7	494.6	5.00	4.65	4.65	YES	NO	
L0000973	0	0.15361E-02	370418.6	3809588.2	494.4	5.00	4.65	4.65	YES	NO	
L0000974	0	0.15361E-02	370422.0	3809578.9	494.5	5.00	4.65	4.65	YES	NO	
L0000975	0	0.15361E-02	370429.6	3809572.5	495.9	5.00	4.65	4.65	YES	NO	
L0000976	0	0.15361E-02	370437.3	3809566.1	496.4	5.00	4.65	4.65	YES	NO	
L0000977	0	0.15361E-02	370445.0	3809559.7	496.9	5.00	4.65	4.65	YES	NO	

L0000978	0	0.15361E-02	370452.5	3809553.1	498.0	5.00	4.65	
4.65	YES		NO					
L0000979	0	0.15361E-02	370459.9	3809546.3	499.2	5.00	4.65	
4.65	YES		NO					
L0000980	0	0.15361E-02	370467.3	3809539.6	499.5	5.00	4.65	
4.65	YES		NO					
L0000981	0	0.15361E-02	370474.7	3809532.9	498.3	5.00	4.65	
4.65	YES		NO					
L0000982	0	0.15361E-02	370482.1	3809526.1	497.2	5.00	4.65	
4.65	YES		NO					
L0000983	0	0.15361E-02	370490.9	3809521.5	496.8	5.00	4.65	
4.65	YES		NO					
L0000984	0	0.15361E-02	370499.8	3809517.0	496.1	5.00	4.65	
4.65	YES		NO					
L0000985	0	0.15361E-02	370508.9	3809512.8	495.9	5.00	4.65	
4.65	YES		NO					
L0000986	0	0.15361E-02	370518.0	3809508.7	495.8	5.00	4.65	
4.65	YES		NO					
L0000987	0	0.15361E-02	370527.0	3809504.3	496.0	5.00	4.65	
4.65	YES		NO					
L0000988	0	0.15361E-02	370536.1	3809501.9	496.2	5.00	4.65	
4.65	YES		NO					
L0000989	0	0.15361E-02	370545.2	3809505.9	496.4	5.00	4.65	
4.65	YES		NO					
L0000990	0	0.15361E-02	370554.1	3809510.1	496.5	5.00	4.65	
4.65	YES		NO					
L0000991	0	0.15361E-02	370552.0	3809519.9	496.4	5.00	4.65	
4.65	YES		NO					
L0000992	0	0.15361E-02	370549.8	3809529.6	496.2	5.00	4.65	
4.65	YES		NO					
L0000993	0	0.15361E-02	370547.6	3809539.4	496.0	5.00	4.65	
4.65	YES		NO					
L0000994	0	0.15361E-02	370545.4	3809549.1	495.8	5.00	4.65	
4.65	YES		NO					
L0000995	0	0.15361E-02	370543.3	3809558.9	495.6	5.00	4.65	
4.65	YES		NO					
L0000996	0	0.15361E-02	370541.1	3809568.7	495.4	5.00	4.65	
4.65	YES		NO					
L0000997	0	0.15361E-02	370538.9	3809578.4	495.2	5.00	4.65	
4.65	YES		NO					
L0000998	0	0.15361E-02	370536.7	3809588.2	495.0	5.00	4.65	
4.65	YES		NO					
L0000999	0	0.15361E-02	370534.6	3809597.9	494.8	5.00	4.65	
4.65	YES		NO					
L0001000	0	0.15361E-02	370532.4	3809607.7	494.6	5.00	4.65	
4.65	YES		NO					
L0001001	0	0.15361E-02	370530.2	3809617.5	494.4	5.00	4.65	
4.65	YES		NO					
L0001002	0	0.15361E-02	370528.0	3809627.2	494.2	5.00	4.65	
4.65	YES		NO					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001012	0	0.15361E-02	370445.9	3809630.0	498.5	5.00	4.65	4.65	YES	NO	
L0001013	0	0.15361E-02	370436.1	3809627.6	499.7	5.00	4.65	4.65	YES	NO	
L0001014	0	0.15361E-02	370426.4	3809625.2	499.2	5.00	4.65	4.65	YES	NO	
L0001015	0	0.15361E-02	370422.6	3809619.9	498.6	5.00	4.65	4.65	YES	NO	
L0001016	0	0.15361E-02	370426.5	3809610.7	499.2	5.00	4.65	4.65	YES	NO	
L0001017	0	0.15361E-02	370430.4	3809601.5	499.3	5.00	4.65	4.65	YES	NO	

L0001018	0	0.15361E-02	370434.3	3809592.3	499.3	5.00	4.65	
4.65	YES	NO						
L0001019	0	0.15361E-02	370438.5	3809583.3	499.3	5.00	4.65	
4.65	YES	NO						
L0001020	0	0.15361E-02	370446.3	3809577.1	500.1	5.00	4.65	
4.65	YES	NO						
L0001021	0	0.15361E-02	370454.2	3809571.0	500.9	5.00	4.65	
4.65	YES	NO						
L0001022	0	0.15361E-02	370462.1	3809564.9	502.1	5.00	4.65	
4.65	YES	NO						
L0001023	0	0.15361E-02	370470.0	3809558.7	502.3	5.00	4.65	
4.65	YES	NO						
L0001024	0	0.15361E-02	370477.9	3809552.6	501.8	5.00	4.65	
4.65	YES	NO						
L0001025	0	0.15361E-02	370485.8	3809546.4	501.3	5.00	4.65	
4.65	YES	NO						
L0001026	0	0.15361E-02	370493.7	3809540.3	500.0	5.00	4.65	
4.65	YES	NO						
L0001027	0	0.15361E-02	370501.6	3809534.1	498.1	5.00	4.65	
4.65	YES	NO						
L0001028	0	0.15361E-02	370509.5	3809528.0	496.7	5.00	4.65	
4.65	YES	NO						
L0001029	0	0.15361E-02	370517.6	3809522.2	495.9	5.00	4.65	
4.65	YES	NO						
L0001030	0	0.15361E-02	370526.5	3809517.6	496.0	5.00	4.65	
4.65	YES	NO						
L0001031	0	0.15361E-02	370535.3	3809515.8	496.1	5.00	4.65	
4.65	YES	NO						
L0001032	0	0.15361E-02	370536.7	3809523.5	496.1	5.00	4.65	
4.65	YES	NO						
L0001033	0	0.15361E-02	370533.9	3809533.1	496.2	5.00	4.65	
4.65	YES	NO						
L0001034	0	0.15361E-02	370531.0	3809542.7	496.3	5.00	4.65	
4.65	YES	NO						
L0001035	0	0.15361E-02	370528.2	3809552.3	496.4	5.00	4.65	
4.65	YES	NO						
L0001036	0	0.15361E-02	370525.3	3809561.9	496.0	5.00	4.65	
4.65	YES	NO						
L0001037	0	0.15361E-02	370522.5	3809571.4	495.5	5.00	4.65	
4.65	YES	NO						
L0001038	0	0.15361E-02	370519.6	3809581.0	495.0	5.00	4.65	
4.65	YES	NO						
L0001039	0	0.15361E-02	370516.8	3809590.6	494.9	5.00	4.65	
4.65	YES	NO						
L0001040	0	0.15361E-02	370513.9	3809600.2	494.7	5.00	4.65	
4.65	YES	NO						
L0001041	0	0.15361E-02	370511.1	3809609.8	494.4	5.00	4.65	
4.65	YES	NO						
L0001042	0	0.15361E-02	370508.2	3809619.4	494.1	5.00	4.65	
4.65	YES	NO						

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 L0001043         0   0.15361E-02  370504.9 3809628.7   493.9     5.00     4.65
4.65     YES                     NO
 L0001044         0   0.15361E-02  370496.4 3809629.5   493.8     5.00     4.65
4.65     YES                     NO
 L0001045         0   0.15361E-02  370486.7 3809626.9   493.9     5.00     4.65
4.65     YES                     NO
 L0001046         0   0.15361E-02  370477.1 3809624.2   494.4     5.00     4.65
4.65     YES                     NO
 L0001047         0   0.15361E-02  370467.5 3809621.5   495.1     5.00     4.65
4.65     YES                     NO
 L0001048         0   0.15361E-02  370457.8 3809618.9   497.9     5.00     4.65
4.65     YES                     NO
 L0001049         0   0.15361E-02  370448.2 3809616.2   501.1     5.00     4.65
4.65     YES                     NO
 L0001050         0   0.15361E-02  370448.6 3809608.1   501.8     5.00     4.65
4.65     YES                     NO
 L0001051         0   0.15361E-02  370451.5 3809598.5   501.3     5.00     4.65
4.65     YES                     NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001052         0   0.15361E-02  370456.5 3809590.1   501.7     5.00     4.65
4.65     YES                     NO
 L0001053         0   0.15361E-02  370463.1 3809582.6   503.7     5.00     4.65
4.65     YES                     NO
 L0001054         0   0.15361E-02  370469.8 3809575.2   503.4     5.00     4.65
4.65     YES                     NO
 L0001055         0   0.15361E-02  370477.4 3809568.8   501.5     5.00     4.65
4.65     YES                     NO
 L0001056         0   0.15361E-02  370485.4 3809562.8   500.5     5.00     4.65
4.65     YES                     NO
 L0001057         0   0.15361E-02  370493.4 3809556.8   500.5     5.00     4.65
4.65     YES                     NO
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 L0001058         0   0.15361E-02  370501.4 3809550.8   500.0     5.00     4.65
4.65     YES                  NO
 L0001059         0   0.15361E-02  370508.5 3809543.7   498.2     5.00     4.65
4.65     YES                  NO
 L0001060         0   0.15361E-02  370515.5 3809536.6   496.8     5.00     4.65
4.65     YES                  NO
 L0001061         0   0.15361E-02  370523.3 3809536.5   496.4     5.00     4.65
4.65     YES                  NO
 L0001062         0   0.15361E-02  370520.2 3809546.0   496.8     5.00     4.65
4.65     YES                  NO
 L0001063         0   0.15361E-02  370517.2 3809555.5   496.7     5.00     4.65
4.65     YES                  NO
 L0001064         0   0.15361E-02  370514.2 3809565.1   496.4     5.00     4.65
4.65     YES                  NO
 L0001065         0   0.15361E-02  370511.1 3809574.6   495.9     5.00     4.65
4.65     YES                  NO
 L0001066         0   0.15361E-02  370508.1 3809584.1   495.4     5.00     4.65
4.65     YES                  NO
 L0001067         0   0.15361E-02  370505.1 3809593.7   495.1     5.00     4.65
4.65     YES                  NO
 L0001068         0   0.15361E-02  370502.1 3809603.2   494.6     5.00     4.65
4.65     YES                  NO
 L0001069         0   0.15361E-02  370499.0 3809612.7   494.0     5.00     4.65
4.65     YES                  NO
 L0001070         0   0.15361E-02  370490.7 3809613.6   493.9     5.00     4.65
4.65     YES                  NO
 L0001071         0   0.15361E-02  370480.9 3809611.8   494.8     5.00     4.65
4.65     YES                  NO
 L0001072         0   0.15361E-02  370471.1 3809610.0   496.1     5.00     4.65
4.65     YES                  NO
 L0001073         0   0.15361E-02  370474.0 3809603.0   497.4     5.00     4.65
4.65     YES                  NO
 L0001074         0   0.15361E-02  370482.4 3809600.0   496.6     5.00     4.65
4.65     YES                  NO
 L0001075         0   0.15361E-02  370411.1 3809758.6   489.6     5.00     4.65
4.65     YES                  NO
 L0001076         0   0.15361E-02  370415.4 3809749.6   489.9     5.00     4.65
4.65     YES                  NO
 L0001077         0   0.15361E-02  370419.7 3809740.6   490.2     5.00     4.65
4.65     YES                  NO
 L0001078         0   0.15361E-02  370424.1 3809731.5   490.4     5.00     4.65
4.65     YES                  NO
 L0001079         0   0.15361E-02  370428.4 3809722.5   490.5     5.00     4.65
4.65     YES                  NO
 L0001080         0   0.15361E-02  370432.7 3809713.5   490.7     5.00     4.65
4.65     YES                  NO
 L0001081         0   0.15361E-02  370440.2 3809707.3   490.9     5.00     4.65
4.65     YES                  NO
 L0001082         0   0.15361E-02  370449.1 3809705.6   491.1     5.00     4.65
4.65     YES                  NO
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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- -

L0001098	0	0.15361E-02	370602.5	3809751.2	491.7	5.00	4.65	
4.65	YES	NO						
L0001099	0	0.15361E-02	370612.1	3809754.1	491.7	5.00	4.65	
4.65	YES	NO						
L0001100	0	0.15361E-02	370621.7	3809756.9	491.7	5.00	4.65	
4.65	YES	NO						
L0001101	0	0.15361E-02	370624.3	3809764.5	491.5	5.00	4.65	
4.65	YES	NO						
L0001102	0	0.15361E-02	370623.3	3809774.4	491.2	5.00	4.65	
4.65	YES	NO						
L0001103	0	0.15361E-02	370622.4	3809784.4	490.9	5.00	4.65	
4.65	YES	NO						
L0001104	0	0.15361E-02	370621.4	3809794.3	490.6	5.00	4.65	
4.65	YES	NO						
L0001105	0	0.15361E-02	370620.5	3809804.3	490.4	5.00	4.65	
4.65	YES	NO						
L0001106	0	0.15361E-02	370619.5	3809814.2	490.1	5.00	4.65	
4.65	YES	NO						
L0001107	0	0.15361E-02	370618.6	3809824.2	489.8	5.00	4.65	
4.65	YES	NO						
L0001108	0	0.15361E-02	370617.6	3809834.1	489.6	5.00	4.65	
4.65	YES	NO						
L0001109	0	0.15361E-02	370614.9	3809843.7	489.2	5.00	4.65	
4.65	YES	NO						
L0001110	0	0.15361E-02	370611.9	3809853.3	488.9	5.00	4.65	
4.65	YES	NO						
L0001111	0	0.15361E-02	370609.0	3809862.8	488.7	5.00	4.65	
4.65	YES	NO						
L0001112	0	0.15361E-02	370606.0	3809872.4	488.4	5.00	4.65	
4.65	YES	NO						
L0001113	0	0.15361E-02	370600.5	3809878.7	488.1	5.00	4.65	
4.65	YES	NO						
L0001114	0	0.15361E-02	370590.5	3809879.1	488.0	5.00	4.65	
4.65	YES	NO						
L0001115	0	0.15361E-02	370580.6	3809879.4	488.0	5.00	4.65	
4.65	YES	NO						
L0001116	0	0.15361E-02	370570.6	3809879.8	487.9	5.00	4.65	
4.65	YES	NO						
L0001117	0	0.15361E-02	370560.6	3809880.2	487.9	5.00	4.65	
4.65	YES	NO						
L0001118	0	0.15361E-02	370550.6	3809880.6	487.9	5.00	4.65	
4.65	YES	NO						
L0001119	0	0.15361E-02	370540.6	3809880.9	487.9	5.00	4.65	
4.65	YES	NO						
L0001120	0	0.15361E-02	370530.6	3809881.3	487.8	5.00	4.65	
4.65	YES	NO						
L0001121	0	0.15361E-02	370520.6	3809881.7	487.8	5.00	4.65	
4.65	YES	NO						
L0001122	0	0.15361E-02	370510.6	3809882.1	487.6	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001132	0	0.15361E-02	370449.0	3809831.8	488.2	5.00	4.65	4.65	YES	NO	
L0001133	0	0.15361E-02	370453.6	3809823.0	488.5	5.00	4.65	4.65	YES	NO	
L0001134	0	0.15361E-02	370456.2	3809813.4	488.7	5.00	4.65	4.65	YES	NO	
L0001135	0	0.15361E-02	370458.8	3809803.7	489.0	5.00	4.65	4.65	YES	NO	
L0001136	0	0.15361E-02	370461.4	3809794.0	489.3	5.00	4.65	4.65	YES	NO	
L0001137	0	0.15361E-02	370464.0	3809784.4	489.7	5.00	4.65	4.65	YES	NO	

