# Appendix D-b Health Risk Assessment

# Appendices

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November 2023 | Health Risk Assessment

# WALNUT BUSINESS PARK PROJECT

City of Walnut

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# 1. Introduction

Valley Industrial proposes to develop four concrete tilt-up buildings on an approximate 23-acre site in the City of Walnut, Los Angeles County, California (Walnut Business Park or proposed project). The four buildings would encompass a total of 414,778 square feet (SF) of building space and include 392,488 SF of warehousing space and 22,290 SF of office space. The buildings would also include 53,549 SF of refrigerated area.

The nearest air quality sensitive receptors to the project site include single-family residence approximately 515 feet to the north. Additionally, Montessori of Walnut preschool is located 830 feet to the west, Ron Hockwalt Academies High School is located approximately 940 feet to the south and Vejar Elementary School is 1,150 feet to the north. Operation of the proposed project would generate diesel particulate matter (DPM, a toxic air contaminant) emissions due to trucking- and warehouse-related activity in proximity to these nearby sensitive receptors. As recommended under the guidelines of "Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act" prepared by the Office of the Attorney General of California, an operational health risk assessment (HRA) was conducted to evaluate potential health risk impacts from project-related truck trips and other project-related sources of DPM to the nearby surrounding sensitive receptors (OAG, 2023). Guidance from the California Environmental Protection Agency (CalEPA), Office of Environmental Health Hazard Assessment (OEHHA), California Air Pollution Control Officers Association (CAPCOA), and the South Coast Air Quality Management District (South Coast AQMD) was used to complete the HRA.

In addition to project operation, project construction is anticipated to take place starting in January 2025 and be completed by end of April 2026. The nearby sensitive receptors could be potentially impacted from the proposed construction activities. Therefore, the health risk impacts from construction activities were also determined for nearby sensitive receptors.

This report presents the results of a construction and operational health risk assessment for the proposed project. This HRA considers the health impact to sensitive receptors from diesel trucks, transport refrigeration units (TRUs) and diesel-fueled off-road equipment (i.e., yard trucks). Health impacts were based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and OEHHA (2015) note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks. Therefore, the estimated risks do not necessarily represent actual risks experienced by populations near a site. The use of conservative assumptions tends to produce upper-bound estimates of risk and usually overestimate exposure and thus risk.

# 1. Introduction

For residential-based receptors, the following conservative assumptions were used:

- It was assumed that maximum exposed children and adults stood outside at the site for 24 hours per day, 350 days per year. In reality, California residents typically spend, on average, 2 hours per day outdoors at their residences (USEPA, 2011). This would result in lower estimated risk values.
- The calculated risk for infants from third trimester to age 2 years is multiplied by a factor of 10 and for children from 2 to 16 years is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

For school receptors, the following conservative assumptions were used:

- It was assumed that children at Montessori of Walnut preschool stood outside for 250 days per year, 8 hours per day for 5 years—ages 2 to 6 years. In reality, children are exposed to outdoor pollutant concentration levels only during outdoor breaks and are exposed to reduced indoor pollutant concentrations for the remaining preschool hours. This would result in lower estimated risk values.
- The calculated risk for preschool children from ages 2 to 6 years is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015)
- It was assumed that students at Vejar Elementary School and Ron Hockwalt Academies High School stood outside for 180 days per year, 8 hours per day for 7 years for elementary students (transitional kindergarten through 5$^{th}$ grade) and 4 years for high school students. In reality, students are exposed to outdoor pollutant concentration levels only during breaks and lunch and are exposed to reduced indoor pollutant concentrations for the remaining school hours. This would result in lower estimated risk values.
- The calculated risk for elementary and high school students from ages 2 to 16 years is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

# 2. Project Description

The approximately 23-acre Walnut Business Park is between Valley Boulevard to the south, S. Lemon Avenue to the west, Paseo Del Prado to the north, and existing industrial development to the east in the City of Walnut. Beyond Valley Boulevard to the south is the Southern Pacific Railroad line, San Jose Creek and the City of Industry. The property immediately northeast of the intersection of S. Lemon Avenue and Valley Boulevard is not a part of the project site. The property immediately southeast of the intersection of Paseo Del Prado and Paseo Tesoro is not a part of the project site (see Figure 1, *Aerial Photograph*).

The proposed project would develop four concrete tilt-up buildings and include 392,488 SF of warehousing space, 22,290 SF of office space, and 53,549 SF of refrigerated area. Construction of the proposed project would occur between January 2025 through the end of April 2026. The proposed operating hours of the potential business(es) that may occupy the building would be 24 hours per day, seven days a week. The proposed land uses are shown in Table 1, *Proposed Land Uses*.

**Table 1 Proposed Land Uses**

| | Warehouse Uses (Square Feet) | Office Uses (Square Feet) | Loading Docks |
|---|---|---|---|
| Building 1 | 187,911 | 9,636 | 24 |
| Building 2 | 35,968 | 2,224 | 3 |
| Building 3 | 88,774 | 5,492 | 14 |
| Building 4 | 79,835 | 4,938 | 13 |
| **Total** | **392,488** | **22,290** | **54** |

Source: Ware Malcomb 2022.

The proposed site plan for the proposed project is shown in Figure 2, *Conceptual Site Plan*. The site's development would involve demolition of the existing buildings on-site which include an existing industrial business park accommodating a myriad of primarily commercial and light industrial uses, including a beef jerky manufacturer, chorizo manufacturer, roofing material supplier, a car body shop repair facility, pizza restaurant, Mexican food supply store, rent-a-car office, and pet food supply outlet.

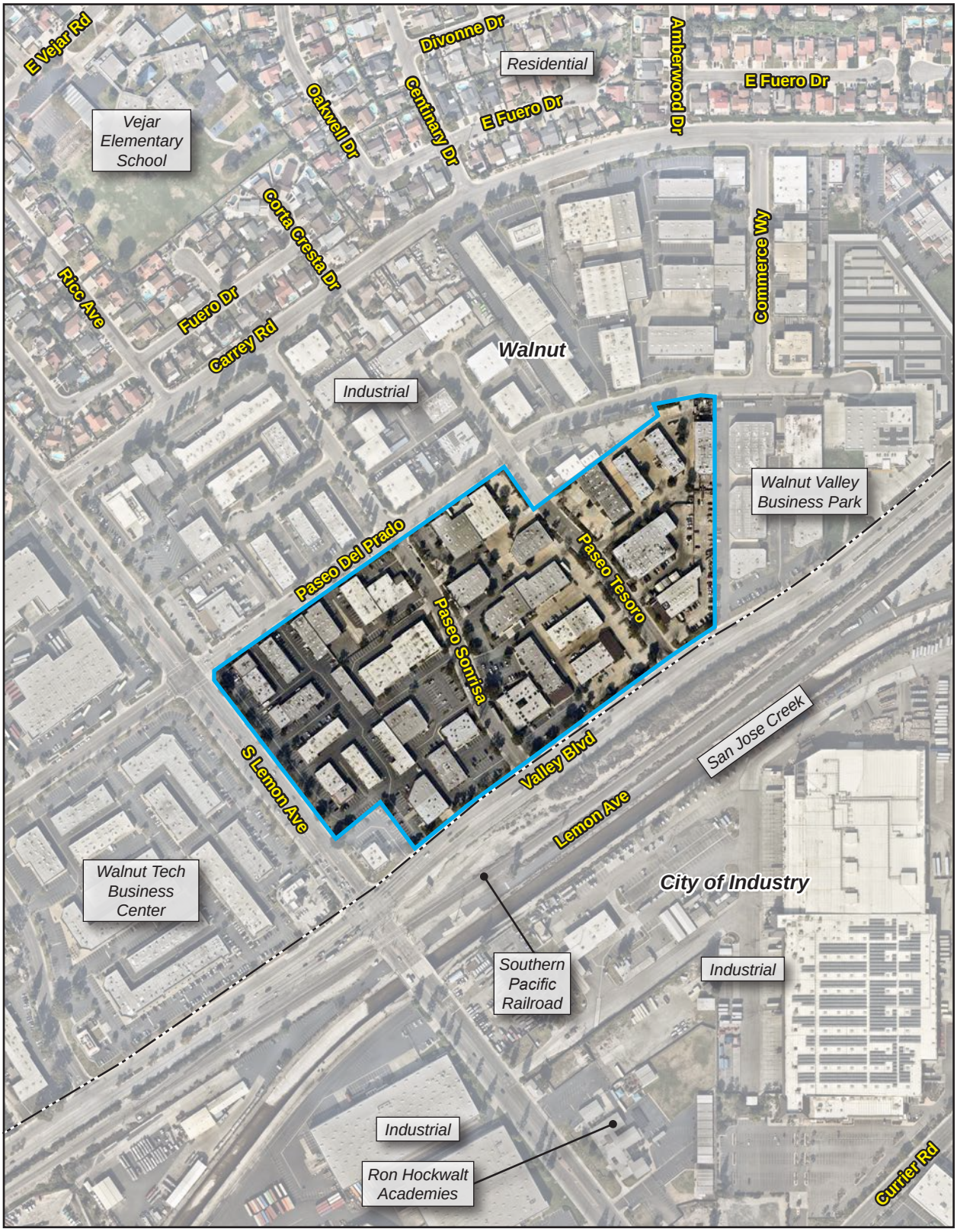
Typically, industrial warehouse projects include indoor and outdoor cargo handling equipment to move containers short-distances on-site. For most industrial warehousing projects, all indoor cargo handling equipment (i.e., forklifts) would be electric consistent with industry standards. The project applicant provided that all forklifts would be electric and one diesel yard truck is anticipated for Building 1 only and these assumptions were evaluated in the HRA.