L0001138	0	0.15361E-02	370466.5	3809774.7	490.1	5.00	4.65	
4.65	YES	NO						
L0001139	0	0.15361E-02	370469.1	3809765.0	490.4	5.00	4.65	
4.65	YES	NO						
L0001140	0	0.15361E-02	370464.1	3809759.0	490.4	5.00	4.65	
4.65	YES	NO						
L0001141	0	0.15361E-02	370455.3	3809756.8	490.1	5.00	4.65	
4.65	YES	NO						
L0001142	0	0.15361E-02	370447.6	3809763.3	489.6	5.00	4.65	
4.65	YES	NO						
L0001143	0	0.15361E-02	370440.0	3809769.8	489.3	5.00	4.65	
4.65	YES	NO						
L0001144	0	0.15361E-02	370431.0	3809770.6	489.4	5.00	4.65	
4.65	YES	NO						
L0001145	0	0.15361E-02	370430.1	3809763.8	489.5	5.00	4.65	
4.65	YES	NO						
L0001146	0	0.15361E-02	370434.0	3809754.6	489.8	5.00	4.65	
4.65	YES	NO						
L0001147	0	0.15361E-02	370437.9	3809745.4	490.0	5.00	4.65	
4.65	YES	NO						
L0001148	0	0.15361E-02	370441.8	3809736.2	490.2	5.00	4.65	
4.65	YES	NO						
L0001149	0	0.15361E-02	370445.7	3809727.0	490.5	5.00	4.65	
4.65	YES	NO						
L0001150	0	0.15361E-02	370451.4	3809721.5	490.8	5.00	4.65	
4.65	YES	NO						
L0001151	0	0.15361E-02	370461.0	3809724.4	491.1	5.00	4.65	
4.65	YES	NO						
L0001152	0	0.15361E-02	370470.6	3809727.2	491.3	5.00	4.65	
4.65	YES	NO						
L0001153	0	0.15361E-02	370480.2	3809730.1	491.3	5.00	4.65	
4.65	YES	NO						
L0001154	0	0.15361E-02	370489.8	3809732.9	491.3	5.00	4.65	
4.65	YES	NO						
L0001155	0	0.15361E-02	370499.4	3809735.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001156	0	0.15361E-02	370508.9	3809738.6	491.0	5.00	4.65	
4.65	YES	NO						
L0001157	0	0.15361E-02	370518.5	3809741.4	490.9	5.00	4.65	
4.65	YES	NO						
L0001158	0	0.15361E-02	370528.1	3809744.2	491.0	5.00	4.65	
4.65	YES	NO						
L0001159	0	0.15361E-02	370537.7	3809747.1	491.1	5.00	4.65	
4.65	YES	NO						
L0001160	0	0.15361E-02	370547.3	3809749.9	491.2	5.00	4.65	
4.65	YES	NO						
L0001161	0	0.15361E-02	370556.9	3809752.8	491.2	5.00	4.65	
4.65	YES	NO						
L0001162	0	0.15361E-02	370566.5	3809755.6	491.3	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001172	0	0.15361E-02	370599.0	3809824.7	489.9	5.00	4.65	4.65	YES	NO	
L0001173	0	0.15361E-02	370597.6	3809834.6	489.5	5.00	4.65	4.65	YES	NO	
L0001174	0	0.15361E-02	370596.2	3809844.5	489.1	5.00	4.65	4.65	YES	NO	
L0001175	0	0.15361E-02	370594.8	3809854.4	488.7	5.00	4.65	4.65	YES	NO	
L0001176	0	0.15361E-02	370593.4	3809864.3	488.4	5.00	4.65	4.65	YES	NO	
L0001177	0	0.15361E-02	370591.3	3809873.3	488.2	5.00	4.65	4.65	YES	NO	

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 L0001178         0   0.15361E-02  370581.3 3809873.3   488.1     5.00     4.65
4.65     YES                  NO
 L0001179         0   0.15361E-02  370571.3 3809873.3   488.1     5.00     4.65
4.65     YES                  NO
 L0001180         0   0.15361E-02  370561.3 3809873.3   488.1     5.00     4.65
4.65     YES                  NO
 L0001181         0   0.15361E-02  370551.3 3809873.3   488.2     5.00     4.65
4.65     YES                  NO
 L0001182         0   0.15361E-02  370541.3 3809873.3   488.2     5.00     4.65
4.65     YES                  NO
 L0001183         0   0.15361E-02  370531.3 3809873.3   488.1     5.00     4.65
4.65     YES                  NO
 L0001184         0   0.15361E-02  370521.3 3809873.2   488.0     5.00     4.65
4.65     YES                  NO
 L0001185         0   0.15361E-02  370511.5 3809871.1   487.9     5.00     4.65
4.65     YES                  NO
 L0001186         0   0.15361E-02  370501.7 3809869.1   487.7     5.00     4.65
4.65     YES                  NO
 L0001187         0   0.15361E-02  370491.9 3809867.0   487.6     5.00     4.65
4.65     YES                  NO
 L0001188         0   0.15361E-02  370482.9 3809862.9   487.8     5.00     4.65
4.65     YES                  NO
 L0001189         0   0.15361E-02  370474.0 3809858.4   488.0     5.00     4.65
4.65     YES                  NO
 L0001190         0   0.15361E-02  370465.1 3809853.8   488.1     5.00     4.65
4.65     YES                  NO
 L0001191         0   0.15361E-02  370458.8 3809848.2   488.1     5.00     4.65
4.65     YES                  NO
 L0001192         0   0.15361E-02  370461.8 3809838.6   488.3     5.00     4.65
4.65     YES                  NO
 L0001193         0   0.15361E-02  370464.7 3809829.1   488.6     5.00     4.65
4.65     YES                  NO
 L0001194         0   0.15361E-02  370467.7 3809819.5   488.9     5.00     4.65
4.65     YES                  NO
 L0001195         0   0.15361E-02  370470.7 3809810.0   489.2     5.00     4.65
4.65     YES                  NO
 L0001196         0   0.15361E-02  370473.7 3809800.4   489.6     5.00     4.65
4.65     YES                  NO
 L0001197         0   0.15361E-02  370476.7 3809790.9   489.8     5.00     4.65
4.65     YES                  NO
 L0001198         0   0.15361E-02  370479.7 3809781.4   490.0     5.00     4.65
4.65     YES                  NO
 L0001199         0   0.15361E-02  370482.7 3809771.8   490.2     5.00     4.65
4.65     YES                  NO
 L0001200         0   0.15361E-02  370487.3 3809765.3   490.2     5.00     4.65
4.65     YES                  NO
 L0001201         0   0.15361E-02  370496.9 3809767.9   490.2     5.00     4.65
4.65     YES                  NO
 L0001202         0   0.15361E-02  370506.6 3809770.6   490.3     5.00     4.65
4.65     YES                  NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001212	0	0.15361E-02	370579.5	3809812.5	490.1	5.00	4.65	4.65	YES	NO	
L0001213	0	0.15361E-02	370578.2	3809822.4	489.8	5.00	4.65	4.65	YES	NO	
L0001214	0	0.15361E-02	370576.8	3809832.3	489.5	5.00	4.65	4.65	YES	NO	
L0001215	0	0.15361E-02	370575.4	3809842.2	489.1	5.00	4.65	4.65	YES	NO	
L0001216	0	0.15361E-02	370574.0	3809852.1	488.7	5.00	4.65	4.65	YES	NO	
L0001217	0	0.15361E-02	370571.5	3809860.7	488.4	5.00	4.65	4.65	YES	NO	

L0001218	0	0.15361E-02	370561.5	3809860.8	488.5	5.00	4.65	
4.65	YES	NO						
L0001219	0	0.15361E-02	370551.5	3809860.9	488.6	5.00	4.65	
4.65	YES	NO						
L0001220	0	0.15361E-02	370541.5	3809861.0	488.6	5.00	4.65	
4.65	YES	NO						
L0001221	0	0.15361E-02	370531.5	3809861.1	488.5	5.00	4.65	
4.65	YES	NO						
L0001222	0	0.15361E-02	370521.5	3809861.2	488.4	5.00	4.65	
4.65	YES	NO						
L0001223	0	0.15361E-02	370511.5	3809861.3	488.1	5.00	4.65	
4.65	YES	NO						
L0001224	0	0.15361E-02	370501.7	3809860.6	487.9	5.00	4.65	
4.65	YES	NO						
L0001225	0	0.15361E-02	370492.6	3809856.3	487.8	5.00	4.65	
4.65	YES	NO						
L0001226	0	0.15361E-02	370483.5	3809852.1	488.1	5.00	4.65	
4.65	YES	NO						
L0001227	0	0.15361E-02	370474.5	3809847.9	488.2	5.00	4.65	
4.65	YES	NO						
L0001228	0	0.15361E-02	370473.6	3809840.1	488.4	5.00	4.65	
4.65	YES	NO						
L0001229	0	0.15361E-02	370476.8	3809830.6	488.7	5.00	4.65	
4.65	YES	NO						
L0001230	0	0.15361E-02	370479.9	3809821.1	488.9	5.00	4.65	
4.65	YES	NO						
L0001231	0	0.15361E-02	370483.0	3809811.6	489.3	5.00	4.65	
4.65	YES	NO						
L0001232	0	0.15361E-02	370486.2	3809802.1	489.6	5.00	4.65	
4.65	YES	NO						
L0001233	0	0.15361E-02	370489.3	3809792.6	489.9	5.00	4.65	
4.65	YES	NO						
L0001234	0	0.15361E-02	370492.4	3809783.1	490.0	5.00	4.65	
4.65	YES	NO						
L0001235	0	0.15360E-02	370650.3	3809820.7	490.3	5.00	4.65	
4.65	YES	NO						
L0001236	0	0.15360E-02	370650.5	3809810.7	490.5	5.00	4.65	
4.65	YES	NO						
L0001237	0	0.15360E-02	370650.6	3809800.7	490.8	5.00	4.65	
4.65	YES	NO						
L0001238	0	0.15360E-02	370650.7	3809790.7	491.0	5.00	4.65	
4.65	YES	NO						
L0001239	0	0.15360E-02	370650.9	3809780.7	491.2	5.00	4.65	
4.65	YES	NO						
L0001240	0	0.15360E-02	370651.6	3809771.5	491.4	5.00	4.65	
4.65	YES	NO						
L0001241	0	0.15360E-02	370661.1	3809774.6	491.5	5.00	4.65	
4.65	YES	NO						
L0001242	0	0.15360E-02	370670.6	3809777.6	491.5	5.00	4.65	
4.65	YES	NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001252	0	0.15360E-02	370765.9	3809808.2	491.8	5.00	4.65	4.65	YES	NO	
L0001253	0	0.15360E-02	370770.0	3809813.6	491.7	5.00	4.65	4.65	YES	NO	
L0001254	0	0.15360E-02	370765.7	3809822.6	491.6	5.00	4.65	4.65	YES	NO	
L0001255	0	0.15360E-02	370757.2	3809821.4	491.6	5.00	4.65	4.65	YES	NO	
L0001256	0	0.15360E-02	370747.7	3809818.1	491.7	5.00	4.65	4.65	YES	NO	
L0001257	0	0.15360E-02	370738.3	3809814.8	491.6	5.00	4.65	4.65	YES	NO	

L0001258	0	0.15360E-02	370728.9	3809811.5	491.5	5.00	4.65	4.65
YES		NO						
L0001259	0	0.15360E-02	370719.4	3809808.2	491.3	5.00	4.65	4.65
YES		NO						
L0001260	0	0.15360E-02	370710.0	3809804.8	491.2	5.00	4.65	4.65
YES		NO						
L0001261	0	0.15360E-02	370700.6	3809801.5	491.1	5.00	4.65	4.65
YES		NO						
L0001262	0	0.15360E-02	370691.1	3809798.2	491.1	5.00	4.65	4.65
YES		NO						
L0001263	0	0.15360E-02	370681.7	3809794.9	491.0	5.00	4.65	4.65
YES		NO						
L0001264	0	0.15360E-02	370672.3	3809791.6	491.1	5.00	4.65	4.65
YES		NO						
L0001265	0	0.15360E-02	370662.8	3809788.2	491.1	5.00	4.65	4.65
YES		NO						
L0001266	0	0.15360E-02	370658.9	3809793.1	491.0	5.00	4.65	4.65
YES		NO						
L0001267	0	0.15360E-02	370658.5	3809803.1	490.7	5.00	4.65	4.65
YES		NO						
L0001268	0	0.15360E-02	370658.1	3809813.1	490.5	5.00	4.65	4.65
YES		NO						
L0001269	0	0.15360E-02	370658.8	3809822.2	490.3	5.00	4.65	4.65
YES		NO						
L0001270	0	0.15360E-02	370668.4	3809824.9	490.4	5.00	4.65	4.65
YES		NO						
L0001271	0	0.15360E-02	370678.1	3809827.5	490.7	5.00	4.65	4.65
YES		NO						
L0001272	0	0.15360E-02	370687.7	3809830.2	491.4	5.00	4.65	4.65
YES		NO						
L0001273	0	0.15360E-02	370697.3	3809832.8	492.4	5.00	4.65	4.65
YES		NO						
L0001274	0	0.15360E-02	370707.0	3809835.5	493.1	5.00	4.65	4.65
YES		NO						
L0001275	0	0.15360E-02	370716.6	3809838.1	493.3	5.00	4.65	4.65
YES		NO						
L0001276	0	0.15360E-02	370726.3	3809840.8	493.4	5.00	4.65	4.65
YES		NO						
L0001277	0	0.15360E-02	370732.8	3809845.0	493.9	5.00	4.65	4.65
YES		NO						
L0001278	0	0.15360E-02	370729.0	3809854.2	495.1	5.00	4.65	4.65
YES		NO						
L0001279	0	0.15360E-02	370725.3	3809863.5	496.3	5.00	4.65	4.65
YES		NO						
L0001280	0	0.15360E-02	370721.5	3809872.8	497.6	5.00	4.65	4.65
YES		NO						
L0001281	0	0.15360E-02	370715.0	3809877.0	498.1	5.00	4.65	4.65
YES		NO						
L0001282	0	0.15360E-02	370705.2	3809875.1	498.2	5.00	4.65	4.65
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001283	0	0.15360E-02	370695.4	3809873.3	497.7	5.00	4.65	4.65	YES	NO	
L0001284	0	0.15360E-02	370685.5	3809871.4	496.5	5.00	4.65	4.65	YES	NO	
L0001285	0	0.15360E-02	370675.7	3809869.6	495.0	5.00	4.65	4.65	YES	NO	
L0001286	0	0.15360E-02	370665.9	3809867.7	493.3	5.00	4.65	4.65	YES	NO	
L0001287	0	0.15360E-02	370656.3	3809865.7	491.7	5.00	4.65	4.65	YES	NO	
L0001288	0	0.15360E-02	370659.4	3809857.2	490.6	5.00	4.65	4.65	YES	NO	
L0001289	0	0.15360E-02	370669.1	3809859.5	492.1	5.00	4.65	4.65	YES	NO	
L0001290	0	0.15360E-02	370678.8	3809861.8	493.9	5.00	4.65	4.65	YES	NO	
L0001291	0	0.15360E-02	370688.6	3809864.2	495.9	5.00	4.65	4.65	YES	NO	
L0001292	0	0.15360E-02	370698.3	3809866.5	497.6	5.00	4.65	4.65	YES	NO	
L0001293	0	0.15360E-02	370708.0	3809868.8	497.7	5.00	4.65	4.65	YES	NO	
L0001294	0	0.15360E-02	370714.5	3809863.8	497.0	5.00	4.65	4.65	YES	NO	
L0001295	0	0.15360E-02	370719.3	3809855.1	495.8	5.00	4.65	4.65	YES	NO	
L0001296	0	0.15360E-02	370710.4	3809851.9	496.0	5.00	4.65	4.65	YES	NO	
L0001297	0	0.15360E-02	370700.8	3809848.9	496.1	5.00	4.65	4.65	YES	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
PHASE3	L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,

L0000721   , L0000722   , L0000723   ,

             L0000724   , L0000725   , L0000726   , L0000727   , L0000728   ,
L0000729   , L0000730   , L0000731   ,

             L0000732   , L0000733   , L0000734   , L0000735   , L0000736   ,
L0000737   , L0000738   , L0000739   ,

             L0000740   , L0000741   , L0000742   , L0000743   , L0000744   ,
L0000745   , L0000746   , L0000747   ,

             L0000748   , L0000749   , L0000750   , L0000751   , L0000752   ,
L0000753   , L0000754   , L0000755   ,

             L0000756   , L0000757   , L0000758   , L0000759   , L0000760   ,
L0000761   , L0000762   , L0000763   ,

             L0000764   , L0000765   , L0000766   , L0000767   , L0000768   ,
L0000769   , L0000770   , L0000771   ,

             L0000772   , L0000773   , L0000774   , L0000775   , L0000776   ,
L0000777   , L0000778   , L0000779   ,

             L0000780   , L0000781   , L0000782   , L0000783   , L0000784   ,
L0000785   , L0000786   , L0000787   ,

             L0000788   , L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   , L0000794   , L0000795   ,

             L0000796   , L0000797   , L0000798   , L0000799   , L0000800   ,
L0000801   , L0000802   , L0000803   ,

             L0000804   , L0000805   , L0000806   , L0000807   , L0000808   ,
L0000809   , L0000810   , L0000811   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000812   , L0000813   , L0000814   , L0000815   , L0000816   ,

L0000817 , L0000818 , L0000819 ,

L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,

L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,

L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 ,

L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 ,

L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 ,

L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 ,

L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 ,

L0000876 , L0000877 , L0000878 , L0000879 , L0000880 , L0000881 , L0000882 , L0000883 ,

L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 , L0000891 ,

L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 ,

L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 ,

L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 ,

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L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 ,

L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 ,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000988 , L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 ,
	L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
	L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 ,
	L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 ,
	L0001020 , L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 ,
	L0001028 , L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 ,
	L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 ,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
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Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

                                  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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L0000977    , L0000978    , L0000979    ,

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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

                                   PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
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             L0001292    , L0001293    , L0001294    , L0001295    , L0001296    ,
L0001297    , L0001298    , L0001299    ,

             L0001300    , L0001301    , L0001302    ,
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370980.6, 3809383.0, 500.7, 1482.1, 0.0); (370997.7, 3809383.0, 500.2, 1482.1, 0.0);
(371014.9, 3809383.0, 499.7, 1482.1, 0.0); (370980.6, 3809415.4, 500.1, 1482.1, 0.0);
(370997.7, 3809415.4, 499.8, 1482.1, 0.0); (371014.9, 3809415.4, 499.4, 1482.1, 0.0);
(370980.6, 3809447.8, 499.6, 1482.1, 0.0); (370997.7, 3809447.8, 499.5, 1482.1, 0.0);
(371014.9, 3809447.8, 499.2, 1482.1, 0.0); (370980.6, 3809480.1, 498.5, 1482.1, 0.0);
(370997.7, 3809480.1, 498.3, 1482.1, 0.0); (371014.9, 3809480.1, 498.1, 1482.1, 0.0);
(370980.6, 3809512.5, 497.5, 1482.1, 0.0); (370997.7, 3809512.5, 497.4, 1482.1, 0.0);
(371014.9, 3809512.5, 497.2, 1482.1, 0.0); (370980.6, 3809544.9, 496.8, 1482.1, 0.0);
(370997.7, 3809544.9, 496.4, 1482.1, 0.0); (371014.9, 3809544.9, 496.2, 1482.1, 0.0);
(370980.6, 3809577.3, 495.9, 1482.1, 0.0); (370997.7, 3809577.3, 495.6, 1482.1, 0.0);
(371014.9, 3809577.3, 495.2, 1482.1, 0.0); (370946.4, 3809609.7, 495.6, 1482.1, 0.0);
(370963.5, 3809609.7, 495.1, 1482.1, 0.0); (370980.6, 3809609.7, 494.5, 1482.1, 0.0);
(370997.7, 3809609.7, 494.2, 1482.1, 0.0); (371014.9, 3809609.7, 493.7, 1482.1, 0.0);
(370946.4, 3809642.1, 494.8, 1482.1, 0.0); (370963.5, 3809642.1, 494.2, 1482.1, 0.0);
(370980.6, 3809642.1, 493.6, 1482.1, 0.0); (370997.7, 3809642.1, 493.3, 1482.1, 0.0);
(370912.1, 3809674.5, 494.6, 1482.1, 0.0); (370929.3, 3809674.5, 494.3, 1482.1, 0.0);
(370946.4, 3809674.5, 494.0, 1482.1, 0.0); (370963.5, 3809674.5, 493.7, 1482.1, 0.0);
(370980.6, 3809674.5, 493.4, 1482.1, 0.0); (370997.7, 3809674.5, 493.3, 1482.1, 0.0);
(371014.9, 3809674.5, 493.0, 1482.1, 0.0); (370809.4, 3809706.9, 494.0, 1482.1, 0.0);
(370826.5, 3809706.9, 494.1, 1482.1, 0.0); (370843.7, 3809706.9, 494.2, 1482.1, 0.0);
(370860.8, 3809706.9, 494.2, 1482.1, 0.0); (370877.9,

```
3809706.9,     494.0,    1482.1,       0.0);
     ( 370895.0, 3809706.9,     493.9,    1482.1,       0.0);         ( 370912.1,
3809706.9,     493.7,    1482.1,       0.0);
     ( 370929.3, 3809706.9,     493.4,    1482.1,       0.0);         ( 370946.4,
3809706.9,     493.2,    1482.1,       0.0);
     ( 370963.5, 3809706.9,     493.0,    1482.1,       0.0);         ( 370980.6,
3809706.9,     492.7,    1482.1,       0.0);
     ( 370997.7, 3809706.9,     492.5,    1482.1,       0.0);         ( 371083.3,
3809706.9,     491.6,    1482.1,       0.0);
     ( 370809.4, 3809739.3,     493.2,    1482.1,       0.0);         ( 370826.5,
3809739.3,     493.2,    1482.1,       0.0);
     ( 370843.7, 3809739.3,     493.2,    1482.1,       0.0);         ( 370860.8,
3809739.3,     493.1,    1482.1,       0.0);
     ( 370877.9, 3809739.3,     493.0,    1482.1,       0.0);         ( 370895.0,
3809739.3,     493.0,    1482.1,       0.0);
     ( 370912.1, 3809739.3,     492.9,    1482.1,       0.0);         ( 370929.3,
3809739.3,     492.7,    1482.1,       0.0);
     ( 370946.4, 3809739.3,     492.4,    1482.1,       0.0);         ( 370963.5,
3809739.3,     492.2,    1482.1,       0.0);
     ( 371049.1, 3809739.3,     491.4,    1482.1,       0.0);         ( 371066.2,
3809739.3,     491.3,    1482.1,       0.0);
     ( 370809.4, 3809771.7,     492.2,    1482.1,       0.0);         ( 370826.5,
3809771.7,     492.2,    1482.1,       0.0);
     ( 370843.7, 3809771.7,     492.1,    1482.1,       0.0);         ( 370860.8,
3809771.7,     492.1,    1482.1,       0.0);
     ( 370877.9, 3809771.7,     492.2,    1482.1,       0.0);         ( 370895.0,
3809771.7,     492.1,    1482.1,       0.0);
     ( 370912.1, 3809771.7,     492.0,    1482.1,       0.0);         ( 370929.3,
3809771.7,     491.8,    1482.1,       0.0);
     ( 370946.4, 3809771.7,     491.6,    1482.1,       0.0);         ( 371032.0,
3809771.7,     490.8,    1482.1,       0.0);
     ( 371049.1, 3809771.7,     490.8,    1482.1,       0.0);         ( 371083.3,
3809771.7,     490.8,    1482.1,       0.0);
     ( 371100.5, 3809771.7,     490.8,    1482.1,       0.0);         ( 370877.9,
3809804.0,     491.1,    1482.1,       0.0);
     ( 370895.0, 3809804.0,     491.1,    1482.1,       0.0);         ( 370912.1,
3809804.0,     491.1,    1482.1,       0.0);
     ( 370929.3, 3809804.0,     490.9,    1482.1,       0.0);         ( 370946.4,
3809804.0,     490.8,    1482.1,       0.0);
     ( 370963.5, 3809804.0,     490.7,    1482.1,       0.0);         ( 370980.6,
3809804.0,     490.5,    1482.1,       0.0);
     ( 370997.7, 3809804.0,     490.5,    1482.1,       0.0);         ( 371014.9,
3809804.0,     490.4,    1482.1,       0.0);
     ( 371049.1, 3809804.0,     490.4,    1482.1,       0.0);         ( 371066.2,
3809804.0,     490.4,    1482.1,       0.0);
     ( 371083.3, 3809804.0,     490.5,    1482.1,       0.0);         ( 371100.5,
3809804.0,     490.5,    1482.1,       0.0);
     ( 370963.5, 3809836.4,     490.0,    1482.1,       0.0);         ( 370980.6,
3809836.4,     489.9,    1482.1,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(370997.7, 3809836.4, 489.9, 1482.1, 0.0); (371014.9, 3809836.4, 489.9, 1482.1, 0.0);
(371032.0, 3809836.4, 489.9, 1482.1, 0.0); (371049.1, 3809836.4, 490.1, 1482.1, 0.0);
(371066.2, 3809836.4, 490.2, 1482.1, 0.0); (371083.3, 3809836.4, 490.3, 1482.1, 0.0);
(371049.1, 3809868.8, 489.8, 1482.1, 0.0); (371066.2, 3809868.8, 489.9, 1482.1, 0.0);
(370912.1, 3809901.2, 488.5, 1482.1, 0.0); (370980.6, 3809901.2, 488.9, 1482.1, 0.0);
(370997.7, 3809901.2, 489.1, 1482.1, 0.0); (371014.9, 3809901.2, 489.3, 1482.1, 0.0);
(371032.0, 3809901.2, 489.6, 1482.1, 0.0); (371049.1, 3809901.2, 489.8, 1482.1, 0.0);
(371066.2, 3809901.2, 490.2, 1482.1, 0.0); (370895.0, 3809933.6, 487.8, 1482.1, 0.0);
(370912.1, 3809933.6, 487.8, 1482.1, 0.0); (370929.3, 3809933.6, 487.8, 1482.1, 0.0);
(370946.4, 3809933.6, 487.9, 1482.1, 0.0); (370963.5, 3809933.6, 488.2, 1482.1, 0.0);
(370980.6, 3809933.6, 488.4, 1482.1, 0.0); (370997.7, 3809933.6, 488.7, 1482.1, 0.0);
(371014.9, 3809933.6, 489.0, 1482.1, 0.0); (371049.1, 3809933.6, 489.9, 1482.1, 0.0);
(371066.2, 3809933.6, 490.3, 1482.1, 0.0); (371083.3, 3809933.6, 490.7, 1482.1, 0.0);
(371100.5, 3809933.6, 491.1, 1482.1, 0.0); (371014.9, 3809966.0, 489.0, 1482.1, 0.0);
(371032.0, 3809966.0, 489.7, 1482.1, 0.0); (371049.1, 3809966.0, 490.3, 1482.1, 0.0);
(370719.0, 3809370.3, 502.3, 1482.1, 0.0); (370736.7, 3809370.3, 502.4, 1482.1, 0.0);
(370754.3, 3809370.3, 502.5, 1482.1, 0.0); (370701.3, 3809388.7, 501.7, 1482.1, 0.0);
(370719.0, 3809388.7, 501.9, 1482.1, 0.0); (370736.7, 3809388.7, 501.9, 1482.1, 0.0);
(370754.3, 3809388.7, 502.0, 1482.1, 0.0); (370772.0, 3809388.7, 502.3, 1482.1, 0.0);
(370648.2, 3809407.0, 499.9, 1482.1, 0.0); (370665.9,