The following TRU and off-road equipment assumptions were modeled as part of the Air Quality and Greenhouse Gas Emissions (GHG) evaluation for the Draft Supplemental Environmental Impact Report (SEIR) for the project (PlaceWorks, 2023) and modeled for this HRA:

## 2. Project Description

- Yard Trucks: one diesel-fueled yard truck, operating 8 hours per day, 365 days per year at the project site.
- TRUs: 30 truck trips with TRUs per day (15 round trips/day), idling 2 hours/day per truck.

## Figure 1 - Aerial Photograph




Project Boundary

City Boundary

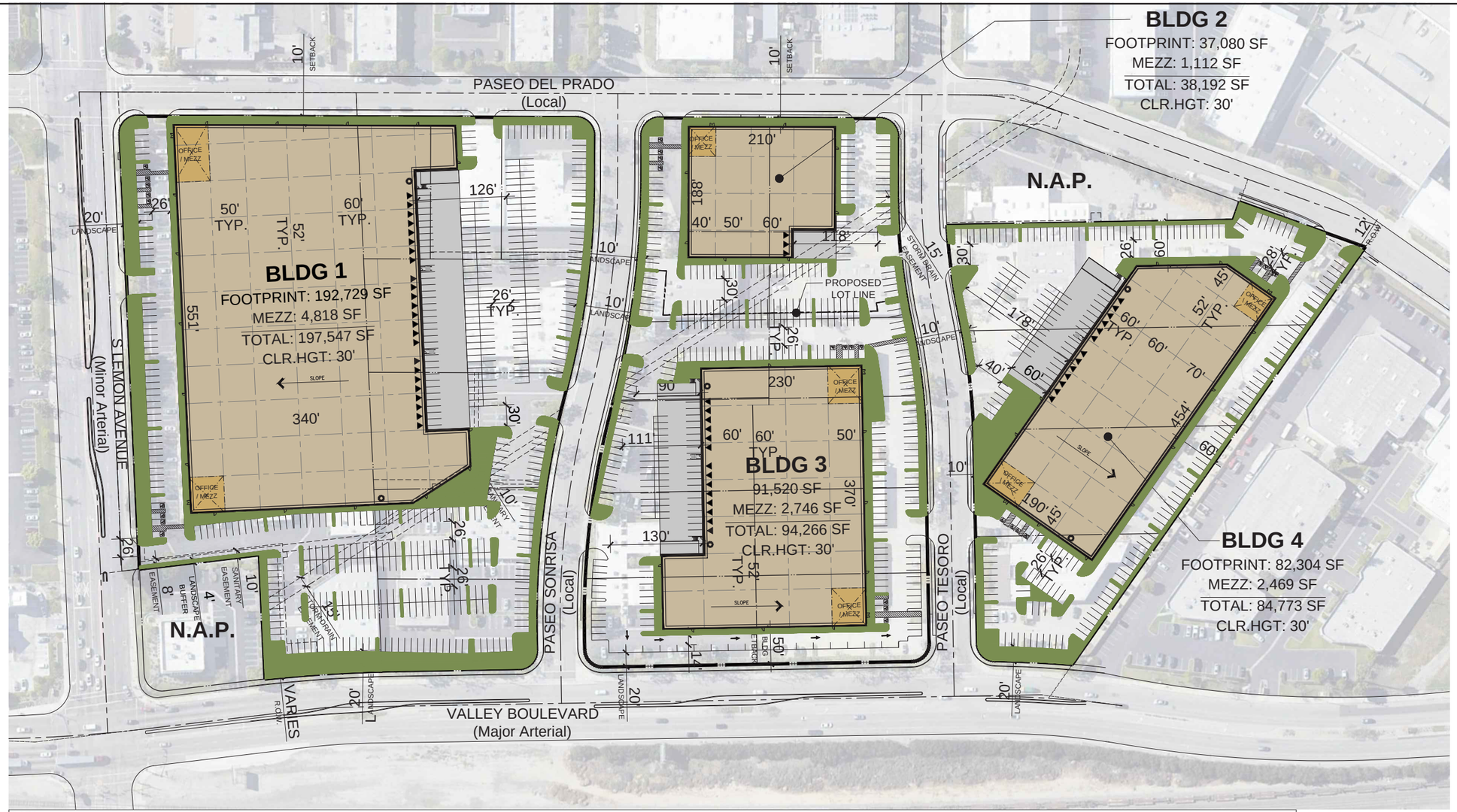
0 450

Scale (Feet)

*Source: Nearmap 2023.*

PlaceWorks

Figure 2 - Conceptual Site Plan




DATA:

| SITE | | BUILDING | | | | | | | | GROSS | PARKING | | | | | | ▲ | ○ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | BUILDING USE: | | | | PARKING REQUIRED | | | | | | | |
| SITE AREA (SF) | SITE AREA (ACRE) | BLDG. | BUILDING FOOTPRINT | MEZZ. AREA (SF) | BUILDING AREA (SF) | GROSS F.A.R. | WAREHOUSE (SF) | TOTAL OFFICE % | GRND FLOOR OFFICE (SF) | OFFICE MEZZ | GROSS COVERAGE | WAREHOUSE | GRND OFFICE | OFFICE MEZZ | TOTAL | PARKING PROVIDED | PARKING RATIO | REQ. ACC. STALLS | DOCK-HIGH DOORS | GRADE-LEVEL DOORS |
| | | | | | | | | | | | | 1/400 SF | 1/250 SF | 1/250 SF | | | | | | |
| 450,063 | 10.33 | 1 | 192,729 | 4,818 | 197,547 | 0.44 | 187,911 | 5% | 4,818 | 4,818 | 42.8% | 470 | 19 | 19 | 508 | 509 | @2.58/1000 SF | *10 STALLS* | 24 | 2 |
| 326,231 | 7.49 | 2 | 37,080 | 1,112 | 38,192 | 0.41 | 35,968 | 6% | 1,112 | 1,112 | 39.4% | 90 | 4 | 4 | 98 | 105 | @2.75/1000 SF | *5 STALLS* | 3 | 1 |
| | | 3 | 91,520 | 2,746 | 94,266 | | 88,774 | 6% | 2,746 | 2,746 | | 222 | 11 | 11 | 244 | 247 | @2.62/1000 SF | *7 STALLS* | 14 | 2 |
| 225,185 | 5.17 | 4 | 82,304 | 2,469 | 84,773 | 0.38 | 79,835 | 6% | 2,469 | 2,469 | 36.5% | 200 | 10 | 10 | 220 | 236 | @2.78/1000 SF | *7 STALLS* | 13 | 2 |
| 1,001,479 | 23 | | 403,633 | 11,145 | 414,778 | 0.41 | 392,488 | | 11,145 | 11,145 | 40.3% | 982 | 44 | 44 | 1,070 | 1,097 | @2.64/1000 SF | *35 STALLS* | 54 | 7 |

0 160
Scale (Feet)

*Source: Ware Malcomb 2023.*

# 3. Emissions Inventory

## 3.1 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2022.1 (CAPCOA, 2022). Modeling considered years 2025 and 2026 for construction activities. DPM emissions were based on the CalEEMod construction runs, using annual exhaust $PM_{10}$ construction emissions presented in pounds (lbs) per day.

The average daily emission rates from construction equipment used during the proposed project were determined by dividing the annual average emissions for each construction year by the number of construction days per year for each calendar year of construction (i.e., 2025 and 2026). The off-site hauling emission rates were adjusted to evaluate localized emissions from the 2.04-mile haul route within 1,000 feet of the project site. The CalEEMod construction emissions output and emission rate calculations are provided in Attachment A of this HRA.

## 3.2 OPERATIONAL EMISSIONS

Operational emission sources evaluated in the HRA include the diesel trucks traveling on-site over the ingress and egress driveways on South Lemon Avenue, Paseo Del Prado, Paseo Sonrisa, and Paseo Tesoro and idling at truck loading areas as well as the emissions from diesel trucks traveling to and from the site along surface streets (S Lemon Avenue, Valley Boulevard, Paseo Del Prado, Paseo Sonrisa, and Paseo Tesoro). The evaluated truck volumes and truck fleet mix were prepared by Iteris and incorporated into the air quality and greenhouse gas emissions evaluation of the proposed project (Iteris, 2023). According to the traffic analysis, the project would generate 236 one-way truck trips per day or 118 round trips per day for (Iteris, 2023). The emission rate calculations are provided in Attachment B.

Localized (on-site) truck running and idling emissions were calculated for the HRA. CARB has developed the EMFAC2021 emission factor model to account for the emission standards representative of the California fleet (CARB, 2023a). On-site truck travel emissions were determined for a lot speed of 5 miles per hour (mph), whereas off-site truck travel emissions were determined for a speed of 25 mph for S Lemon Avenue, Valley Boulevard, Paseo Del Prado, Paseo Tesoro, and Paseo Sonrisa. Idling emission rates for trucks idling within the building loading areas were determined using an idling time of 30 minutes per truck. The $PM_{10}$ emission factor for diesel-fueled vehicles was used as the surrogate for DPM (CARB, 2023a).

Emissions from 1 diesel-fueled yard truck and 15 trucks with TRUs were determined for the air quality and greenhouse gas emissions evaluation (PlaceWorks, 2023). Yard truck and TRU emissions were calculated as annual average emissions in tons per year using the latest version of offroad equipment emissions model,

# 3. Emissions Inventory

OFFROAD2021, Version 1.0.5. The TRU idling emissions were added to the truck idling emissions to determine the total idling emissions at the loading docks.

Emission-rate calculations were based on EMFAC2021 and OFFROAD2021 emissions data for the project buildout year (2026). Using only the emission factors for the year 2026 is conservative because emissions are predicted to decline over time with implementation of CARB's Diesel Risk Reduction Plan and increasing emissions requirements for engines (CARB, 2000). For instance, CARB estimates DPM emissions in 2035 will be less than half those in 2010 (CARB, 2023b).

# 4. Air Dispersion Modeling

Air dispersion modeling was performed using the AERMOD atmospheric dispersion model (Lakes AERMOD View, version 11.2). The model is a steady-state Gaussian plume model and is approved by South Coast AQMD for estimating ground-level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as a poly-area source, and the haul route emissions were modeled as adjacent line volume sources. The on-site operational emissions from truck travel and yard trucks were modeled as poly-area sources, truck and TRU idling at the loading docks was modeled as point sources, and the off-site truck travel emissions were modeled as adjacent volume sources. The off-site truck route includes surface streets (S Lemon Avenue, Valley Boulevard, Paseo Del Prado, Paseo Tesoro, and Paseo Sonrisa). A 20-meter by 20-meter receptor grid was used for school and residential receptors.

The model requires additional input parameters, including local meteorology and terrain. AERMOD-ready meteorological (met) data was obtained from South Coast AQMD for the nearest representative met station with the five latest available years of record (Azusa 2012–2016) to represent local weather conditions and prevailing winds. The prevailing wind direction at the Azusa met station is to the east-northeast, and the wind rose is provided in Attachment C.

The modeling also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. Digital elevation model data for the project site and surrounding area were obtained and included in the model runs to account for complex terrain. An emissions release height of 4.15 meters was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic per CARB guidance (CARB, 2000).

To determine contaminant impacts during construction hours, the model's Hour-By-Day-of-Week (HRDOW) scalar option was invoked to predict ground-level concentrations for emissions generated over 8 hours between the hours of 7:00 AM and 6:00 PM, with a 1-hour lunch break, Monday to Friday.[1] In addition, a scalar factor was applied to the risk calculations to account for the number of days residents are exposed to construction emissions per year. The operational model run evaluated emissions generated between the proposed work hours (24 hours per day, 7 days per week).

A unit emission rate of 1 gram per second was used for both construction and operational model runs. The unit emission rates were proportioned over the poly-area sources for on-site sources and between the number of adjacent volumes sources for the off-site truck routes. The maximum AERMOD concentrations from the output files were then multiplied by the emission rates calculated in Section 3.1 (and provided in Attachments A and B) to obtain the maximum ground-level concentrations at the maximum exposed individual resident (MEIR) as well as the maximum exposed receptors for the elementary school, high school, and the preschool

[1] Construction activities are anticipated to occur for a total of 8 hours per day, consistent with how CalEEMod determines construction emissions (over a standard 8-hour work day).

# 4. Air Dispersion Modeling

receptors. The AERMOD model output for the emission sources is presented in Attachment C for the construction model run and Attachment D for the operational model run. The model output DPM concentrations for the construction sources are provided in Attachment E. The model output concentrations for the operational phase sources are provided in Attachment F.

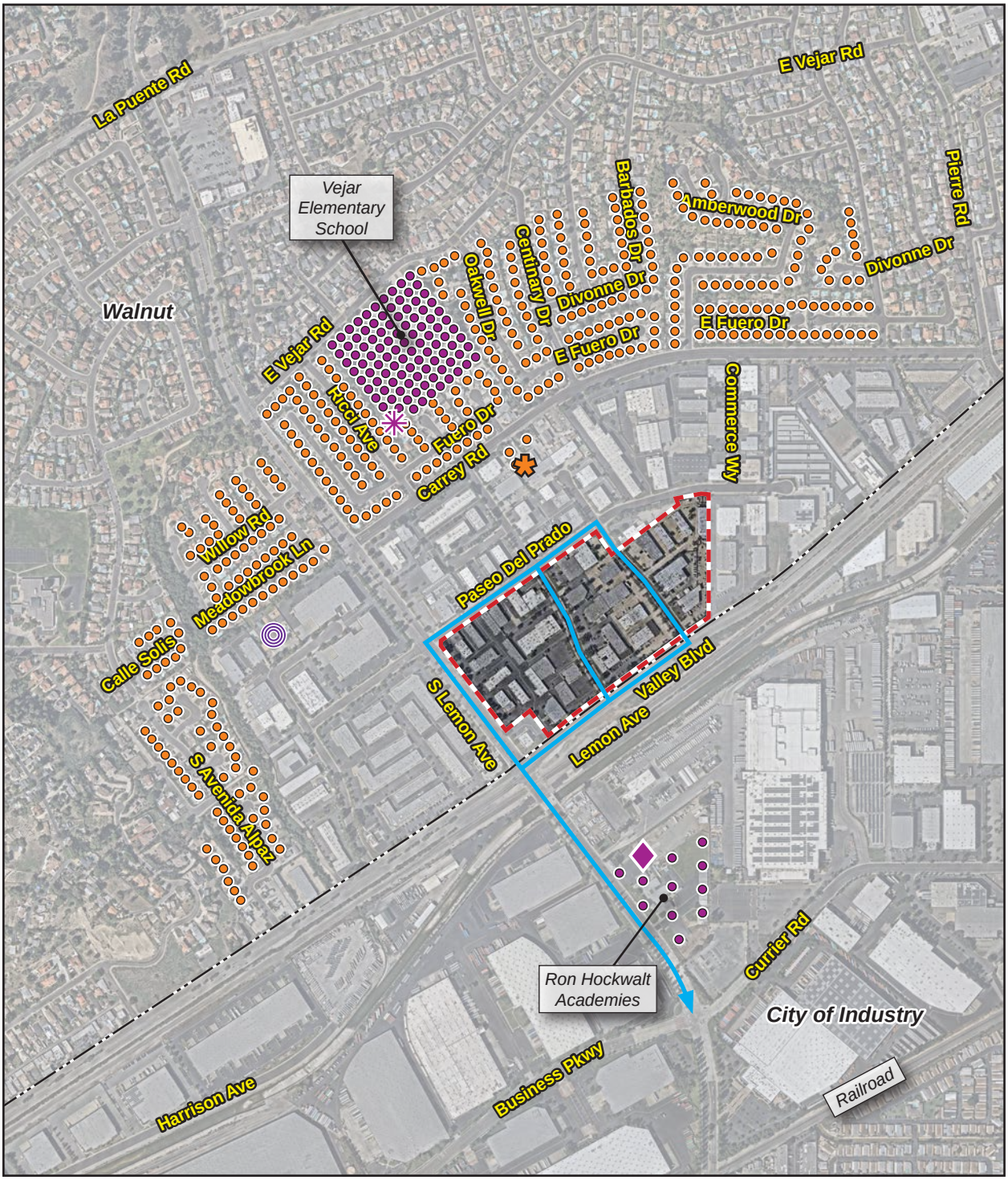
For the construction modeling, the receptor locations and construction haul route are presented in Figure 3. Figure 4 depicts the warehouse emission sources, truck haul route, and receptor locations used for the operational modeling.

## Figure 3 - Project Site and Offsite Receptor Locations – Construction Model

*Source: Nearmap 2023.*

*PlaceWorks*

## Figure 4 - Project Site and Offsite Receptor Locations – Operational Model




*Source: Nearmap 2023.*

PlaceWorks

# 5. Risk Methodology

## 5.1 CARCINOGENIC CHEMICAL RISK

Carcinogenic compounds do not have threshold levels (i.e., dose levels below which there are no risks). Therefore, any exposure will have some associated risk. The South Coast AQMD has established a maximum incremental cancer risk of 10 in a million ($1 \times 10^{-5}$ or $10 \times 10^{-6}$) for California Environmental Quality Act (CEQA) projects, and the OEHHA also sets a typical risk management level as 10 in a million (OEHHA, 2015).

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu g/m^3$) averaged over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASF) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, the following dose algorithm was used to accommodate the unique exposures associated with each receptor type.

$$\text{Dose}_{\text{AIR,per age group}} = \left(C_{air} \times EF \times \left[\frac{BR}{BW}\right] \times A \times CF\right)$$

where:

| | | |
|---|---|---|
| $\text{Dose}_{AIR}$ | = | dose by inhalation (mg/kg/day), per age group |
| $C_{air}$ | = | concentration of contaminant in air ($\mu g/m^3$) |
| EF | = | exposure frequency (number of days/365 days) |
| BR/BW | = | daily breathing rate normalized to body weight (L/kg/day) |
| A | = | inhalation absorption factor (default = 1) |
| CF | = | conversion factor ($1x10^{-6}$, µg to mg, L to $m^3$) |

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. For residential receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two-week period away from home each year (OEHHA, 2015). This timeline is considered appropriate for potential

# 5. Risk Methodology

workplace exposures established by OEHHA. The daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASF), and fraction of time at home (FAH) for the various age groups follow:

| Age Groups | BR/BW (L/kg-day) | ED | ASF | FAH |
|---|---|---|---|---|
| Third trimester | 361 | 0.25 | 10 | 0.85 |
| 0–2 age group | 1,090 | 2 | 10 | 0.85 |
| 2–9 age group | 861 | 7 | 3 | 0.72 |
| 2–16 age group | 745 | 14 | 3 | 0.72 |
| 16–30 age group | 335 | 14 | 1 | 0.73 |

To represent the unique characteristics of users of a school or preschool population, the assessment employed the USEPA's guidance to develop viable dose estimates based on reasonable maximum exposure, defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. Lifetime risk values for the preschool children were adjusted to account for an exposure of 250 days per year for 5 years (ages 2 to 6), for elementary school students an exposure of 180 days per year for 7 years (kindergarten through grade 5) and for high school students an exposure of 180 days per year for 4 years (ages 13 to 17). In addition, the calculated risk for students is multiplied by an ASF-weighting factor of 3 (for children ages 2 to 16) to account for early life sensitivity to pollutant exposures (OEHHA, 2015).