```
3809407.0,     500.4,    1482.1,       0.0);
     ( 370683.6, 3809407.0,     500.8,    1482.1,       0.0);         ( 370701.3,
3809407.0,     501.1,    1482.1,       0.0);
     ( 370719.0, 3809407.0,     501.2,    1482.1,       0.0);         ( 370736.7,
3809407.0,     501.4,    1482.1,       0.0);
     ( 370754.3, 3809407.0,     501.7,    1482.1,       0.0);         ( 370772.0,
3809407.0,     502.0,    1482.1,       0.0);
     ( 370612.8, 3809425.3,     499.0,    1482.1,       0.0);         ( 370630.5,
3809425.3,     499.3,    1482.1,       0.0);
     ( 370648.2, 3809425.3,     499.6,    1482.1,       0.0);         ( 370665.9,
3809425.3,     500.0,    1482.1,       0.0);
     ( 370683.6, 3809425.3,     500.3,    1482.1,       0.0);         ( 370701.3,
3809425.3,     500.5,    1482.1,       0.0);
     ( 370719.0, 3809425.3,     500.5,    1482.1,       0.0);         ( 370736.7,
3809425.3,     500.9,    1482.1,       0.0);
     ( 370754.3, 3809425.3,     501.3,    1482.1,       0.0);         ( 370772.0,
3809425.3,     501.6,    1482.1,       0.0);
     ( 370789.7, 3809425.3,     501.9,    1482.1,       0.0);         ( 370595.1,
3809443.6,     498.2,    1482.1,       0.0);
     ( 370612.8, 3809443.6,     498.6,    1482.1,       0.0);         ( 370630.5,
3809443.6,     498.9,    1482.1,       0.0);
     ( 370648.2, 3809443.6,     499.2,    1482.1,       0.0);         ( 370665.9,
3809443.6,     499.7,    1482.1,       0.0);
     ( 370683.6, 3809443.6,     500.0,    1482.1,       0.0);         ( 370701.3,
3809443.6,     500.2,    1482.1,       0.0);
     ( 370719.0, 3809443.6,     500.1,    1482.1,       0.0);         ( 370736.7,
3809443.6,     500.4,    1482.1,       0.0);
     ( 370754.3, 3809443.6,     500.7,    1482.1,       0.0);         ( 370772.0,
3809443.6,     501.0,    1482.1,       0.0);
     ( 370559.8, 3809462.0,     497.2,    1482.1,       0.0);         ( 370577.5,
3809462.0,     497.5,    1482.1,       0.0);
     ( 370595.1, 3809462.0,     497.9,    1482.1,       0.0);         ( 370612.8,
3809462.0,     498.2,    1482.1,       0.0);
     ( 370630.5, 3809462.0,     498.5,    1482.1,       0.0);         ( 370648.2,
3809462.0,     498.9,    1482.1,       0.0);
     ( 370665.9, 3809462.0,     499.4,    1482.1,       0.0);         ( 370683.6,
3809462.0,     499.7,    1482.1,       0.0);
     ( 370701.3, 3809462.0,     499.8,    1482.1,       0.0);         ( 370719.0,
3809462.0,     499.8,    1482.1,       0.0);
     ( 370736.7, 3809462.0,     499.9,    1482.1,       0.0);         ( 370754.3,
3809462.0,     500.2,    1482.1,       0.0);
     ( 370595.1, 3809480.3,     497.6,    1482.1,       0.0);         ( 370612.8,
3809480.3,     497.8,    1482.1,       0.0);
     ( 370630.5, 3809480.3,     498.2,    1482.1,       0.0);         ( 370648.2,
3809480.3,     498.7,    1482.1,       0.0);
     ( 370665.9, 3809480.3,     499.1,    1482.1,       0.0);         ( 370683.6,
3809480.3,     499.3,    1482.1,       0.0);
     ( 370701.3, 3809480.3,     499.5,    1482.1,       0.0);         ( 370719.0,
3809480.3,     499.6,    1482.1,       0.0);
     ( 370612.8, 3809498.6,     497.5,    1482.1,       0.0);         ( 370630.5,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (370648.2, 3809498.6,   498.3,   1482.1,   0.0);   (370665.9,
3809498.6,   498.6,   1482.1,   0.0);
     (370683.6, 3809498.6,   498.8,   1482.1,   0.0);   (370701.3,
3809498.6,   499.0,   1482.1,   0.0);
     (370612.8, 3809517.0,   497.2,   1482.1,   0.0);   (370630.5,
3809517.0,   497.5,   1482.1,   0.0);
     (370648.2, 3809517.0,   497.9,   1482.1,   0.0);   (370665.9,
3809517.0,   498.0,   1482.1,   0.0);
     (370612.8, 3809535.3,   496.8,   1482.1,   0.0);   (370630.5,
3809535.3,   497.0,   1482.1,   0.0);
     (370648.2, 3809535.3,   497.4,   1482.1,   0.0);   (370665.9,
3809535.3,   497.7,   1482.1,   0.0);
     (370595.1, 3809553.6,   496.2,   1482.1,   0.0);   (370612.8,
3809553.6,   496.4,   1482.1,   0.0);
     (370630.5, 3809553.6,   496.6,   1482.1,   0.0);   (370648.2,
3809553.6,   496.9,   1482.1,   0.0);
     (370595.1, 3809572.0,   495.7,   1482.1,   0.0);   (370612.8,
3809572.0,   495.9,   1482.1,   0.0);
     (370630.5, 3809572.0,   496.2,   1482.1,   0.0);   (370648.2,
3809572.0,   496.5,   1482.1,   0.0);
     (370595.1, 3809590.3,   495.2,   1482.1,   0.0);   (370612.8,
3809590.3,   495.4,   1482.1,   0.0);
     (370630.5, 3809590.3,   495.8,   1482.1,   0.0);   (370980.6,
3809363.8,   500.7,   1482.1,   0.0);
     (371022.0, 3809363.8,   499.5,   1482.1,   0.0);   (371022.0,
3809614.9,   493.2,   1482.1,   0.0);
     (371006.3, 3809656.3,   493.3,   1482.1,   0.0);   (371037.7,
3809663.4,   492.8,   1482.1,   0.0);
     (370952.1, 3809766.1,   491.7,   1482.1,   0.0);   (370969.2,
3809791.8,   490.9,   1482.1,   0.0);
     (370982.0, 3809797.5,   490.6,   1482.1,   0.0);   (371012.0,
3809779.0,   490.8,   1482.1,   0.0);
     (371051.9, 3809729.1,   491.5,   1482.1,   0.0);   (371080.5,
3809696.2,   491.8,   1482.1,   0.0);
     (371104.7, 3809710.5,   491.3,   1482.1,   0.0);   (371022.0,
3809808.9,   490.3,   1482.1,   0.0);
     (371039.1, 3809811.8,   490.2,   1482.1,   0.0);   (371097.6,

3809751.9,   490.9,   1482.1,   0.0);
     (371123.3, 3809737.6,   490.9,   1482.1,   0.0);   (371070.5,
3809908.8,   490.4,   1482.1,   0.0);
     (371119.0, 3809921.6,   491.5,   1482.1,   0.0);   (371111.9,
3809931.6,   491.4,   1482.1,   0.0);
     (371042.0, 3809974.4,   490.6,   1482.1,   0.0);   (370886.5,
3809933.1,   487.9,   1482.1,   0.0);
     (370906.4, 3809897.4,   488.6,   1482.1,   0.0);   (371039.1,
3809935.9,   489.6,   1482.1,   0.0);
     (371053.4, 3809925.9,   490.0,   1482.1,   0.0);   (370949.2,
3809896.0,   488.6,   1482.1,   0.0);
     (370962.1, 3809868.9,   489.3,   1482.1,   0.0);   (371047.7,
3809896.0,   489.8,   1482.1,   0.0);
     (371059.1, 3809874.6,   489.7,   1482.1,   0.0);   (370795.1,
3809779.0,   492.2,   1482.1,   0.0);
     (370796.6, 3809700.5,   494.1,   1482.1,   0.0);   (370795.1,
3809692.0,   494.4,   1482.1,   0.0);
     (370857.9, 3809690.5,   494.7,   1482.1,   0.0);   (370906.4,
3809670.6,   494.8,   1482.1,   0.0);
     (370926.4, 3809656.3,   494.8,   1482.1,   0.0);   (370944.9,
3809606.4,   495.7,   1482.1,   0.0);
     (370952.1, 3809602.1,   495.6,   1482.1,   0.0);   (370976.3,
3809599.2,   495.0,   1482.1,   0.0);
     (370556.9, 3809462.3,   497.2,   1482.1,   0.0);   (370624.0,
3809415.2,   499.4,   1482.1,   0.0);
     (370639.6, 3809402.4,   499.8,   1482.1,   0.0);   (370676.7,
3809403.8,   500.7,   1482.1,   0.0);
     (370746.6, 3809343.9,   503.2,   1482.1,   0.0);   (370799.4,
3809435.2,   501.9,   1482.1,   0.0);
     (370673.9, 3809520.8,   498.1,   1482.1,   0.0);   (370642.5,
3809603.5,   495.8,   1482.1,   0.0);
     (370576.9, 3809599.2,   494.9,   1482.1,   0.0);   (370611.1,
3809499.4,   497.5,   1482.1,   0.0);
     (370612.5, 3809493.7,   497.6,   1482.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                              SOURCE   - - RECEPTOR LOCATION - -

DISTANCE
ID XR (METERS) YR (METERS)
(METERS)
- - - -

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: ..\Belcaro Offsite Construction
HRA\Belcaro.dat\SCLR_V11_trimmed.sfc   Met Version: 22112
   Profile file: ..\Belcaro Offsite Construction
HRA\Belcaro.dat\SCLR_V11_trimmed.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:   23130   Upper air station no.:   3190
                  Name: UNKNOWN   Name: UNKNOWN

                  Year: 2018   Year: 2018

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - -
 18 01 01   1 01   -2.6 0.074 -9.000 -9.000 -999.   49.   13.5 0.09   2.01
1.00   0.88 144.   10.0 280.2   9.0
 18 01 01   1 02   -3.8 0.086 -9.000 -9.000 -999.   60.   14.4 0.09   2.01
1.00   1.10 130.   10.0 279.9   9.0
 18 01 01   1 03   -3.4 0.085 -9.000 -9.000 -999.   59.   15.4 0.17   2.01
1.00   0.91 163.   10.0 279.6   9.0
 18 01 01   1 04   -3.6 0.083 -9.000 -9.000 -999.   58.   14.1 0.09   2.01
1.00   1.06 130.   10.0 278.9   9.0
 18 01 01   1 05   -4.0 0.088 -9.000 -9.000 -999.   63.   14.6 0.09   2.01
1.00   1.14 141.   10.0 278.8   9.0
 18 01 01   1 06   -2.5 0.076 -9.000 -9.000 -999.   50.   15.2 0.17   2.01
1.00   0.73 173.   10.0 278.0   9.0
 18 01 01   1 07   -4.0 0.087 -9.000 -9.000 -999.   62.   14.5 0.09   2.01
1.00   1.13 136.   10.0 277.7   9.0
 18 01 01   1 08   -2.4 0.072 -9.000 -9.000 -999.   47.   13.7 0.09   2.01
0.59   0.89 133.   10.0 278.6   9.0
 18 01 01   1 09   24.8 0.157 0.329 0.017   50. 149.   -13.6 0.31   2.01
0.35   0.97 314.   7.9 282.4   9.0
 18 01 01   1 10   89.7 0.133 0.759 0.015 170. 117.   -2.3 0.03   2.01
0.27   1.33   19.   7.9 288.8   9.0

```
 18 01 01   1 11  136.0  0.159  1.034  0.012  283.  152.     -2.6  0.19   2.01
0.24    0.90  297.   10.0  293.2    9.0
 18 01 01   1 12  160.4  0.220  1.215  0.009  388.  248.     -5.8  0.10   2.01
0.23    1.81  317.   10.0  296.8    9.0
 18 01 01   1 13  160.9  0.252  1.349  0.007  530.  304.     -8.7  0.05   2.01
0.23    2.60   45.   10.0  298.6    9.0
 18 01 01   1 14  137.1  0.304  1.368  0.006  648.  402.    -17.8  0.05   2.01
0.24    3.35   63.   10.0  298.6    9.0
 18 01 01   1 15   98.3  0.270  1.273  0.006  729.  337.    -17.3  0.05   2.01
0.28    2.96   65.   10.0  298.6    9.0
 18 01 01   1 16   38.6  0.184  0.941  0.006  748.  193.    -14.1  0.05   2.01
0.36    1.98   60.   10.0  297.6    9.0
 18 01 01   1 17   -6.2  0.111 -9.000 -9.000 -999.   91.     19.4  0.05   2.01
0.62    1.62   36.   10.0  296.0    9.0
 18 01 01   1 18   -2.4  0.073 -9.000 -9.000 -999.   47.     13.8  0.10   2.01
1.00    0.84  325.   10.0  293.8    9.0
 18 01 01   1 19   -4.0  0.091 -9.000 -9.000 -999.   65.     16.3  0.17   2.01
1.00    1.00  159.   10.0  290.5    9.0
 18 01 01   1 20   -5.3  0.100 -9.000 -9.000 -999.   76.     16.7  0.09   2.01
1.00    1.32  124.   10.0  287.2    9.0
 18 01 01   1 21   -6.3  0.110 -9.000 -9.000 -999.   88.     18.3  0.09   2.01
1.00    1.44  128.   10.0  285.8    9.0
 18 01 01   1 22   -3.6  0.084 -9.000 -9.000 -999.   59.     14.3  0.09   2.01
1.00    1.08  136.   10.0  285.4    9.0
 18 01 01   1 23   -5.3  0.100 -9.000 -9.000 -999.   76.     16.5  0.08   2.01
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

                                 PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3   ***
                                 INCLUDING SOURCE(S):     L0000652    , L0000653
, L0000654    , L0000655    , L0000656    ,
                 L0000657    , L0000658    , L0000659    , L0000660    , L0000661
, L0000662    , L0000663    , L0000664    ,
```

L0000665 , L0000666 , L0000667 , L0000668 , L0000669
, L0000670 , L0000671 , L0000672 ,
L0000673 , L0000674 , L0000675 , L0000676 , L0000677
, L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370980.62	3809382.98	13.35505	370997.74	3809382.98	16.35566
371014.86	3809382.98	21.58821	370980.62	3809415.37	15.63025
370997.74	3809415.37	19.94767	371014.86	3809415.37	28.41663
370980.62	3809447.76	17.46983	370997.74	3809447.76	22.29265
371014.86	3809447.76	31.35983	370980.62	3809480.15	18.83267
370997.74	3809480.15	23.85489	371014.86	3809480.15	32.86409
370980.62	3809512.54	19.73393	370997.74	3809512.54	24.79404
371014.86	3809512.54	33.81853	370980.62	3809544.93	20.31221
370997.74	3809544.93	25.43550	371014.86	3809544.93	34.54437
370980.62	3809577.32	20.70554	370997.74	3809577.32	25.84613
371014.86	3809577.32	35.04035	370946.38	3809609.71	15.35019
370963.50	3809609.71	17.57262	370980.62	3809609.71	20.85899
370997.74	3809609.71	26.10603	371014.86	3809609.71	35.57754
370946.38	3809642.10	15.39985	370963.50	3809642.10	17.54399
370980.62	3809642.10	20.74445	370997.74	3809642.10	26.06086
370912.14	3809674.49	12.92341	370929.26	3809674.49	13.95822
370946.38	3809674.49	15.44148	370963.50	3809674.49	17.55218
370980.62	3809674.49	20.60051	370997.74		

```
3809674.49       25.11180
         371014.86    3809674.49       31.78456                       370809.42
3809706.88       12.84271
         370826.54    3809706.88       12.30202                       370843.66
3809706.88       11.95903
         370860.78    3809706.88       11.82486                       370877.90
3809706.88       11.91865
         370895.02    3809706.88       12.26850                       370912.14
3809706.88       12.93829
         370929.26    3809706.88       14.03401                       370946.38
3809706.88       15.69343
         370963.50    3809706.88       18.16933                       370980.62
3809706.88       21.88068
         370997.74    3809706.88       27.81606                       371083.34
3809706.88       28.29170
         370809.42    3809739.27       13.64681                       370826.54
3809739.27       12.80354
         370843.66    3809739.27       12.23371                       370860.78
3809739.27       11.93589
         370877.90    3809739.27       11.90725                       370895.02
3809739.27       12.17146
         370912.14    3809739.27       12.82124                       370929.26
3809739.27       14.04722
         370946.38    3809739.27       16.27257                       370963.50
3809739.27       20.41733
         371049.10    3809739.27       24.30142                       371066.22
3809739.27       20.17419
         370809.42    3809771.66       14.65882                       370826.54
3809771.66       13.29777
         370843.66    3809771.66       12.41672                       370860.78
3809771.66       11.90612
         370877.90    3809771.66       11.71449                       370895.02
3809771.66       11.84447
         370912.14    3809771.66       12.37602                       370929.26
3809771.66       13.54566
         370946.38    3809771.66       16.08069                       371031.98
3809771.66       18.68864
         371049.10    3809771.66       16.02278                       371083.34
3809771.66       12.59523
         371100.46    3809771.66       11.30990                       370877.90
3809804.05       11.28348
         370895.02    3809804.05       11.25006                       370912.14
3809804.05       11.53997
         370929.26    3809804.05       12.23525                       370946.38
3809804.05       13.46249
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***       09:31:12
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3 ***

INCLUDING SOURCE(S): L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370963.50	3809804.05	15.08513	370980.62	3809804.05	16.03018
370997.74	3809804.05	15.37404	371014.86	3809804.05	14.04248
371049.10	3809804.05	11.65539	371066.22	3809804.05	10.69285
371083.34	3809804.05	9.83621	371100.46	3809804.05	9.06378
370963.50	3809836.44	11.01304	370980.62	3809836.44	10.95261
370997.74	3809836.44	10.65432	371014.86	3809836.44	10.19382
371031.98	3809836.44	9.65935	371049.10	3809836.44	9.11068
371066.22	3809836.44	8.56760	371083.34	3809836.44	8.04382
371049.10	3809868.83	7.52858	371066.22	3809868.83	7.17056
370912.14	3809901.22	8.29665	370980.62	3809901.22	7.46757
370997.74	3809901.22	7.23721	371014.86	3809901.22	6.99209
371031.98	3809901.22	6.73678	371049.10	3809901.22	6.47178
371066.22	3809901.22	6.20650	370895.02	3809933.61	7.65741

```
         370912.14    3809933.61        7.40083                    370929.26
3809933.61        7.16840
         370946.38    3809933.61        6.95512                    370963.50
3809933.61        6.74848
         370980.62    3809933.61        6.54293                    370997.74
3809933.61        6.33411
         371014.86    3809933.61        6.12422                    371049.10
3809933.61        5.70108
         371066.22    3809933.61        5.48801                    371083.34
3809933.61        5.27646
         371100.46    3809933.61        5.06877                    371014.86
3809966.00        5.46541
         371031.98    3809966.00        5.28757                    371049.10
3809966.00        5.10914
         370718.97    3809370.33        7.31453                    370736.66
3809370.33        7.11708
         370754.35    3809370.33        6.95268                    370701.28
3809388.66        8.10774
         370718.97    3809388.66        7.77682                    370736.66
3809388.66        7.54934
         370754.35    3809388.66        7.34389                    370772.04
3809388.66        7.16697
         370648.21    3809406.99       10.43531                    370665.90
3809406.99        9.77620
         370683.59    3809406.99        9.19944                    370701.28
3809406.99        8.70573
         370718.97    3809406.99        8.32162                    370736.66
3809406.99        8.00369
         370754.35    3809406.99        7.73984                    370772.04
3809406.99        7.52374
         370612.83    3809425.32       13.56759                    370630.52
3809425.32       12.44988
         370648.21    3809425.32       11.46899                    370665.90
3809425.32       10.62030
         370683.59    3809425.32        9.91801                    370701.28
3809425.32        9.34849
         370718.97    3809425.32        8.90241                    370736.66
3809425.32        8.48726
         370754.35    3809425.32        8.15170                    370772.04
3809425.32        7.90644
         370789.73    3809425.32        7.73249                    370595.14
3809443.65       17.60816
         370612.83    3809443.65       15.65262                    370630.52
3809443.65       13.99202
         370648.21    3809443.65       12.63287                    370665.90
3809443.65       11.51574
         370683.59    3809443.65       10.63958                    370701.28
3809443.65        9.95686
         370718.97    3809443.65        9.43163                    370736.66
3809443.65        8.98741
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3 ***
INCLUDING SOURCE(S): L0000652 , L0000653
, L0000654 , L0000655 , L0000656 ,
L0000657 , L0000658 , L0000659 , L0000660 , L0000661
, L0000662 , L0000663 , L0000664 ,
L0000665 , L0000666 , L0000667 , L0000668 , L0000669
, L0000670 , L0000671 , L0000672 ,
L0000673 , L0000674 , L0000675 , L0000676 , L0000677
, L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370595.14	3809461.98	21.60704	370612.83	3809461.98	18.24898
370630.52	3809461.98	15.74492	370648.21	3809461.98	13.89615
370665.90	3809461.98	12.46943	370683.59	3809461.98	11.40203
370701.28	3809461.98	10.58785	370718.97	3809461.98	9.96701
370736.66	3809461.98	9.46831	370754.35	3809461.98	9.06275
370595.14	3809480.31	27.49123	370612.83	3809480.31	21.34245
370630.52	3809480.31	17.62557	370648.21	3809480.31	15.17968
370665.90	3809480.31	13.45298	370683.59	3809480.31	12.18506
370701.28	3809480.31	11.22535	370718.97		

3809480.31 10.48956
370612.83 3809498.64 24.38189 370630.52
3809498.64 19.44103
370648.21 3809498.64 16.44774 370665.90
3809498.64 14.43727
370683.59 3809498.64 12.98004 370701.28
3809498.64 11.87744
370612.83 3809516.97 26.43401 370630.52
3809516.97 20.93783
370648.21 3809516.97 17.59265 370665.90
3809516.97 15.36235
370612.83 3809535.30 27.56237 370630.52
3809535.30 22.06571
370648.21 3809535.30 18.58115 370665.90
3809535.30 16.17222
370595.14 3809553.63 37.33790 370612.83
3809553.63 28.24495
370630.52 3809553.63 22.93059 370648.21
3809553.63 19.41330
370595.14 3809571.96 36.93834 370612.83
3809571.96 28.79003
370630.52 3809571.96 23.70590 370648.21
3809571.96 20.17899
370595.14 3809590.29 36.96086 370612.83
3809590.29 29.48136
370630.52 3809590.29 24.51399 370980.61
3809363.85 12.02097
371021.98 3809363.85 19.64738 371021.98
3809614.93 39.83130
371006.29 3809656.30 29.47733 371037.67
3809663.44 44.12847
370952.08 3809766.15 17.84747 370969.19
3809791.83 19.03357
370982.03 3809797.54 18.18613 371011.99
3809778.99 21.07943
371051.94 3809729.06 27.53084 371080.47
3809696.25 34.05712
371104.72 3809710.51 20.58206 371021.98
3809808.95 12.78305
371039.10 3809811.80 11.44292 371097.59
3809751.88 13.58794
371123.27 3809737.62 12.60425 371070.48
3809908.81 5.95968
371118.99 3809921.65 5.04096 371111.86
3809931.64 4.96441
371041.95 3809974.44 5.05024 370886.45
3809933.06 7.81336
370906.42 3809897.40 8.48690 371039.10
3809935.92 5.77644
371053.36 3809925.93 5.80999 370949.22

3809895.97   8.02036
         370962.06   3809868.87   8.98085   371047.66
3809895.97   6.64219
         371059.07   3809874.57   7.11091   370795.15
3809778.99   16.75188
         370796.58   3809700.53   13.19595   370795.15
3809691.97   13.02892
         370857.92   3809690.54   11.73398   370906.42
3809670.57   12.65207
         370926.40   3809656.30   13.72851   370944.94
3809606.37   15.18641
         370952.08   3809602.09   15.97766   370976.33
3809599.24   19.87755

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3   ***
                                 INCLUDING SOURCE(S):   L0000652   , L0000653
, L0000654   , L0000655   , L0000656   ,
                  L0000657   , L0000658   , L0000659   , L0000660   , L0000661
, L0000662   , L0000663   , L0000664   ,
                  L0000665   , L0000666   , L0000667   , L0000668   , L0000669
, L0000670   , L0000671   , L0000672   ,
                  L0000673   , L0000674   , L0000675   , L0000676   , L0000677
, L0000678   , L0000679   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         370556.91   3809462.28   30.31040   370623.96
3809415.21   12.03900
         370639.65   3809402.37   10.51383   370676.74
3809403.79   9.28659
         370746.64   3809343.88   6.46664   370799.43
3809435.18   7.85323
         370673.89   3809520.77   14.73120   370642.50
3809603.52   22.60655

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000652 , L0000653
, L0000654 , L0000655 , L0000656 ,
L0000657 , L0000658 , L0000659 , L0000660 , L0000661
, L0000662 , L0000663 , L0000664 ,
L0000665 , L0000666 , L0000667 , L0000668 , L0000669
, L0000670 , L0000671 , L0000672 ,
L0000673 , L0000674 , L0000675 , L0000676 , L0000677
, L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370980.62	3809382.98	13.35505	370997.74	3809382.98	16.35566
371014.86	3809382.98	21.58821	370980.62	3809415.37	15.63025
370997.74	3809415.37	19.94767	371014.86	3809415.37	28.41663
370980.62	3809447.76	17.46983	370997.74	3809447.76	22.29265
371014.86	3809447.76	31.35983	370980.62	3809480.15	18.83267
370997.74	3809480.15	23.85489	371014.86	3809480.15	32.86409
370980.62	3809512.54	19.73393	370997.74	3809512.54	24.79404
371014.86	3809512.54	33.81853	370980.62	3809544.93	20.31221
370997.74	3809544.93	25.43550	371014.86		

3809544.93 34.54437
370980.62 3809577.32 20.70554 370997.74
3809577.32 25.84613
371014.86 3809577.32 35.04035 370946.38
3809609.71 15.35019
370963.50 3809609.71 17.57262 370980.62
3809609.71 20.85899
370997.74 3809609.71 26.10603 371014.86
3809609.71 35.57754
370946.38 3809642.10 15.39985 370963.50
3809642.10 17.54399
370980.62 3809642.10 20.74445 370997.74
3809642.10 26.06086
370912.14 3809674.49 12.92341 370929.26
3809674.49 13.95822
370946.38 3809674.49 15.44148 370963.50
3809674.49 17.55218
370980.62 3809674.49 20.60051 370997.74
3809674.49 25.11180
371014.86 3809674.49 31.78456 370809.42
3809706.88 12.84271
370826.54 3809706.88 12.30202 370843.66
3809706.88 11.95903
370860.78 3809706.88 11.82486 370877.90
3809706.88 11.91865
370895.02 3809706.88 12.26850 370912.14
3809706.88 12.93829
370929.26 3809706.88 14.03401 370946.38
3809706.88 15.69343
370963.50 3809706.88 18.16933 370980.62
3809706.88 21.88068
370997.74 3809706.88 27.81606 371083.34
3809706.88 28.29170
370809.42 3809739.27 13.64681 370826.54
3809739.27 12.80354
370843.66 3809739.27 12.23371 370860.78
3809739.27 11.93589
370877.90 3809739.27 11.90725 370895.02
3809739.27 12.17146
370912.14 3809739.27 12.82124 370929.26
3809739.27 14.04722
370946.38 3809739.27 16.27257 370963.50
3809739.27 20.41733
371049.10 3809739.27 24.30142 371066.22
3809739.27 20.17419
370809.42 3809771.66 14.65882 370826.54
3809771.66 13.29777
370843.66 3809771.66 12.41672 370860.78
3809771.66 11.90612
370877.90 3809771.66 11.71449 370895.02

3809771.66   11.84447
         370912.14   3809771.66   12.37602   370929.26
3809771.66   13.54566
         370946.38   3809771.66   16.08069   371031.98
3809771.66   18.68864
         371049.10   3809771.66   16.02278   371083.34
3809771.66   12.59523
         371100.46   3809771.66   11.30990   370877.90
3809804.05   11.28348
         370895.02   3809804.05   11.25006   370912.14
3809804.05   11.53997
         370929.26   3809804.05   12.23525   370946.38
3809804.05   13.46249

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000652   , L0000653
, L0000654   , L0000655   , L0000656   ,
                   L0000657   , L0000658   , L0000659   , L0000660   , L0000661
, L0000662   , L0000663   , L0000664   ,
                   L0000665   , L0000666   , L0000667   , L0000668   , L0000669
, L0000670   , L0000671   , L0000672   ,
                   L0000673   , L0000674   , L0000675   , L0000676   , L0000677
, L0000678   , L0000679   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

370963.50 3809836.44 11.01304 370980.62
3809836.44 10.95261
370997.74 3809836.44 10.65432 371014.86
3809836.44 10.19382
371031.98 3809836.44 9.65935 371049.10
3809836.44 9.11068
371066.22 3809836.44 8.56760 371083.34
3809836.44 8.04382
371049.10 3809868.83 7.52858 371066.22
3809868.83 7.17056
370912.14 3809901.22 8.29665 370980.62
3809901.22 7.46757
370997.74 3809901.22 7.23721 371014.86
3809901.22 6.99209
371031.98 3809901.22 6.73678 371049.10
3809901.22 6.47178
371066.22 3809901.22 6.20650 370895.02
3809933.61 7.65741
370912.14 3809933.61 7.40083 370929.26
3809933.61 7.16840
370946.38 3809933.61 6.95512 370963.50
3809933.61 6.74848
370980.62 3809933.61 6.54293 370997.74
3809933.61 6.33411
371014.86 3809933.61 6.12422 371049.10
3809933.61 5.70108
371066.22 3809933.61 5.48801 371083.34
3809933.61 5.27646
371100.46 3809933.61 5.06877 371014.86
3809966.00 5.46541
371031.98 3809966.00 5.28757 371049.10
3809966.00 5.10914
370718.97 3809370.33 7.31453 370736.66
3809370.33 7.11708
370754.35 3809370.33 6.95268 370701.28
3809388.66 8.10774
370718.97 3809388.66 7.77682 370736.66
3809388.66 7.54934
370754.35 3809388.66 7.34389 370772.04
3809388.66 7.16697
370648.21 3809406.99 10.43531 370665.90
3809406.99 9.77620
370683.59 3809406.99 9.19944 370701.28
3809406.99 8.70573
370718.97 3809406.99 8.32162 370736.66
3809406.99 8.00369
370754.35 3809406.99 7.73984 370772.04
3809406.99 7.52374
370612.83 3809425.32 13.56759 370630.52
3809425.32 12.44988

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         370648.21    3809425.32       11.46899                      370665.90
3809425.32       10.62030
         370683.59    3809425.32        9.91801                      370701.28
3809425.32        9.34849
         370718.97    3809425.32        8.90241                      370736.66
3809425.32        8.48726
         370754.35    3809425.32        8.15170                      370772.04
3809425.32        7.90644
         370789.73    3809425.32        7.73249                      370595.14
3809443.65       17.60816
         370612.83    3809443.65       15.65262                      370630.52
3809443.65       13.99202
         370648.21    3809443.65       12.63287                      370665.90
3809443.65       11.51574
         370683.59    3809443.65       10.63958                      370701.28
3809443.65        9.95686
         370718.97    3809443.65        9.43163                      370736.66
3809443.65        8.98741
         370754.35    3809443.65        8.62867                      370772.04
3809443.65        8.33396
         370559.76    3809461.98       29.64701                      370577.45
3809461.98       25.69734
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***       09:31:12

                                  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000652    , L0000653
, L0000654    , L0000655    , L0000656    ,
                  L0000657    , L0000658    , L0000659    , L0000660    , L0000661
, L0000662    , L0000663    , L0000664    ,
                  L0000665    , L0000666    , L0000667    , L0000668    , L0000669
, L0000670    , L0000671    , L0000672    ,
                  L0000673    , L0000674    , L0000675    , L0000676    , L0000677
, L0000678    , L0000679    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
370595.14 3809461.98 21.60704 370612.83
3809461.98 18.24898
370630.52 3809461.98 15.74492 370648.21
3809461.98 13.89615
370665.90 3809461.98 12.46943 370683.59
3809461.98 11.40203
370701.28 3809461.98 10.58785 370718.97
3809461.98 9.96701
370736.66 3809461.98 9.46831 370754.35
3809461.98 9.06275
370595.14 3809480.31 27.49123 370612.83
3809480.31 21.34245
370630.52 3809480.31 17.62557 370648.21
3809480.31 15.17968
370665.90 3809480.31 13.45298 370683.59
3809480.31 12.18506
370701.28 3809480.31 11.22535 370718.97
3809480.31 10.48956
370612.83 3809498.64 24.38189 370630.52
3809498.64 19.44103
370648.21 3809498.64 16.44774 370665.90
3809498.64 14.43727
370683.59 3809498.64 12.98004 370701.28
3809498.64 11.87744
370612.83 3809516.97 26.43401 370630.52
3809516.97 20.93783
370648.21 3809516.97 17.59265 370665.90
3809516.97 15.36235
370612.83 3809535.30 27.56237 370630.52
3809535.30 22.06571
370648.21 3809535.30 18.58115 370665.90
3809535.30 16.17222
370595.14 3809553.63 37.33790 370612.83
3809553.63 28.24495
370630.52 3809553.63 22.93059 370648.21
3809553.63 19.41330
370595.14 3809571.96 36.93834 370612.83
3809571.96 28.79003
370630.52 3809571.96 23.70590 370648.21
3809571.96 20.17899
370595.14 3809590.29 36.96086 370612.83
3809590.29 29.48136
370630.52 3809590.29 24.51399 370980.61
3809363.85 12.02097
371021.98 3809363.85 19.64738 371021.98
3809614.93 39.83130
371006.29 3809656.30 29.47733 371037.67
3809663.44 44.12847
370952.08 3809766.15 17.84747 370969.19