For construction analysis, the exposure duration spans the length of construction (i.e., 2025 to 2026). To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \text{FAH} \times \frac{\text{ED}}{AT}$$

where:

$\text{Dose}_{\text{AIR}}$ = dose by inhalation (mg/kg/day), per age group
CPF = cancer potency factor, chemical-specific $(\text{mg/kg/day})^{-1}$
ASF = age sensitivity factor, per age group
FAH = fraction of time at home, per age group (for residential receptors only)
ED = exposure duration (years)
AT = averaging time period over which exposure duration is averaged (always 70 years)

The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in "chances per million" by multiplying the cancer risk by a factor of $1x10^6$ (i.e., 1 million).

Incremental cancer risk (expressed in chances per million) was calculated for the MEIR and the maximum exposed receptors at the elementary school, high school and preschool. The assessment was based on reasonable maximum exposure, defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. Per default exposure parameters, it was assumed that the MEIR spent 24 hours/day, 7 days/week, 350 days/year outside their residence. The evaluated school and preschool receptors were also assumed to spend 8 hours/day, 180 to 250 days/year outside.

For construction, the calculated results are provided in Attachment E. For the operational risk calculations, CARB's Hotspots Analysis and Reporting Program (HARP2) Risk Assessment Standalone Tool was used to calculate the cancer risk values for the MEIR (CARB, 2022), and the operational health risk calculations are provided in Attachment F.

## 5.2 NONCARCINOGENIC HAZARDS

An evaluation was also conducted of the potential noncancer effects of chronic DPM exposure. Adverse health effects are evaluated by comparing the annual ground-level concentration of DPM from project construction or operation with the appropriate reference exposure limit (REL). Examples of noncancer adverse health effects are asthma, chronic obstructive pulmonary disease, and local effects from chemical exposure to specific organs such as the eyes, kidneys, and reproductive system.

The hazard index approach was used to quantify noncarcinogenic impacts. The hazard index assumes that chronic subthreshold exposures adversely affect a specific organ or organ system (toxicological endpoint). For DPM, the target organ determined by OEHHA is the respiratory system. To calculate the hazard index, the DPM concentration is divided by the DPM's chronic REL. A hazard index of 1 or lower means air toxics are unlikely to cause adverse noncancer health effects, such as asthma, over a lifetime of exposure.

For construction, the chronic hazard analysis for DPM is provided in Attachment E. For the operational risk calculations, CARB's HARP2, Risk Assessment Standalone Tool was used to calculate the chronic health risk values (CARB, 2022) and is provided in Attachment F.

## 5.3 DRAFT CUMULATIVE THRESHOLDS

South Coast AQMD initiated a Working Group to identify cumulative health risk thresholds for development projects in order to address community concerns of health risk impacts of new projects being developed in areas where there is a higher pollution burden (South Coast AQMD 2023a). The cumulative health risk threshold methodology first utilizes a screening approach to identify whether projects can qualitatively address cumulative health risk or quantitatively address health risk:

- **Low Cancer Risk Project Types**: Residential, commercial, recreational, educational, and retail.
- **Medium Cancer Risk Project Types**: Truck yards, gas stations, small industrial projects, and linear projects.
- **High Cancer Risk Project Types**. Industrial, major transportation projects (airports, port, railyard, bus/train station), and major planning projects.

For projects with low and medium cancer risks, no quantitative analysis is required. For projects that result in potentially high cancer risk impacts, such as the proposed project, a quantitative is recommended. Additionally, the project-level health risk threshold of 10 in a million is adjusted based on the underlying health risk of the zip code the project is within based on South Coast AQMD's MATES V mapping. MATES V is utilized. MATES V identifies a gradient of the effects of air pollution on cancer risk in the South Coast AQMD Region,

# 5. Risk Methodology

which is then used to adjust the project-level cancer risk levels as shown in Table 2, *MATES V Adjusted Cumulative Significant Cancer Risk Thresholds*.

**Table 2 MATES V Adjusted Cumulative Significant Cancer Risk Thresholds**

| Threshold Increment | MATES V Cancer Risk | Adjusted Cumulative Cancer Risk Threshold |
|---|---|---|
| A | Most Stringent | ≥ 1 in 1 million |
| B | >90th Percentile | ≥ 3 in 1 million |
| C | 90th Percentile to 50th Percentile | ≥ 5 in 1 million |
| D | 50th Percentile to 30th Percentile | ≥ 7 in 1 million |
| E | < 30th Percentile | ≥ 10 in 1 million |

Source: South Coast AQMD 2023b.

The plan area is within a zip code that includes receptors within the 50th percentile cancer risk of MATES V (South Coast AQMD 2023b), resulting in a baseline cumulative risk threshold of 7 in a million for cancer risk. However, South Coast AQMD has identified that the thresholds in Table 2 should be adjusted if any of the following criteria apply:

- **Criteria #1 – Post-2018 High Volume Diesel-Fueled Mobile Sources**. If there are post-2018 high volume highways or railroad mainlines, then increase the threshold increment by 1 (e.g., from step "D" to "C"). While I-10 transects the plan area, truck travel on this freeway was considered in MATES V.

- **Criteria #2 – Post-2018 Projects with High Volume Diesel Fueled Trucks**. Post-2018 projects are not accounted for in MATES V. Therefore, if new warehousing projects along the truck route have been constructed, then increase the threshold increment by 1 (e.g., from D to C). There is one additional warehouse within 1,000 feet of the project site that has been constructed since 2018. Therefore, this criterion is applicable, and the risk threshold would need to be adjusted.

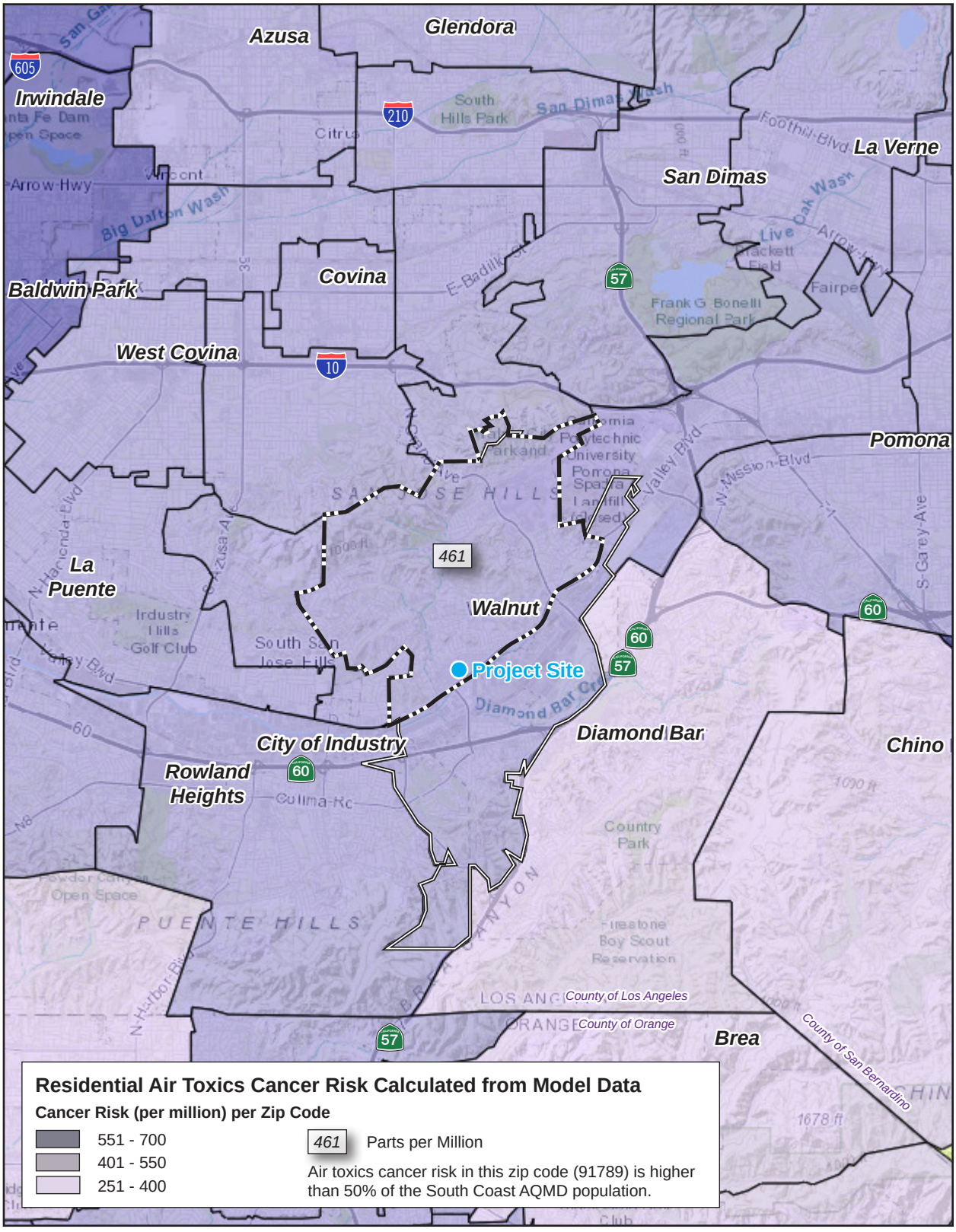
- **Criteria #3 – Sensitive Receptor Population**. If the project site is within an AB 617 community or within the 80th percentile of CES 4.0, then increase the threshold increment by 1 (e.g., from D to C). The project site is not within the 80th percentile CES 4.0 or within an AB 617 community; and therefore, this criterion is not applicable.

Based on the plan area being within the 50nd percentile of MATES V and meeting criterion #2, the adjusted cumulative cancer risk threshold for the proposed project is:

- Cumulative Risk Threshold = ≥ 5 in a million cancer risk

This cumulative risk threshold is applied to the operational phases for the proposed project and the combined construction plus operational risk. Because South Coast AQMD only recommends applying this threshold to the operational phase emissions, construction cancer risks are evaluated to a 10 in million cancer risk threshold.

## Figure 5 - South Coast AQMD MATES V Cancer Risk in the Project Area




*Source: South Coast AQMD 2020.*

PlaceWorks

# 5. Risk Methodology

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# 6. Results and Conclusions

The following section summarizes the results and conclusion for this HRA report. For the construction and operational modeling, the maximum exposed receptor locations are presented in Figures 3 and 4, respectively.

## 6.1 CONSTRUCTION HEALTH RISKS

The calculated health risk values are based on the maximum modeled receptor concentration over the construction exposure period, conservatively assuming a 24-hour per day outdoor exposure and averaged over a 70-year lifetime. According to the modeling results and as shown in Figure 3, *Construction Modeling – Sources and Receptor Locations*, the MEIR is a single-family residence north of the project site fronting Corta Cresta Drive and the maximum exposed high school receptor is along the northern portion of Ron Hockwalt Academies south of the project site. The maximum exposed elementary school receptor is along the southern boundary of Vejar Elementary School, just north of Costa Bella Drive, and the maximum exposed preschool receptor is west of the project site at Montessori of Walnut, at 20121 Alisu Court. Results of the health risk assessment shown in Table 3 indicate that the maximum incremental cancer risk during the construction phase of the project at the MEIR is 8.6 per million while the maximum exposed school and preschool receptors are less than one per million. These health risks are below South Coast AQMD's significance threshold of 10 per million. For non-carcinogenic effects, the chronic hazard indices identified for each toxicological endpoint totaled less than one for the MEIR, maximum exposed schools and preschool receptors. Thus, chronic non-carcinogenic hazards are below the significance threshold. Therefore, the project would not expose off-site sensitive receptors to substantial concentrations of air pollutant emissions during construction and impacts would be less than significant.

Table 3 Construction Health Risk Summary

| Receptor | Cancer Risk (per million) | Chronic Hazards |
|---|---|---|
| Maximum Exposed Individual Resident (MEIR) | 8.6 | 0.017 |
| Maximum Exposed Receptor – High School | 0.3 | 0.005 |
| Maximum Exposed Receptor – Elementary School | 0.5 | 0.005 |
| Maximum Exposed Preschool Receptor | 0.5 | 0.005 |
| South Coast AQMD Threshold | 10 | 1.0 |
| Exceeds Threshold? | No | No |

## 6.2 OPERATIONAL HEALTH RISK RESULTS

Table 4 presents the results summary for the proposed project at the MEIR and maximum exposed school and preschool receptors. As shown in Figure 4, *Operational Modeling – Sources and Receptor Locations*, the HRA predicted the MEIR is a single-family residence north of the project site fronting Corta Cresta Drive, the maximum exposed receptor for the elementary school is at the southwestern corner of Vejar Elementary School. The maximum exposed high school and preschool receptor locations are the same as in the construction modeling run. The results in Table 4 indicate that the maximum incremental cancer risk at the MEIR is 3.0 per million which is below the significance threshold of 5 per million. Similarly, the incremental cancer risk for the maximum exposed school and preschool receptors are less than 1 per million, and therefore below the 5 in a million significance threshold. For noncarcinogenic effects, the chronic hazard indices identified for the respiratory system totaled well below the significance threshold of 1.0 for all evaluated sensitive receptors.

Table 4 Operational Health Risk Summary

| Receptor | Cancer Risk (per million) | Chronic Hazards |
|---|---|---|
| Maximum Exposed Individual Resident (MEIR) | 3.0 | 0.001 |
| Maximum Exposed Receptor – High School | 0.1 | 0.001 |
| Maximum Exposed Receptor – Elementary School | 0.2 | < 0.001 |
| Maximum Exposed Preschool Receptor | 0.2 | < 0.001 |
| Draft South Coast AQMD Cumulative Threshold | 5 | 1.0 |
| Exceeds Threshold? | No | No |

Therefore, the proposed project would not expose off-site sensitive receptors to substantial concentrations of DPM emissions during project operation, and impacts would be less than significant.

## 6.3 COMBINED CONSTRUCTION PLUS OPERATIONAL RISK

Sensitive receptors proximate to the project site would be exposed to elevated levels of air pollutants during construction activities; and then subsequently, operational activities. As a result, the following evaluates the combined health risks from project-related construction and operational activities for a 30-year residential scenario.

The risks levels shown in Table 5 are based on the approximate 1.33 years of exposure to construction emissions and 30 years of exposure to operational emissions. This is conservative as OEHHA recommends determining residential risk over a 30 year period, which for this project would equate to 1.33 year of construction exposure and only 28.7 years of exposure to operational activities instead of the 30 years shown in Table 5. As shown in the table, total cancer risks from project-related construction and operational activities would be 11.6 in a million at the MEIR without mitigation and would exceed the adjusted cumulative threshold value of 5 per million. The combined construction plus operational cancer risks for the maximum exposed

school and preschool receptors are less than 1 in a million and would not exceed the adjusted cumulative threshold value. For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for all evaluated sensitive receptors.

Because the combined construction and operation of the project could expose the MEIR to substantial concentrations of air pollutant emissions, mitigation measures are warranted.

Table 5 Operation Plus Construction Health Risk Results

| Receptor | Project Phase | Cancer Risk (per million) | Chronic Hazards |
|---|---|---|---|
| MEIR | Project Construction | 8.6 | 0.017 |
| | Project Operation | 3.0 | 0.001 |
| | Combined Total | 11.6 | 0.018 |
| Maximum Exposed Receptor – High School | Project Construction | 0.3 | 0.005 |
| | Project Operation | 0.1 | 0.001 |
| | Combined Total | 0.4 | 0.006 |
| Maximum Exposed Receptor - Elementary School | Project Construction | 0.5 | 0.005 |
| | Project Operation | 0.2 | < 0.001 |
| | Combined Total | 0.7 | 0.005 |
| Maximum Exposed Preschool Receptor | Project Construction | 0.5 | 0.005 |
| | Project Operation | 0.2 | < 0.001 |
| | Combined Total | 0.7 | 0.005 |
| Draft South Coast AQMD Cumulative Threshold | | 5 | 1.0 |
| Exceeds Threshold? | | Yes (at MEIR) | No |

## 6.4 CUMULATIVE DISCUSSION

As described in Section 5.3, the South Coast AQMD is recommending the project-specific and cumulative significance thresholds for cancer risk be adjusted to 5 in a million to account for the plan area being within the 50th percentile of MATES V and in consideration of nearby warehouse projects. Currently, these thresholds are only recommended for long-term operation of projects and not to short-term projects (such as typical construction projects). As shown in Table 4, the operational phase of the project would not expose nearby sensitive receptors to a cancer risk over the draft South Coast AQMD cumulative threshold of 5 in a million. However, as shown in Table 5, the combined construction plus operational health risks at the MEIR would exceed the draft cumulative threshold and mitigation measures are warranted.

The Air Quality (AQ) evaluation for the Draft SEIR for the project includes the following mitigation measure for reducing regional AQ impacts (PlaceWorks, 2023):

MM AQ-1 The proposed project's construction contractors shall use equipment that meets the United States Environmental Protection Agency Tier 4 Final emissions standards for off-road diesel-powered construction equipment with more than 25 horsepower, unless it can be demonstrated that such equipment is not available. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Tier 4 Final emissions standard for a similarly sized engine, as defined by the California Air Resources Board's regulations. The requirement to use Tier 4 Final equipment for engines over 25 horsepower shall be identified in construction bids.