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3809791.83       19.03357
         370982.03    3809797.54       18.18613                       371011.99
3809778.99       21.07943
         371051.94    3809729.06       27.53084                       371080.47
3809696.25       34.05712
         371104.72    3809710.51       20.58206                       371021.98
3809808.95       12.78305
         371039.10    3809811.80       11.44292                       371097.59
3809751.88       13.58794
         371123.27    3809737.62       12.60425                       371070.48
3809908.81        5.95968
         371118.99    3809921.65        5.04096                       371111.86
3809931.64        4.96441
         371041.95    3809974.44        5.05024                       370886.45
3809933.06        7.81336
         370906.42    3809897.40        8.48690                       371039.10
3809935.92        5.77644
         371053.36    3809925.93        5.80999                       370949.22
3809895.97        8.02036
         370962.06    3809868.87        8.98085                       371047.66
3809895.97        6.64219
         371059.07    3809874.57        7.11091                       370795.15
3809778.99       16.75188
         370796.58    3809700.53       13.19595                       370795.15
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         370926.40    3809656.30       13.72851                       370944.94
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         370952.08    3809602.09       15.97766                       370976.33
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000652    , L0000653
, L0000654    , L0000655    , L0000656    ,
                    L0000657    , L0000658    , L0000659    , L0000660    , L0000661
, L0000662    , L0000663    , L0000664    ,
                    L0000665    , L0000666    , L0000667    , L0000668    , L0000669
, L0000670    , L0000671    , L0000672    ,
                    L0000673    , L0000674    , L0000675    , L0000676    , L0000677
, L0000678    , L0000679    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
370556.91	3809462.28	30.31040	370623.96	3809415.21	12.03900
370639.65	3809402.37	10.51383	370676.74	3809403.79	9.28659
370746.64	3809343.88	6.46664	370799.43	3809435.18	7.85323
370673.89	3809520.77	14.73120	370642.50	3809603.52	22.60655
370576.88	3809599.24	50.61291	370611.12	3809499.38	25.15331
370612.54	3809493.67	23.72765			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3 ***
INCLUDING SOURCE(S): L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        370980.62   3809382.98       52.57377  (23123116)                370997.74
3809382.98       65.84476  (21020617)
        371014.86   3809382.98       85.92737  (21020617)                370980.62
3809415.37       65.05423  (23123116)
        370997.74   3809415.37       77.07786  (23123116)                371014.86
3809415.37       90.42212  (21020617)
        370980.62   3809447.76       62.83311  (23123116)                370997.74
3809447.76       71.91530  (23123116)
        371014.86   3809447.76       91.21400  (21020617)                370980.62
3809480.15       62.61314  (23123116)
        370997.74   3809480.15       72.47734  (23123116)                371014.86
3809480.15       92.14749  (21020617)
        370980.62   3809512.54       63.36791  (23123116)                370997.74
3809512.54       73.42861  (23123116)
        371014.86   3809512.54       92.20070  (21020617)                370980.62
3809544.93       64.09405  (23123116)
        370997.74   3809544.93       74.31608  (23123116)                371014.86
3809544.93       91.73739  (21020617)
        370980.62   3809577.32       64.99216  (23123116)                370997.74
3809577.32       75.25482  (23123116)
        371014.86   3809577.32       90.37995  (21020617)                370946.38
3809609.71       50.88053  (23123116)
        370963.50   3809609.71       58.73220  (23123116)                370980.62
3809609.71       67.78714  (23123116)
        370997.74   3809609.71       77.79226  (23123116)                371014.86
3809609.71       89.26274  (22022008)
        370946.38   3809642.10       50.83146  (23123116)                370963.50
3809642.10       60.43695  (23123116)
        370980.62   3809642.10       72.92343  (23123116)                370997.74
3809642.10       88.54522  (23123116)
        370912.14   3809674.49       33.42890  (22022008)                370929.26
3809674.49       37.57164  (23123116)
        370946.38   3809674.49       42.61538  (23123116)                370963.50
3809674.49       48.52648  (23123116)
        370980.62   3809674.49       55.12409  (23123116)                370997.74
3809674.49       64.66639  (21122216)
        371014.86   3809674.49      105.63001  (21122216)                370809.42
3809706.88       34.21107  (22022008)
        370826.54   3809706.88       32.76150  (22022008)                370843.66
3809706.88       31.77809  (22022008)
        370860.78   3809706.88       31.28229  (22022008)                370877.90
3809706.88       31.31637  (22022008)
        370895.02   3809706.88       31.96158  (22022008)                370912.14
3809706.88       33.35627  (22022008)
        370929.26   3809706.88       35.73559  (22022008)                370946.38
3809706.88       39.48658  (22022008)
        370963.50   3809706.88       45.24109  (22022008)                370980.62
3809706.88       54.19161  (22022008)
        370997.74   3809706.88       69.27760  (22022008)                371083.34
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3809706.88      106.90978  (21122216)
        370809.42   3809739.27       36.29066  (22022008)                370826.54
3809739.27       34.03464  (22022008)
        370843.66   3809739.27       32.44152  (22022008)                370860.78
3809739.27       31.48462  (22022008)
        370877.90   3809739.27       31.17539  (22022008)                370895.02
3809739.27       31.60036  (22022008)
        370912.14   3809739.27       32.97263  (22022008)                370929.26
3809739.27       38.00764  (23123116)
        370946.38   3809739.27       43.95994  (23123116)                370963.50
3809739.27       51.61039  (22022008)
        371049.10   3809739.27      108.57301  (21122216)                371066.22
3809739.27       91.19770  (21122216)
        370809.42   3809771.66       39.05560  (22022008)                370826.54
3809771.66       35.37147  (22022008)
        370843.66   3809771.66       32.87795  (22022008)                370860.78
3809771.66       31.30606  (22022008)
        370877.90   3809771.66       30.52505  (22022008)                370895.02
3809771.66       30.53654  (22022008)
        370912.14   3809771.66       31.53340  (22022008)                370929.26
3809771.66       34.89582  (23123116)
        370946.38   3809771.66       43.90298  (23123116)                371031.98
3809771.66       93.63344  (21122216)
        371049.10   3809771.66       79.15787  (21122216)                371083.34
3809771.66       45.99797  (21122216)
        371100.46   3809771.66       32.95630  (22122716)                370877.90
3809804.05       29.20704  (22022008)
        370895.02   3809804.05       28.65920  (22022008)                370912.14
3809804.05       29.81900  (21020823)
        370929.26   3809804.05       34.94276  (21020823)                370946.38
3809804.05       42.01682  (21020823)
```



```
                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3   ***
                                INCLUDING SOURCE(S):     L0000652    , L0000653
, L0000654    , L0000655    , L0000656    ,
                L0000657    , L0000658    , L0000659    , L0000660    , L0000661
, L0000662    , L0000663    , L0000664    ,
                L0000665    , L0000666    , L0000667    , L0000668    , L0000669
, L0000670    , L0000671    , L0000672    ,
                L0000673    , L0000674    , L0000675    , L0000676    , L0000677
, L0000678    , L0000679    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370963.50	3809804.05	67.40864	(21122216)	370980.62	3809804.05	94.69622	(21122216)
370997.74	3809804.05	88.93967	(21122216)	371014.86	3809804.05	79.15520	(21122216)
371049.10	3809804.05	57.49395	(21122216)	371066.22	3809804.05	45.22350	(21122216)
371083.34	3809804.05	32.34549	(21122216)	371100.46	3809804.05	26.54722	(22122716)
370963.50	3809836.44	62.43178	(21122216)	370980.62	3809836.44	70.92722	(21122216)
370997.74	3809836.44	66.74757	(21122216)	371014.86	3809836.44	59.38840	(21122216)
371031.98	3809836.44	51.35948	(21122216)	371049.10	3809836.44	42.55038	(21122216)
371066.22	3809836.44	33.16835	(21122216)	371083.34	3809836.44	24.98264	(22122716)
371049.10	3809868.83	32.29060	(21122216)	371066.22	3809868.83	25.15751	(21122216)
370912.14	3809901.22	26.76830	(20101717)	370980.62	3809901.22	42.16061	(21122216)
370997.74	3809901.22	39.92143	(21122216)	371014.86	3809901.22	35.72855	(21122216)
371031.98	3809901.22	30.63244	(21122216)	371049.10	3809901.22	25.14696	(21122216)
371066.22	3809901.22	20.52257	(21041204)	370895.02	3809933.61	24.54553	(23040918)
370912.14	3809933.61	22.89078	(21020823)	370929.26	3809933.61	27.34864	(21122216)
370946.38	3809933.61	31.45409	(21122216)	370963.50	3809933.61	33.75389	(21122216)
370980.62	3809933.61	33.79568	(21122216)	370997.74	3809933.61	31.80622	(21122216)
371014.86	3809933.61	28.44751	(21122216)	371049.10	3809933.61	19.99887	(21122216)
371066.22	3809933.61	18.42694	(21041204)	371083.34	3809933.61	17.51725	(21041204)
371100.46	3809933.61	16.26866	(21041204)	371014.86	3809966.00	23.01269	(21122216)
371031.98	3809966.00	19.69570	(21122216)	371049.10	3809966.00	17.07731	(21041204)

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        370718.97   3809370.33       40.45935  (21011404)                370736.66
3809370.33       37.09630  (21011404)
        370754.35   3809370.33       34.11042  (23022123)                370701.28
3809388.66       43.33912  (21011404)
        370718.97   3809388.66       39.78411  (21011404)                370736.66
3809388.66       36.52078  (21011404)
        370754.35   3809388.66       33.80801  (23022123)                370772.04
3809388.66       31.76068  (21022721)
        370648.21   3809406.99       55.03762  (20121716)                370665.90
3809406.99       48.88564  (21011404)
        370683.59   3809406.99       46.24734  (21011404)                370701.28
3809406.99       42.85234  (21011404)
        370718.97   3809406.99       39.33579  (21011404)                370736.66
3809406.99       36.11113  (21011404)
        370754.35   3809406.99       33.63716  (21022721)                370772.04
3809406.99       31.65029  (21022721)
        370612.83   3809425.32       81.50742  (20121716)                370630.52
3809425.32       67.93191  (20121716)
        370648.21   3809425.32       52.85133  (20121716)                370665.90
3809425.32       49.09215  (21011404)
        370683.59   3809425.32       45.86372  (21011404)                370701.28
3809425.32       42.42633  (21011404)
        370718.97   3809425.32       39.05022  (21011404)                370736.66
3809425.32       36.01491  (20010704)
        370754.35   3809425.32       33.71017  (18120402)                370772.04
3809425.32       31.71189  (21022721)
        370789.73   3809425.32       30.04956  (18012621)                370595.14
3809443.65       97.12986  (20121716)
        370612.83   3809443.65       85.20772  (20121716)                370630.52
3809443.65       65.95393  (20121716)
        370648.21   3809443.65       52.63325  (21011404)                370665.90
3809443.65       49.53725  (21011404)
        370683.59   3809443.65       45.83984  (21011404)                370701.28
3809443.65       42.00032  (21011404)
        370718.97   3809443.65       38.63809  (20010704)                370736.66
3809443.65       36.21858  (18120402)
        370754.35   3809443.65       34.12807  (18120402)                370772.04
3809443.65       32.03601  (18120402)
        370559.76   3809461.98      114.18879  (20121716)                370577.45
3809461.98      112.05861  (20121716)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                      ***        09:31:12

                                  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3   ***
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                                  INCLUDING SOURCE(S):     L0000652    , L0000653
, L0000654    , L0000655    , L0000656    ,
                  L0000657    , L0000658    , L0000659    , L0000660    , L0000661
, L0000662    , L0000663    , L0000664    ,
                  L0000665    , L0000666    , L0000667    , L0000668    , L0000669
, L0000670    , L0000671    , L0000672    ,
                  L0000673    , L0000674    , L0000675    , L0000676    , L0000677
, L0000678    , L0000679    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        370595.14   3809461.98      104.67283  (20121716)                370612.83
3809461.98       85.18582  (20121716)
        370630.52   3809461.98       61.25707  (20121716)                370648.21
3809461.98       52.30051  (21011404)
        370665.90   3809461.98       49.28199  (21011404)                370683.59
3809461.98       45.47498  (21011404)
        370701.28   3809461.98       41.75297  (20010704)                370718.97
3809461.98       38.78215  (18120402)
        370736.66   3809461.98       36.44057  (18120402)                370754.35
3809461.98       34.33566  (18120402)
        370595.14   3809480.31      111.10272  (20121716)                370612.83
3809480.31       79.01875  (20121716)
        370630.52   3809480.31       57.26674  (21011404)                370648.21
3809480.31       52.60788  (21011404)
        370665.90   3809480.31       48.59616  (21011404)                370683.59
3809480.31       45.20602  (20010704)
        370701.28   3809480.31       42.01379  (18120402)                370718.97
3809480.31       39.23368  (18120402)
        370612.83   3809498.64       70.96379  (20121716)                370630.52
3809498.64       57.04703  (21011404)
        370648.21   3809498.64       51.80994  (21011404)                370665.90
3809498.64       47.96557  (21011404)
        370683.59   3809498.64       44.46194  (20010704)                370701.28
3809498.64       41.97061  (18120402)
        370612.83   3809516.97       70.71446  (22022008)                370630.52
3809516.97       56.72448  (21011404)
        370648.21   3809516.97       51.84223  (21011404)                370665.90
3809516.97       47.58997  (18121719)
        370612.83   3809535.30       73.75439  (22022008)                370630.52
3809535.30       59.07452  (22022008)
        370648.21   3809535.30       50.91865  (20012319)                370665.90
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3809535.30       48.32137  (18121719)
        370595.14   3809553.63       99.92892  (22022008)                370612.83
3809553.63       75.40721  (22022008)
        370630.52   3809553.63       61.34133  (22022008)                370648.21
3809553.63       52.15269  (22022008)
        370595.14   3809571.96       98.44136  (22022008)                370612.83
3809571.96       76.63067  (22022008)
        370630.52   3809571.96       63.26494  (22022008)                370648.21
3809571.96       54.13746  (22022008)
        370595.14   3809590.29       98.09165  (22022008)                370612.83
3809590.29       78.26213  (22022008)
        370630.52   3809590.29       65.30224  (22022008)                370980.61
3809363.85       49.92531  (21020617)
        371021.98   3809363.85       85.66706  (21020617)                371021.98
3809614.93      108.32452  (21122216)
        371006.29   3809656.30       86.03133  (23123116)                371037.67
3809663.44      117.98041  (21122216)
        370952.08   3809766.15       52.44633  (23123116)                370969.19
3809791.83       79.79726  (21122216)
        370982.03   3809797.54      100.39750  (21122216)                371011.99
3809778.99      102.62951  (21122216)
        371051.94   3809729.06      115.90229  (21122216)                371080.47
3809696.25      114.03348  (21122216)
        371104.72   3809710.51       67.30990  (18050118)                371021.98
3809808.95       71.60724  (21122216)
        371039.10   3809811.80       59.68302  (21122216)                371097.59
3809751.88       40.07917  (22122716)
        371123.27   3809737.62       45.99071  (18050118)                371070.48
3809908.81       19.80677  (21041204)
        371118.99   3809921.65       15.08268  (21041204)                371111.86
3809931.64       15.36858  (21041204)
        371041.95   3809974.44       16.88745  (21041304)                370886.45
3809933.06       26.18981  (23040918)
        370906.42   3809897.40       27.76657  (20101717)                371039.10
3809935.92       22.20746  (21122216)
        371053.36   3809925.93       19.92991  (21122216)                370949.22
3809895.97       38.46052  (21122216)
        370962.06   3809868.87       50.24054  (21122216)                371047.66
3809895.97       26.63157  (21122216)
        371059.07   3809874.57       26.84747  (21122216)                370795.15
3809778.99       44.70374  (22022008)
        370796.58   3809700.53       35.15634  (22022008)                370795.15
3809691.97       34.75147  (22022008)
        370857.92   3809690.54       31.12051  (22022008)                370906.42
3809670.57       32.86642  (22022008)
        370926.40   3809656.30       40.26218  (23123116)                370944.94
3809606.37       50.02588  (23123116)
        370952.08   3809602.09       52.63448  (23123116)                370976.33
3809599.24       63.99972  (23123116)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3   ***
                                INCLUDING SOURCE(S):   L0000652   , L0000653
, L0000654   , L0000655   , L0000656   ,
                  L0000657   , L0000658   , L0000659   , L0000660   , L0000661
, L0000662   , L0000663   , L0000664   ,
                  L0000665   , L0000666   , L0000667   , L0000668   , L0000669
, L0000670   , L0000671   , L0000672   ,
                  L0000673   , L0000674   , L0000675   , L0000676   , L0000677
, L0000678   , L0000679   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370556.91   3809462.28   113.06830 (20121716)   370623.96
3809415.21   72.46131 (20121716)
        370639.65   3809402.37   61.05089 (20121716)   370676.74
3809403.79   47.29758 (21011404)
        370746.64   3809343.88   36.06289 (21011404)   370799.43
3809435.18   29.40709 (18012621)
        370673.89   3809520.77   46.19630 (18121719)   370642.50
3809603.52   60.39107 (22022008)
        370576.88   3809599.24   134.62499 (22022008)   370611.12
3809499.38   73.18172 (20121716)
        370612.54   3809493.67   73.46983 (20121716)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***