- Have engines that meet either US EPA or California Air Resources Board (CARB) Tier 4 Final emission standards. Ensure that all construction plans clearly show the selected emission reduction strategy for construction equipment over 25 horsepower.
- Maintain a list of all operating equipment in use on the project site for verification by the City. The construction equipment list shall state the makes, models, and number of construction equipment on-site. Ensure that all equipment shall be properly serviced and maintained in accordance with the manufacturer's recommendations.
- Communicate with all sub-contractors in contracts and construction documents that all non-essential idling of construction equipment is restricted to 5 minutes or less in compliance with California Air Resources Board Rule 2449 and is responsible for ensuring that this requirement is met.
- These identified measures shall be incorporated into all appropriate construction documents (e.g., construction management plans) submitted to the City and shall be verified by the City's Planning Division

Implementation of MM AQ-1 would reduce DPM emissions from offroad construction equipment by over 80 percent. As shown in Table 6, implementation of MM AQ-1 would reduce construction health risks, resulting in combined operation and construction emissions below the 5 in a million adjusted cumulative cancer risk at

the MEIR. Therefore, the proposed project would not expose off-site sensitive receptors to substantial concentrations of air pollutant emissions and impacts would be less than significant with mitigation.

Table 6 Operation Plus Construction Health Risk Results with Mitigation

| Receptor | Project Phase | Cancer Risk (per million) | Chronic Hazards |
|---|---|---|---|
| MEIR | Project Construction - Mitigated | 1.7 | 0.003 |
| | Project Operation | 3.0 | 0.001 |
| | Combined Total | 4.7 | 0.004 |
| Draft South Coast AQMD Cumulative Threshold | | 5 | 1.0 |
| Exceeds Threshold? | | No | No |

Note: Construction emissions included Mitigation Measure AQ-1, with USEPA Tier 4 Final emissions standards for off-road diesel-powered construction equipment with more than 25 horsepower.

# 6. Results and Conclusions

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Appendix

# Attachment A. Construction Emissions

| Phase Name | Start Date | End Date | CalEEMod Days | Total Days |
|---|---|---|---|---|
| Building and Asphalt Demolition | 1/1/2025 | 1/14/2025 | 10 | **13** |
| Building and Asphalt Demolition, Debris Haul, and Rock Crushing | 1/15/2025 | 2/28/2025 | 33 | **44** |
| Building and Asphalt Demolition, Debris Haul, and Rock Crushing \| Site Preparation | 3/1/2025 | 3/1/2025 | 0 | **0** |
| Building and Asphalt Demolition \| Site Preparation \| Linear, Grading, and Excavation | 3/2/2025 | 3/31/2025 | 21 | **29** |
| Building and Asphalt Demolition \| Site Preparation \| Linear, Grading, and Excavation \| Rough Grading | 4/1/2025 | 4/7/2025 | 22 | **6** |
| Site Preparation \| Linear, Grading, and Excavation \| Rough Grading | 4/8/2025 | 4/30/2025 | 18 | **22** |
| Site Preparation \| Linear, Grading, and Excavation \| Rough Grading \|Fine Grading | 5/1/2025 | 5/1/2025 | 1 | **0** |
| Linear, Grading, and Excavation \| Rough Grading \|Fine Grading | 5/2/2025 | 5/14/2025 | 9 | **12** |
| Linear, Grading, and Excavation \| Rough Grading \|Fine Grading \|Utilities Trenching | 5/15/2025 | 5/23/2025 | 7 | **8** |
| Linear, Drainage, and Utilties \| Rough Grading \|Fine Grading \|Utilities Trenching | 5/23/2025 | 6/4/2025 | 9 | **12** |
| Linear, Drainage, and Utilties \|Fine Grading \|Utilities Trenching | 6/5/2025 | 6/14/2025 | 7 | **9** |
| Linear, Drainage, and Utilties \| Fine Grading \|Utilities Trenching \|Building 1 Construction | 6/15/2025 | 7/4/2025 | 15 | **19** |
| Linear, Paving \| Fine Grading \|Utilities Trenching \|Building 1 Construction | 7/5/2025 | 7/14/2025 | 6 | **9** |
| Linear, Paving \| Fine Grading \|Utilities Trenching \|Buildings 1 and 2 Construction | 7/15/2025 | 7/31/2025 | 13 | **16** |
| Fine Grading \|Utilities Trenching \|Buildings 1, 2, 3 Construction | 8/1/2025 | 8/15/2025 | 11 | **14** |
| Buildings 1, 2, 3 Construction | 8/16/2025 | 9/14/2025 | 20 | **29** |
| Buildings 1, 2, 3, 4 Construction | 9/15/2025 | 12/31/2025 | 78 | **107** |
| Buildings 1, 3, 4 Construction | 1/1/2026 | 1/31/2026 | 22 | **30** |
| Buildings 1, 3, 4 Construction \|Architectural Coating | 2/1/2026 | 2/14/2026 | 10 | **13** |
| Buildings 1, 3, 4 Construction \|Architectural Coating \| Paving, \|Finishing/Landscaping | 2/15/2026 | 2/28/2026 | 10 | **13** |
| Buildings 1 and 4 Construction \|Architectural Coating \| Paving, \|Finishing/Landscaping | 3/1/2026 | 3/15/2026 | 10 | **14** |
| Building 4 Construction \|Architectural Coating \| Paving, \|Finishing/Landscaping | 3/16/2026 | 4/30/2026 | 34 | **45** |

| Number of Construction Days Per Year | | | |
|---|---|---|---|
| 2025 | 1/1/2025 | 12/31/2025 | 261 |
| 2026 | 1/1/2026 | 4/30/2026 | 86 |
| | | **CONSTRUCTION DAYS** | 347 |

| Total Construction Days Per Year | | |
|---|---|---|
| 1/1/2025 | 12/31/2025 | 261 |
| 1/1/2026 | 12/31/2026 | 261 |
| | **TOTAL DAYS** | 522 |

**Onsite Construction PM10 Exhaust Emissions**

| Year | # of Construction Days/Year | Average Daily Emissions (lbs/day) | Average Daily Emissions (lbs/hr) | Emission Rate (g/s) | # of Workdays/ Year | Construction Duration[2] |
|---|---|---|---|---|---|---|
| 2025 | 261 | 10.68 | 1.33E+00 | 1.68E-01 | 261 | 1.00 |
| 2026 | 86 | 1.50 | 1.88E-01 | 2.37E-02 | 261 | 0.33 |

**Offsite Construction PM10 Exhaust Emissions**

| Year | # of Construction Days/Year | Average Daily Emissions (lbs/day) | Hauling Emissions w/in 1,000 ft (lbs/day) [1] | Emission Rate (lbs/hr) | Emission Rate (g/s) |
|---|---|---|---|---|---|
| 2025 | 261 | 0.29 | 2.90E-02 | 3.63E-03 | 4.57E-04 |
| 2026 | 86 | 0.03 | 3.21E-03 | 4.01E-04 | 5.05E-05 |

Note: Emissions evenly distributed over 129 modeled volume sources.

| | | |
|---|---|---|
| Hauling Length (miles) [3] | 20.0 | miles |
| Haul Length within 1,000 ft of Site (mile) [4] | 2.04 | miles |
| Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks) [5] | 8 | hours |

[1] DPM emissions taken as $PM_{10}$ exhaust emissions from CalEEMod average daily emissions.

[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

[3] Based on CalEEMod default 20 mile hauling distance.

[4] Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances , are adjusted to evaluate emissions from the 2.04-mile route within 1,000 of the project site.

[5] Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App C - Air Dispersion Model Output Files).

[6] Based on CalEEMod default 20 mile hauling distance.

## Onsite 2025

### 3.1. Building and Asphalt Demolition (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 8.76 | 7.36 | 61.11 | 58.63 | 0.25 | 2.37 | | 2.37 | 2.18 | | 2.18 |
| Demolition | | | | | | | | 0.00 | 0.00 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.00 | 1.99 | 1.99 | 0.00 | 0.20 | 0.20 |
| Total | | 8.77 | 7.36 | 61.14 | 58.64 | 0.25 | 2.37 | 1.99 | 4.36 | 2.18 | 0.20 | 2.38 |

| Category | lbs/day | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.30 | 0.27 | 4.35 | 0.00 | 0.00 | 0.82 | 0.82 | 0.00 | 0.19 | 0.19 |
| Vendor | | 0.08 | 0.03 | 1.30 | 0.63 | 0.01 | 0.02 | 0.31 | 0.32 | 0.01 | 0.09 | 0.09 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.38 | 0.30 | 1.57 | 4.98 | 0.01 | 0.02 | 1.12 | 1.14 | 0.01 | 0.28 | 0.28 |

### 3.3. Building and Asphalt Demolition Debris Haul and Onsite Reprocessing (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 34.12 | 33.91 | 0.85 | 48.12 | 0.00 | 0.59 | | 0.59 | 0.44 | | 0.44 |
| Demolition | | | | | | | | 4.43 | 4.43 | | 0.67 | 0.67 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 34.12 | 33.91 | 0.85 | 48.12 | 0.00 | 0.59 | 4.43 | 5.02 | 0.44 | 0.67 | 1.11 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.01 | 0.01 | 0.01 | 0.17 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.42 | 0.08 | 6.78 | 2.55 | 0.04 | 0.07 | 1.53 | 1.60 | 0.07 | 0.42 | 0.49 |
| Total | | 0.43 | 0.09 | 6.79 | 2.73 | 0.04 | 0.07 | 1.56 | 1.63 | 0.07 | 0.43 | 0.50 |

### 3.5. Site Preparation (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 3.68 | 3.10 | 29.44 | 26.36 | 0.04 | 1.28 | | 1.28 | 1.18 | | 1.18 |
| Dust From Material Mc | | | | | | | | 7.67 | 7.67 | | 3.94 | 3.94 |
| Onsite truck | | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.76 | 0.76 | 0.00 | 0.08 | 0.08 |
| Total | | 3.69 | 3.10 | 29.46 | 26.37 | 0.04 | 1.28 | 8.43 | 9.71 | 1.18 | 4.02 | 5.19 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.06 | 0.05 | 0.05 | 0.87 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | | 0.03 | 0.01 | 0.54 | 0.26 | 0.00 | 0.01 | 0.13 | 0.14 | 0.00 | 0.04 | 0.04 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.09 | 0.07 | 0.60 | 1.13 | 0.00 | 0.01 | 0.29 | 0.30 | 0.00 | 0.07 | 0.08 |

### 3.7. Rough Grading (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 8.99 | 7.55 | 58.71 | 62.11 | 0.24 | 2.31 | | 2.31 | 2.13 | | 2.13 |
| Dust From Material Movement | | | | | | | | 4.21 | 4.21 | | 1.49 | 1.49 |
| Onsite truck | | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.00 | 1.99 | 1.99 | 0.00 | 0.20 | 0.20 |
| Total | | 8.99 | 7.55 | 58.75 | 62.12 | 0.24 | 2.31 | 6.20 | 8.51 | 2.13 | 1.69 | 3.82 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.23 | 0.20 | 0.21 | 3.30 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 |
| Vendor | | 0.08 | 0.03 | 1.33 | 0.65 | 0.01 | 0.02 | 0.32 | 0.33 | 0.01 | 0.09 | 0.10 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.31 | 0.24 | 1.54 | 3.96 | 0.01 | 0.02 | 0.94 | 0.95 | 0.01 | 0.23 | 0.24 |

### 3.9. Fine Grading (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 3.49 | 2.93 | 18.18 | 16.27 | 0.02 | 1.16 | | 1.16 | 1.07 | | 1.07 |
| Dust From Material Movement | | | | | | | | 2.97 | 2.97 | | 1.36 | 1.36 |
| Onsite truck | | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.76 | 0.76 | 0.00 | 0.08 | 0.08 |
| Total | | 3.49 | 2.93 | 18.20 | 16.28 | 0.02 | 1.16 | 3.73 | 4.90 | 1.07 | 1.43 | 2.50 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.06 | 0.05 | 0.05 | 0.87 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | | 0.04 | 0.02 | 0.61 | 0.30 | 0.00 | 0.01 | 0.15 | 0.15 | 0.00 | 0.04 | 0.04 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.10 | 0.07 | 0.67 | 1.17 | 0.00 | 0.01 | 0.31 | 0.32 | 0.00 | 0.08 | 0.08 |

### 3.11. Rough Grading Soil Haul (2025) - Unmitigated

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | | | | | | | 0.01 | 0.01 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.40 | 0.08 | 6.38 | 2.48 | 0.03 | 0.07 | 1.39 | 1.46 | 0.07 | 0.38 | 0.45 |
| Total | | 0.40 | 0.08 | 6.38 | 2.48 | 0.03 | 0.07 | 1.39 | 1.46 | 0.07 | 0.38 | 0.45 |

**3.13. Fine Grading Soil Haul (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | | | | | | | 0.01 | 0.01 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.41 | 0.08 | 6.55 | 2.55 | 0.04 | 0.07 | 1.43 | 1.50 | 0.07 | 0.39 | 0.46 |
| Total | | 0.41 | 0.08 | 6.55 | 2.55 | 0.04 | 0.07 | 1.43 | 1.50 | 0.07 | 0.39 | 0.46 |

**3.11. Building Construction (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 1.23 | 1.03 | 10.48 | 13.16 | 0.02 | 0.37 | | 0.37 | 0.34 | | 0.34 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 1.23 | 1.03 | 10.48 | 13.16 | 0.02 | 0.37 | 0.00 | 0.37 | 0.34 | 0.00 | 0.34 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.83 | 0.75 | 0.75 | 12.12 | 0.00 | 0.00 | 2.28 | 2.28 | 0.00 | 0.53 | 0.53 |
| Vendor | | 0.15 | 0.06 | 2.45 | 1.20 | 0.02 | 0.03 | 0.58 | 0.61 | 0.02 | 0.16 | 0.18 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.99 | 0.81 | 3.21 | 13.32 | 0.02 | 0.03 | 2.86 | 2.89 | 0.02 | 0.69 | 0.71 |

**3.23. Utility Trenching (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.49 | 0.41 | 3.87 | 5.85 | 0.01 | 0.14 | | 0.14 | 0.13 | | 0.13 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.49 | 0.41 | 3.87 | 5.85 | 0.01 | 0.14 | 0.00 | 0.14 | 0.13 | 0.00 | 0.13 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.05 | 0.04 | 0.04 | 0.70 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.05 | 0.04 | 0.04 | 0.70 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 |

## Offsite 2025

**3.1. Linear, Grading & Excavation (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 3.71 | 3.11 | 27.29 | 29.40 | 0.06 | 1.21 | | 1.21 | 1.11 | | 1.11 |
| Dust From Material Movement | | | | | | | | 1.24 | 1.24 | | 0.13 | 0.13 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 3.71 | 3.11 | 27.29 | 29.40 | 0.06 | 1.21 | 1.24 | 2.45 | 1.11 | 0.13 | 1.24 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.14 | 0.13 | 0.13 | 2.09 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 |
| Vendor | | 0.00 | 0.00 | 0.04 | 0.02 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.15 | 0.13 | 0.17 | 2.10 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.09 | 0.09 |

**3.3. Linear, Drainage, Utilities, & Sub-Grade (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 2.99 | 2.51 | 22.93 | 23.63 | 0.05 | 0.91 | | 0.91 | 0.84 | | 0.84 |
| Dust From Material Movement | | | | | | | | 1.03 | 1.03 | | 0.11 | 0.11 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 2.99 | 2.51 | 22.93 | 23.63 | 0.05 | 0.91 | 1.03 | 1.95 | 0.84 | 0.11 | 0.95 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.12 | 0.11 | 0.11 | 1.74 | 0.00 | 0.00 | 0.33 | 0.33 | 0.00 | 0.08 | 0.08 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.12 | 0.11 | 0.11 | 1.74 | 0.00 | 0.00 | 0.33 | 0.33 | 0.00 | 0.08 | 0.08 |

**3.5. Linear, Paving (2025) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | 1.06 | 0.89 | 7.71 | 10.79 | 0.01 | 0.34 | | 0.34 | 0.31 | | 0.31 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 1.06 | 0.89 | 7.71 | 10.79 | 0.01 | 0.34 | 0.00 | 0.34 | 0.31 | 0.00 | 0.31 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.08 | 0.08 | 0.08 | 1.22 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.08 | 0.08 | 0.08 | 1.22 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 |

**3.17. Building Construction (2026) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 1.18 | 0.98 | 9.96 | 13.09 | 0.02 | 0.33 | | 0.33 | 0.30 | | 0.30 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 1.18 | 0.98 | 9.96 | 13.09 | 0.02 | 0.33 | 0.00 | 0.33 | 0.30 | 0.00 | 0.30 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.72 | 0.64 | 0.68 | 11.25 | 0.00 | 0.00 | 2.28 | 2.28 | 0.00 | 0.53 | 0.53 |
| Vendor | | 0.15 | 0.06 | 2.34 | 1.13 | 0.02 | 0.03 | 0.58 | 0.61 | 0.02 | 0.16 | 0.18 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.88 | 0.70 | 3.01 | 12.38 | 0.02 | 0.03 | 2.86 | 2.89 | 0.02 | 0.69 | 0.71 |

**3.19. Paving (2026) - Unmitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 2.20 | 1.85 | 14.53 | 11.52 | 0.01 | 0.96 | | 0.96 | 0.88 | | 0.88 |
| Onsite truck | | | 0.51 | | | | | | | | | |
| Total | | 2.20 | 2.36 | 14.53 | 11.52 | 0.01 | 0.96 | 0.00 | 0.96 | 0.88 | 0.00 | 0.88 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.08 | 0.07 | 0.08 | 1.29 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06 | 0.06 |
| Vendor | | 0.00 | 0.00 | 0.07 | 0.03 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.01 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.09 | 0.08 | 0.15 | 1.32 | 0.00 | 0.00 | 0.28 | 0.28 | 0.00 | 0.07 | 0.07 |

**3.21. Architectural Coating (2026) - Unmitigated**

**Unmitigated Construction On-Site**

| | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Category lbs/day | | | | | | | | | | | |
| Off-Road Equipment | 0.15 | 0.12 | 0.86 | 1.13 | 0.00 | 0.02 | | 0.02 | 0.02 | | 0.02 |
| Architectural Coatings | | 29.91 | | | | | | | | | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.15 | 30.03 | 0.86 | 1.13 | 0.00 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 |

**Unmitigated Construction Off-Site**

| | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Category lbs/day | | | | | | | | | | | |
| Worker | 0.14 | 0.13 | 0.14 | 2.25 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.14 | 0.13 | 0.14 | 2.25 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 |

**3.25. Finishing/Landscaping (2026) - Unmitigated**

**Unmitigated Construction On-Site**

| | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Category lbs/day | | | | | | | | | | | |
| Off-Road Equipment | 0.91 | 0.77 | 4.83 | 9.96 | 0.03 | 0.20 | | 0.20 | 0.18 | | 0.18 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.91 | 0.77 | 4.83 | 9.96 | 0.03 | 0.20 | 0.00 | 0.20 | 0.18 | 0.00 | 0.18 |