INCLUDING SOURCE(S): L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370980.62	3809382.98	52.57377	(23123116)	370997.74	3809382.98	65.84476	(21020617)
371014.86	3809382.98	85.92737	(21020617)	370980.62	3809415.37	65.05423	(23123116)
370997.74	3809415.37	77.07786	(23123116)	371014.86	3809415.37	90.42212	(21020617)
370980.62	3809447.76	62.83311	(23123116)	370997.74	3809447.76	71.91530	(23123116)
371014.86	3809447.76	91.21400	(21020617)	370980.62	3809480.15	62.61314	(23123116)
370997.74	3809480.15	72.47734	(23123116)	371014.86	3809480.15	92.14749	(21020617)
370980.62	3809512.54	63.36791	(23123116)	370997.74	3809512.54	73.42861	(23123116)
371014.86	3809512.54	92.20070	(21020617)	370980.62	3809544.93	64.09405	(23123116)
370997.74	3809544.93	74.31608	(23123116)	371014.86	3809544.93	91.73739	(21020617)
370980.62	3809577.32	64.99216	(23123116)	370997.74	3809577.32	75.25482	(23123116)
371014.86	3809577.32	90.37995	(21020617)	370946.38	3809609.71	50.88053	(23123116)
370963.50	3809609.71	58.73220	(23123116)	370980.62	3809609.71	67.78714	(23123116)
370997.74	3809609.71	77.79226	(23123116)	371014.86	3809609.71	89.26274	(22022008)
370946.38	3809642.10	50.83146	(23123116)	370963.50	3809642.10	60.43695	(23123116)
370980.62	3809642.10	72.92343	(23123116)	370997.74	3809642.10	88.54522	(23123116)
370912.14	3809674.49	33.42890	(22022008)	370929.26			

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3809674.49       37.57164  (23123116)
        370946.38   3809674.49       42.61538  (23123116)                370963.50
3809674.49       48.52648  (23123116)
        370980.62   3809674.49       55.12409  (23123116)                370997.74
3809674.49       64.66639  (21122216)
        371014.86   3809674.49      105.63001  (21122216)                370809.42
3809706.88       34.21107  (22022008)
        370826.54   3809706.88       32.76150  (22022008)                370843.66
3809706.88       31.77809  (22022008)
        370860.78   3809706.88       31.28229  (22022008)                370877.90
3809706.88       31.31637  (22022008)
        370895.02   3809706.88       31.96158  (22022008)                370912.14
3809706.88       33.35627  (22022008)
        370929.26   3809706.88       35.73559  (22022008)                370946.38
3809706.88       39.48658  (22022008)
        370963.50   3809706.88       45.24109  (22022008)                370980.62
3809706.88       54.19161  (22022008)
        370997.74   3809706.88       69.27760  (22022008)                371083.34
3809706.88      106.90978  (21122216)
        370809.42   3809739.27       36.29066  (22022008)                370826.54
3809739.27       34.03464  (22022008)
        370843.66   3809739.27       32.44152  (22022008)                370860.78
3809739.27       31.48462  (22022008)
        370877.90   3809739.27       31.17539  (22022008)                370895.02
3809739.27       31.60036  (22022008)
        370912.14   3809739.27       32.97263  (22022008)                370929.26
3809739.27       38.00764  (23123116)
        370946.38   3809739.27       43.95994  (23123116)                370963.50
3809739.27       51.61039  (22022008)
        371049.10   3809739.27      108.57301  (21122216)                371066.22
3809739.27       91.19770  (21122216)
        370809.42   3809771.66       39.05560  (22022008)                370826.54
3809771.66       35.37147  (22022008)
        370843.66   3809771.66       32.87795  (22022008)                370860.78
3809771.66       31.30606  (22022008)
        370877.90   3809771.66       30.52505  (22022008)                370895.02
3809771.66       30.53654  (22022008)
        370912.14   3809771.66       31.53340  (22022008)                370929.26
3809771.66       34.89582  (23123116)
        370946.38   3809771.66       43.90298  (23123116)                371031.98
3809771.66       93.63344  (21122216)
        371049.10   3809771.66       79.15787  (21122216)                371083.34
3809771.66       45.99797  (21122216)
        371100.46   3809771.66       32.95630  (22122716)                370877.90
3809804.05       29.20704  (22022008)
        370895.02   3809804.05       28.65920  (22022008)                370912.14
3809804.05       29.81900  (21020823)
        370929.26   3809804.05       34.94276  (21020823)                370946.38
3809804.05       42.01682  (21020823)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000652   , L0000653 , L0000654   , L0000655   , L0000656   ,
                L0000657   , L0000658   , L0000659   , L0000660   , L0000661 , L0000662   , L0000663   , L0000664   ,
                L0000665   , L0000666   , L0000667   , L0000668   , L0000669 , L0000670   , L0000671   , L0000672   ,
                L0000673   , L0000674   , L0000675   , L0000676   , L0000677 , L0000678   , L0000679   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        370963.50   3809804.05   67.40864 (21122216)   370980.62   3809804.05   94.69622 (21122216)
        370997.74   3809804.05   88.93967 (21122216)   371014.86   3809804.05   79.15520 (21122216)
        371049.10   3809804.05   57.49395 (21122216)   371066.22   3809804.05   45.22350 (21122216)
        371083.34   3809804.05   32.34549 (21122216)   371100.46   3809804.05   26.54722 (22122716)
        370963.50   3809836.44   62.43178 (21122216)   370980.62   3809836.44   70.92722 (21122216)
        370997.74   3809836.44   66.74757 (21122216)   371014.86   3809836.44   59.38840 (21122216)
        371031.98   3809836.44   51.35948 (21122216)   371049.10   3809836.44   42.55038 (21122216)
        371066.22   3809836.44   33.16835 (21122216)   371083.34   3809836.44   24.98264 (22122716)
        371049.10   3809868.83   32.29060 (21122216)   371066.22   3809868.83   25.15751 (21122216)
        370912.14   3809901.22   26.76830 (20101717)   370980.62   3809901.22   42.16061 (21122216)
        370997.74   3809901.22   39.92143 (21122216)   371014.86   3809901.22   35.72855 (21122216)

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        371031.98   3809901.22       30.63244  (21122216)               371049.10
3809901.22       25.14696  (21122216)
        371066.22   3809901.22       20.52257  (21041204)               370895.02
3809933.61       24.54553  (23040918)
        370912.14   3809933.61       22.89078  (21020823)               370929.26
3809933.61       27.34864  (21122216)
        370946.38   3809933.61       31.45409  (21122216)               370963.50
3809933.61       33.75389  (21122216)
        370980.62   3809933.61       33.79568  (21122216)               370997.74
3809933.61       31.80622  (21122216)
        371014.86   3809933.61       28.44751  (21122216)               371049.10
3809933.61       19.99887  (21122216)
        371066.22   3809933.61       18.42694  (21041204)               371083.34
3809933.61       17.51725  (21041204)
        371100.46   3809933.61       16.26866  (21041204)               371014.86
3809966.00       23.01269  (21122216)
        371031.98   3809966.00       19.69570  (21122216)               371049.10
3809966.00       17.07731  (21041204)
        370718.97   3809370.33       40.45935  (21011404)               370736.66
3809370.33       37.09630  (21011404)
        370754.35   3809370.33       34.11042  (23022123)               370701.28
3809388.66       43.33912  (21011404)
        370718.97   3809388.66       39.78411  (21011404)               370736.66
3809388.66       36.52078  (21011404)
        370754.35   3809388.66       33.80801  (23022123)               370772.04
3809388.66       31.76068  (21022721)
        370648.21   3809406.99       55.03762  (20121716)               370665.90
3809406.99       48.88564  (21011404)
        370683.59   3809406.99       46.24734  (21011404)               370701.28
3809406.99       42.85234  (21011404)
        370718.97   3809406.99       39.33579  (21011404)               370736.66
3809406.99       36.11113  (21011404)
        370754.35   3809406.99       33.63716  (21022721)               370772.04
3809406.99       31.65029  (21022721)
        370612.83   3809425.32       81.50742  (20121716)               370630.52
3809425.32       67.93191  (20121716)
        370648.21   3809425.32       52.85133  (20121716)               370665.90
3809425.32       49.09215  (21011404)
        370683.59   3809425.32       45.86372  (21011404)               370701.28
3809425.32       42.42633  (21011404)
        370718.97   3809425.32       39.05022  (21011404)               370736.66
3809425.32       36.01491  (20010704)
        370754.35   3809425.32       33.71017  (18120402)               370772.04
3809425.32       31.71189  (21022721)
        370789.73   3809425.32       30.04956  (18012621)               370595.14
3809443.65       97.12986  (20121716)
        370612.83   3809443.65       85.20772  (20121716)               370630.52
3809443.65       65.95393  (20121716)
        370648.21   3809443.65       52.63325  (21011404)               370665.90
3809443.65       49.53725  (21011404)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000652 , L0000653 , L0000654 , L0000655 , L0000656 ,
L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 ,
L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 ,
L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
370595.14	3809461.98	104.67283	(20121716)	370612.83	3809461.98	85.18582	(20121716)
370630.52	3809461.98	61.25707	(20121716)	370648.21	3809461.98	52.30051	(21011404)
370665.90	3809461.98	49.28199	(21011404)	370683.59	3809461.98	45.47498	(21011404)
370701.28	3809461.98	41.75297	(20010704)	370718.97	3809461.98	38.78215	(18120402)
370736.66	3809461.98	36.44057	(18120402)	370754.35	3809461.98	34.33566	(18120402)
370595.14	3809480.31	111.10272	(20121716)	370612.83	3809480.31	79.01875	(20121716)
370630.52	3809480.31	57.26674	(21011404)	370648.21			

3809480.31 52.60788 (21011404)
370665.90 3809480.31 48.59616 (21011404) 370683.59
3809480.31 45.20602 (20010704)
370701.28 3809480.31 42.01379 (18120402) 370718.97
3809480.31 39.23368 (18120402)
370612.83 3809498.64 70.96379 (20121716) 370630.52
3809498.64 57.04703 (21011404)
370648.21 3809498.64 51.80994 (21011404) 370665.90
3809498.64 47.96557 (21011404)
370683.59 3809498.64 44.46194 (20010704) 370701.28
3809498.64 41.97061 (18120402)
370612.83 3809516.97 70.71446 (22022008) 370630.52
3809516.97 56.72448 (21011404)
370648.21 3809516.97 51.84223 (21011404) 370665.90
3809516.97 47.58997 (18121719)
370612.83 3809535.30 73.75439 (22022008) 370630.52
3809535.30 59.07452 (22022008)
370648.21 3809535.30 50.91865 (20012319) 370665.90
3809535.30 48.32137 (18121719)
370595.14 3809553.63 99.92892 (22022008) 370612.83
3809553.63 75.40721 (22022008)
370630.52 3809553.63 61.34133 (22022008) 370648.21
3809553.63 52.15269 (22022008)
370595.14 3809571.96 98.44136 (22022008) 370612.83
3809571.96 76.63067 (22022008)
370630.52 3809571.96 63.26494 (22022008) 370648.21
3809571.96 54.13746 (22022008)
370595.14 3809590.29 98.09165 (22022008) 370612.83
3809590.29 78.26213 (22022008)
370630.52 3809590.29 65.30224 (22022008) 370980.61
3809363.85 49.92531 (21020617)
371021.98 3809363.85 85.66706 (21020617) 371021.98
3809614.93 108.32452 (21122216)
371006.29 3809656.30 86.03133 (23123116) 371037.67
3809663.44 117.98041 (21122216)
370952.08 3809766.15 52.44633 (23123116) 370969.19
3809791.83 79.79726 (21122216)
370982.03 3809797.54 100.39750 (21122216) 371011.99
3809778.99 102.62951 (21122216)
371051.94 3809729.06 115.90229 (21122216) 371080.47
3809696.25 114.03348 (21122216)
371104.72 3809710.51 67.30990 (18050118) 371021.98
3809808.95 71.60724 (21122216)
371039.10 3809811.80 59.68302 (21122216) 371097.59
3809751.88 40.07917 (22122716)
371123.27 3809737.62 45.99071 (18050118) 371070.48
3809908.81 19.80677 (21041204)
371118.99 3809921.65 15.08268 (21041204) 371111.86
3809931.64 15.36858 (21041204)
371041.95 3809974.44 16.88745 (21041304) 370886.45

3809933.06   26.18981 (23040918)
        370906.42   3809897.40   27.76657 (20101717)   371039.10
3809935.92   22.20746 (21122216)
        371053.36   3809925.93   19.92991 (21122216)   370949.22
3809895.97   38.46052 (21122216)
        370962.06   3809868.87   50.24054 (21122216)   371047.66
3809895.97   26.63157 (21122216)
        371059.07   3809874.57   26.84747 (21122216)   370795.15
3809778.99   44.70374 (22022008)
        370796.58   3809700.53   35.15634 (22022008)   370795.15
3809691.97   34.75147 (22022008)
        370857.92   3809690.54   31.12051 (22022008)   370906.42
3809670.57   32.86642 (22022008)
        370926.40   3809656.30   40.26218 (23123116)   370944.94
3809606.37   50.02588 (23123116)
        370952.08   3809602.09   52.63448 (23123116)   370976.33
3809599.24   63.99972 (23123116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000652   , L0000653
, L0000654   , L0000655   , L0000656   ,
                   L0000657   , L0000658   , L0000659   , L0000660   , L0000661
, L0000662   , L0000663   , L0000664   ,
                   L0000665   , L0000666   , L0000667   , L0000668   , L0000669
, L0000670   , L0000671   , L0000672   ,
                   L0000673   , L0000674   , L0000675   , L0000676   , L0000677
, L0000678   , L0000679   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        370556.91   3809462.28   113.06830 (20121716)   370623.96
3809415.21   72.46131 (20121716)
        370639.65   3809402.37   61.05089 (20121716)   370676.74
3809403.79   47.29758 (21011404)

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
PHASE3	1ST HIGHEST VALUE IS	50.61291	AT (370576.88, 3809599.24, 494.92, 1482.08, 0.00)	DC	
	2ND HIGHEST VALUE IS	44.12847	AT (371037.67, 3809663.44, 492.81, 1482.08, 0.00)	DC	
	3RD HIGHEST VALUE IS	39.83130	AT (371021.98, 3809614.93, 493.25, 1482.08, 0.00)	DC	
	4TH HIGHEST VALUE IS	37.33790	AT (370595.14, 3809553.63, 496.24, 1482.08, 0.00)	DC	
	5TH HIGHEST VALUE IS	36.96086	AT (370595.14, 3809590.29, 495.19, 1482.08, 0.00)	DC	
	6TH HIGHEST VALUE IS	36.93834	AT (370595.14, 3809571.96, 495.66, 1482.08, 0.00)	DC	
	7TH HIGHEST VALUE IS	35.57754	AT (371014.86, 3809609.71, 493.65, 1482.08, 0.00)	DC	
	8TH HIGHEST VALUE IS	35.04035	AT (371014.86, 3809577.32, 495.25, 1482.08, 0.00)	DC	
	9TH HIGHEST VALUE IS	34.54437	AT (371014.86, 3809544.93, 496.22, 1482.08, 0.00)	DC	
	10TH HIGHEST VALUE IS	34.05712	AT (371080.47, 3809696.25, 491.77, 1482.08, 0.00)	DC	

```
ALL       1ST HIGHEST VALUE IS      50.61291 AT (  370576.88,  3809599.24,   494.92,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      44.12847 AT (  371037.67,  3809663.44,   492.81,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      39.83130 AT (  371021.98,  3809614.93,   493.25,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      37.33790 AT (  370595.14,  3809553.63,   496.24,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      36.96086 AT (  370595.14,  3809590.29,   495.19,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      36.93834 AT (  370595.14,  3809571.96,   495.66,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      35.57754 AT (  371014.86,  3809609.71,   493.65,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      35.04035 AT (  371014.86,  3809577.32,   495.25,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      34.54437 AT (  371014.86,  3809544.93,   496.22,
 1482.08,    0.00)  DC
         10TH HIGHEST VALUE IS      34.05712 AT (  371080.47,  3809696.25,   491.77,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

                                                        DATE
                                          NETWORK
GROUP ID                             AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

PHASE3   HIGH   1ST HIGH VALUE IS     134.62499  ON 22022008: AT (  370576.88,
```

3809599.24,   494.92, 1482.08,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   134.62499 ON 22022008: AT (370576.88,
3809599.24,   494.92, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   4 Warning Message(s)
 A Total of   885 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   217 Calm Hours Identified

 A Total of   668 Missing Hours Identified (1.52 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   1639   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   1639   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ****
    *** AERMOD Finishes Successfully ***
    ****

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    36.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Belcaro_Ph2_Onsite.err

 **File for Summary of Results:   Belcaro_Ph2_Onsite.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.sfc Met Version: 22112
Profile file: ..\Belcaro Offsite Construction HRA\Belcaro.dat\SCLR_V11_trimmed.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 23130 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-2.6	0.074	-9.000	-9.000	-999.	49.	13.5	0.09	2.01	1.00	0.88	144.	10.0	280.2	9.0
18	01	01	1	02	-3.8	0.086	-9.000	-9.000	-999.	60.	14.4	0.09	2.01	1.00	1.10	130.	10.0	279.9	9.0
18	01	01	1	03	-3.4	0.085	-9.000	-9.000	-999.	59.	15.4	0.17	2.01	1.00	0.91	163.	10.0	279.6	9.0
18	01	01	1	04	-3.6	0.083	-9.000	-9.000	-999.	58.	14.1	0.09	2.01	1.00	1.06	130.	10.0	278.9	9.0
18	01	01	1	05	-4.0	0.088	-9.000	-9.000	-999.	63.	14.6	0.09	2.01	1.00	1.14	141.	10.0	278.8	9.0
18	01	01	1	06	-2.5	0.076	-9.000	-9.000	-999.	50.	15.2	0.17	2.01	1.00	0.73	173.	10.0	278.0	9.0
18	01	01	1	07	-4.0	0.087	-9.000	-9.000	-999.	62.	14.5	0.09	2.01	1.00	1.13	136.	10.0	277.7	9.0
18	01	01	1	08	-2.4	0.072	-9.000	-9.000	-999.	47.	13.7	0.09	2.01	0.59	0.89	133.	10.0	278.6	9.0
18	01	01	1	09	24.8	0.157	0.329	0.017	50.	149.	-13.6	0.31	2.01	0.35	0.97	314.	7.9	282.4	9.0
18	01	01	1	10	89.7	0.133	0.759	0.015	170.	117.	-2.3	0.03	2.01	0.27	1.33	19.	7.9	288.8	9.0
18	01	01	1	11	136.0	0.159	1.034	0.012	283.	152.	-2.6	0.19	2.01	0.24	0.90	297.	10.0	293.2	9.0
18	01	01	1	12	160.4	0.220	1.215	0.009	388.	248.	-5.8	0.10	2.01	0.23	1.81	317.	10.0	296.8	9.0
18	01	01	1	13	160.9	0.252	1.349	0.007	530.	304.	-8.7	0.05	2.01	0.23	2.60	45.	10.0	298.6	9.0
18	01	01	1	14	137.1	0.304	1.368	0.006	648.	402.	-17.8	0.05	2.01	0.24	3.35	63.	10.0	298.6	9.0
18	01	01	1	15	98.3	0.270	1.273	0.006	729.	337.	-17.3	0.05	2.01	0.28	2.96	65.	10.0	298.6	9.0
18	01	01	1	16	38.6	0.184	0.941	0.006	748.	193.	-14.1	0.05	2.01	0.36	1.98	60.	10.0	297.6	9.0
18	01	01	1	17	-6.2	0.111	-9.000	-9.000	-999.	91.	19.4	0.05	2.01	0.62	1.62	36.	10.0	296.0	9.0
18	01	01	1	18	-2.4	0.073	-9.000	-9.000	-999.	47.	13.8	0.10	2.01	1.00	0.84	325.	10.0	293.8	9.0
18	01	01	1	19	-4.0	0.091	-9.000	-9.000	-999.	65.	16.3	0.17	2.01	1.00	1.00	159.	10.0	290.5	9.0
18	01	01	1	20	-5.3	0.100	-9.000	-9.000	-999.	76.	16.7	0.09	2.01	1.00	1.32	124.	10.0	287.2	9.0
18	01	01	1	21	-6.3	0.110	-9.000	-9.000	-999.	88.	18.3	0.09	2.01	1.00	1.44	128.	10.0	285.8	9.0
18	01	01	1	22	-3.6	0.084	-9.000	-9.000	-999.	59.	14.3	0.09	2.01	1.00	1.08	136.	10.0	285.4	9.0
18	01	01	1	23	-5.3	0.100	-9.000	-9.000	-999.	76.	16.5	0.08	2.01						

```
1.00    1.35  120.   10.0  285.3    9.0
 18 01 01   1 24   -4.7  0.095 -9.000 -9.000 -999.   70.     15.8  0.09   2.01
1.00    1.24  126.   10.0  285.9    9.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01    9.0 0 -999.  -99.00   280.2   99.0  -99.00  -99.00
 18 01 01 01   10.0 1  144.    0.88  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43824
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

PHASE3    1ST HIGHEST VALUE IS      50.61291 AT (  370576.88,  3809599.24,   494.92,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      44.12847 AT (  371037.67,  3809663.44,   492.81,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      39.83130 AT (  371021.98,  3809614.93,   493.25,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      37.33790 AT (  370595.14,  3809553.63,   496.24,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      36.96086 AT (  370595.14,  3809590.29,   495.19,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      36.93834 AT (  370595.14,  3809571.96,   495.66,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      35.57754 AT (  371014.86,  3809609.71,   493.65,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      35.04035 AT (  371014.86,  3809577.32,   495.25,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      34.54437 AT (  371014.86,  3809544.93,   496.22,
```

```
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      34.05712 AT (  371080.47,  3809696.25,   491.77,
 1482.08,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      50.61291 AT (  370576.88,  3809599.24,   494.92,
 1482.08,    0.00)  DC
          2ND HIGHEST VALUE IS      44.12847 AT (  371037.67,  3809663.44,   492.81,
 1482.08,    0.00)  DC
          3RD HIGHEST VALUE IS      39.83130 AT (  371021.98,  3809614.93,   493.25,
 1482.08,    0.00)  DC
          4TH HIGHEST VALUE IS      37.33790 AT (  370595.14,  3809553.63,   496.24,
 1482.08,    0.00)  DC
          5TH HIGHEST VALUE IS      36.96086 AT (  370595.14,  3809590.29,   495.19,
 1482.08,    0.00)  DC
          6TH HIGHEST VALUE IS      36.93834 AT (  370595.14,  3809571.96,   495.66,
 1482.08,    0.00)  DC
          7TH HIGHEST VALUE IS      35.57754 AT (  371014.86,  3809609.71,   493.65,
 1482.08,    0.00)  DC
          8TH HIGHEST VALUE IS      35.04035 AT (  371014.86,  3809577.32,   495.25,
 1482.08,    0.00)  DC
          9TH HIGHEST VALUE IS      34.54437 AT (  371014.86,  3809544.93,   496.22,
 1482.08,    0.00)  DC
        10TH HIGHEST VALUE IS      34.05712 AT (  371080.47,  3809696.25,   491.77,
 1482.08,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Belcaro\Belcaro.i ***        12/10/24
 *** AERMET - VERSION  22112 ***   ***
                       ***        09:31:12

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                    DATE
                                         NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

PHASE3   HIGH   1ST HIGH VALUE IS   134.62499 ON 22022008: AT (370576.88,
3809599.24,   494.92, 1482.08,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   134.62499 ON 22022008: AT (370576.88,
3809599.24,   494.92, 1482.08,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   4 Warning Message(s)
 A Total of   885 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   217 Calm Hours Identified

 A Total of   668 Missing Hours Identified (1.52 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   1639   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   1639   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450   8761   CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

HARP2 - HRACalc (dated 22118) 12/17/2024 2:06:08 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.234615

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.234615
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP 2ND PHASE\hra\Ph1Onsite_Ph2Exposure_Unmit_Cancer_MERV13CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP 2ND PHASE\hra\Ph1Onsite_Ph2Exposure_Unmit_Cancer_MERV13CancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:20:45 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP 2ND PHASE\hra\Ph1Onsite_Ph2Exposure_Unmit_Chronic_MERV13NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP 2ND PHASE\hra\Ph1Onsite_Ph2Exposure_Unmit_Chronic_MERV13NCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:25:09 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1.234615

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1.234615
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP PH3\hra\Ph1Onsite_Ph3Exposure_MERV13_CancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP PH3\hra\Ph1Onsite_Ph3Exposure_MERV13_CancerCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:25:38 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP PH3\hra\Ph1Onsite_Ph3Exposure_MERV13_ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH1 ONSITE EXP PH3\hra\Ph1Onsite_Ph3Exposure_MERV13_ChronicNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:33:49 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 0.97

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0.97
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH2 ONSITE EXP PH3\hra\Ph2Onsite_Ph3Exp_Unmit_MERV13_CancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH2 ONSITE EXP PH3\hra\Ph2Onsite_Ph3Exp_Unmit_MERV13_CancerCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 12/17/2024 2:34:20 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH2 ONSITE EXP PH3\hra\Ph2Onsite_Ph3Exp_Unmit_MERV13_ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\BELCARO PH2 ONSITE EXP PH3\hra\Ph2Onsite_Ph3Exp_Unmit_MERV13_ChronicNCChronicRiskSumByRec.csv
HRA ran successfully

Appendix F
Energy Calculations

Construction

Source	Percent	Total MTC(	Gallons Diesel	Gallons Gasoline
2026				
Off-road	96.3%	697	68,292	
Electricity	0.0%	0		
Worker	3.0%	22		2,474
Vendor	0.7%	5	496	
Hauling	0.0%	0	0	
Onsite Truck	0.0%	0	0	
Total	*100.0%*	*724*	*68,788*	*2,474*
2027				
Off-road	95.6%	1,550	151,827	
Electricity	0.0%	0		
Worker	3.4%	55		6,279
Vendor	1.0%	16	1,588	
Hauling	0.0%	0	0	
Onsite Truck	0.0%	0	0	
Total	*100.0%*	*1,622*	*153,416*	*6,279*
2028				
Off-road	*74.1%*	*498*	*48,732*	
Electricity	*0.0%*	*0*		
Worker	*18.1%*	*121*		*13,817*
Vendor	*7.8%*	*53*	*5,152*	
Hauling	*0.0%*	*0*		
Onsite Truck	*0.0%*	*0*		
Total	*100.0%*	*671*		
2029				
Off-road	*64.9%*	*475*	*46,521*	
Electricity	*0.0%*	*0*		
Worker	*24.8%*	*182*		*20,683*
Vendor	*10.3%*	*76*	*7,411*	
Hauling	*0.0%*	*0*		
Onsite Truck	*0.0%*	*0*		
Total	*100.0%*	*732*		
2030				
Off-road	*57.5%*	*291*	*28,547*	
Electricity	*0.0%*	*0*		
Worker	*29.0%*	*147*		*16,742*
Vendor	*13.5%*	*68*	*6,702*	
Hauling	*0.0%*	*0*		
Onsite Truck	*0.0%*	*0*		
Total	*100.0%*	*507*		
2031				
Off-road	*60.3%*	*42*	*4,137*	
Electricity	*0.0%*	*0*		
Worker	*28.0%*	*20*		*2,234*
Vendor	*11.7%*	*8*	*803*	
Hauling	*0.0%*	*0*		
Onsite Truck	*0.0%*	*0*		
Total	*100.0%*	*70*		
Total Construction Period				
Off-road	82.1%	3,554	348,055	0
Electricity	0.0%	0	0	0
Worker	12.6%	546	0	62,229
Vendor	5.2%	226	22,152	0
Hauling	0.0%	0	0	0
Onsite Truck	0.0%	0	0	0
Total	***100.0%***	***4,326***	***370,207***	***62,229***

Operation

Source	Percent	Total MTCO2	Gallons Diesel	Gallons Gasoline
Mobile Exhaust Gasoline	62.0%	1,613.32		183,749
Mobile Exhaust Diesel	16.9%	438.46	42,944	
Landscape Equipment	0.2%	5.98		
Electricity	16.0%	415.56		
Natural Gas Energy	0.0%	0.00		
Water and Wastewater	1.1%	28.09		
Solid Waste	3.4%	88.16		
Hearths	0.4%	10.92		
Total	**100.0%**	**2600.47**	**42,944**	**183,749**

Type	Total	Units
Petroleum	226,693	gallons/year
Electricity - unmitigated	3,513,983	kWh/year
Natural Gas	0	kBTU/year

432,436

Constants		
Fuel	**KgCO2/Gall**	1000 Kg in MT
Gasoline	8.78	
Diesel	10.21	

Source: The Climate Registry 2021

Table 2.1 U.S. Default Factors for Calculating CO_2 Emissions from Combustion of Transport Fuels

Fuel Type	Carbon Content (Per Unit Energy)	Heat Content	Fraction Oxidized	CO_2 Emission Factor (Per Unit Volume)
Fuels Measured in Gallons	kg C / MMBtu	MMBtu / barrel		kg CO_2 / gallon
Gasoline	19.2	5.25	1	8.78
Diesel Fuel	20.2	5.80	1	10.21