**Unmitigated Construction Off-Site**

| | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Category lbs/day | | | | | | | | | | | |
| Worker | 0.05 | 0.05 | 0.05 | 0.81 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.05 | 0.05 | 0.05 | 0.81 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |

**Onsite Construction PM10 Exhaust Emissions - Mitigated (Tier 4 Final > 25 hp)**

| Year | # of Construction Days/Year | Average Daily Emissions (lbs/day) | Average Daily Emissions (lbs/hr) | Emission Rate (g/s) | # of Workdays/ Year | Construction Duration[2] |
|---|---|---|---|---|---|---|
| 2025 | 261 | 2.12 | 2.65E-01 | 3.34E-02 | 261 | 1.00 |
| 2026 | 86 | 0.14 | 1.71E-02 | 2.16E-03 | 261 | 0.33 |

**Offsite Construction PM10 Exhaust Emissions - Mitigated (Tier 4 Final > 25 hp)**

| Year | # of Construction Days/Year | Average Daily Emissions (lbs/day) | Hauling Emissions w/in 1,000 ft (lbs/day)[1] | Emission Rate (lbs/hr) | Emission Rate (g/s) |
|---|---|---|---|---|---|
| 2025 | 261 | 0.29 | 2.90E-02 | 3.63E-03 | 4.57E-04 |
| 2026 | 86 | 0.03 | 3.21E-03 | 4.01E-04 | 5.05E-05 |

Note: Emissions evenly distributed over 129 modeled volume sources.

| | | |
|---|---|---|
| Hauling Length (miles)[3] | 20.0 | miles |
| Haul Length within 1,000 ft of Site (mile)[4] | 2.04 | miles |
| Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks)[5] | 8 | hours |

[1] DPM emissions taken as $PM_{10}$ exhaust emissions from CalEEMod average daily emissions.
[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).
[3] Based on CalEEMod default 20 mile hauling distance.
[4] Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances , are adjusted to evaluate emissions from the 2.04-mile route within 1,000 of the project site.
[5] Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App C - Air Dispersion Model Output Files).
[6] Based on CalEEMod default 20 mile hauling distance.

## Onsite 2025

**3.2. Building and Asphalt Demolition (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 2.71 | 2.71 | 16.70 | 140.44 | 0.26 | 0.53 | | 0.53 | 0.53 | | 0.53 |
| Demolition | | | | | | | | 0.00 | 0.00 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.00 | 1.99 | 1.99 | 0.00 | 0.20 | 0.20 |
| Total | | 2.72 | 2.71 | 16.73 | 140.46 | 0.26 | 0.53 | 1.99 | 2.52 | 0.53 | 0.20 | 0.73 |

| Category | lbs/day | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.30 | 0.27 | 4.35 | 0.00 | 0.00 | 0.82 | 0.82 | 0.00 | 0.19 | 0.19 |
| Vendor | | 0.08 | 0.03 | 1.30 | 0.63 | 0.01 | 0.02 | 0.31 | 0.32 | 0.01 | 0.09 | 0.09 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.38 | 0.30 | 1.57 | 4.98 | 0.01 | 0.02 | 1.12 | 1.14 | 0.01 | 0.28 | 0.28 |

**3.4. Building and Asphalt Demolition Debris Haul and Onsite Reprocessing (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 34.12 | 33.91 | 0.85 | 48.12 | 0.00 | 0.59 | | 0.59 | 0.44 | | 0.44 |
| Demolition | | | | | | | | 4.43 | 4.43 | | 0.67 | 0.67 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 34.12 | 33.91 | 0.85 | 48.12 | 0.00 | 0.59 | 4.43 | 5.02 | 0.44 | 0.67 | 1.11 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.01 | 0.01 | 0.01 | 0.17 | 0.00 | 0.00 | 0.03 | 0.03 | 0.00 | 0.01 | 0.01 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.42 | 0.08 | 6.78 | 2.55 | 0.04 | 0.07 | 1.53 | 1.60 | 0.07 | 0.42 | 0.49 |
| Total | | 0.43 | 0.09 | 6.79 | 2.73 | 0.04 | 0.07 | 1.56 | 1.63 | 0.07 | 0.43 | 0.50 |

**3.6. Site Preparation (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.44 | 0.44 | 2.30 | 24.25 | 0.04 | 0.09 | | 0.09 | 0.09 | | 0.09 |
| Dust From Material Mc | | | | | | | | 7.67 | 7.67 | | 3.94 | 3.94 |
| Onsite truck | | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.76 | 0.76 | 0.00 | 0.08 | 0.08 |
| Total | | 0.45 | 0.44 | 2.33 | 24.26 | 0.04 | 0.09 | 8.43 | 8.52 | 0.09 | 4.02 | 4.11 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.06 | 0.05 | 0.05 | 0.87 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | | 0.03 | 0.01 | 0.54 | 0.26 | 0.00 | 0.01 | 0.13 | 0.14 | 0.00 | 0.04 | 0.04 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.09 | 0.07 | 0.60 | 1.13 | 0.00 | 0.01 | 0.29 | 0.30 | 0.00 | 0.07 | 0.08 |

**3.8. Rough Grading (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 2.43 | 2.43 | 12.62 | 127.01 | 0.24 | 0.49 | | 0.49 | 0.49 | | 0.49 |
| Dust From Material Movement | | | | | | | | 4.21 | 4.21 | | 1.49 | 1.49 |
| Onsite truck | | 0.00 | 0.00 | 0.03 | 0.02 | 0.00 | 0.00 | 1.99 | 1.99 | 0.00 | 0.20 | 0.20 |
| Total | | 2.43 | 2.43 | 12.65 | 127.02 | 0.24 | 0.49 | 6.20 | 6.68 | 0.49 | 1.69 | 2.18 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.23 | 0.20 | 0.21 | 3.30 | 0.00 | 0.00 | 0.62 | 0.62 | 0.00 | 0.15 | 0.15 |
| Vendor | | 0.08 | 0.03 | 1.33 | 0.65 | 0.01 | 0.02 | 0.32 | 0.33 | 0.01 | 0.09 | 0.10 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.31 | 0.24 | 1.54 | 3.96 | 0.01 | 0.02 | 0.94 | 0.95 | 0.01 | 0.23 | 0.24 |

**3.10. Fine Grading (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.25 | 0.25 | 3.59 | 12.76 | 0.02 | 0.04 | | 0.04 | 0.04 | | 0.04 |
| Dust From Material Movement | | | | | | | | 2.97 | 2.97 | | 1.36 | 1.36 |
| Onsite truck | | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.76 | 0.76 | 0.00 | 0.08 | 0.08 |
| Total | | 0.25 | 0.25 | 3.61 | 12.77 | 0.02 | 0.04 | 3.73 | 3.78 | 0.04 | 1.43 | 1.48 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.06 | 0.05 | 0.05 | 0.87 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | | 0.04 | 0.02 | 0.61 | 0.30 | 0.00 | 0.01 | 0.15 | 0.15 | 0.00 | 0.04 | 0.04 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.10 | 0.07 | 0.67 | 1.17 | 0.00 | 0.01 | 0.31 | 0.32 | 0.00 | 0.08 | 0.08 |

**3.12. Rough Grading Soil Haul (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | | | | | | | 0.01 | 0.01 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.40 | 0.08 | 6.38 | 2.48 | 0.03 | 0.07 | 1.39 | 1.46 | 0.07 | 0.38 | 0.45 |
| Total | | 0.40 | 0.08 | 6.38 | 2.48 | 0.03 | 0.07 | 1.39 | 1.46 | 0.07 | 0.38 | 0.45 |

**3.14. Fine Grading Soil Haul (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | | | | | | | 0.01 | 0.01 | | 0.00 | 0.00 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.41 | 0.08 | 6.55 | 2.55 | 0.04 | 0.07 | 1.43 | 1.50 | 0.07 | 0.39 | 0.46 |
| Total | | 0.41 | 0.08 | 6.55 | 2.55 | 0.04 | 0.07 | 1.43 | 1.50 | 0.07 | 0.39 | 0.46 |

**3.16. Building Construction (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.27 | 0.27 | 3.46 | 15.47 | 0.02 | 0.05 | | 0.05 | 0.05 | | 0.05 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.27 | 0.27 | 3.46 | 15.47 | 0.02 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.83 | 0.75 | 0.75 | 12.12 | 0.00 | 0.00 | 2.28 | 2.28 | 0.00 | 0.53 | 0.53 |
| Vendor | | 0.15 | 0.06 | 2.45 | 1.20 | 0.02 | 0.03 | 0.58 | 0.61 | 0.02 | 0.16 | 0.18 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.99 | 0.81 | 3.21 | 13.32 | 0.02 | 0.03 | 2.86 | 2.89 | 0.02 | 0.69 | 0.71 |

**3.24. Utility Trenching (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.10 | 0.10 | 1.61 | 6.03 | 0.01 | 0.02 | | 0.02 | 0.02 | | 0.02 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.10 | 0.10 | 1.61 | 6.03 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.00 | 0.02 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.05 | 0.04 | 0.04 | 0.70 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.05 | 0.04 | 0.04 | 0.70 | 0.00 | 0.00 | 0.13 | 0.13 | 0.00 | 0.03 | 0.03 |

## Offsite 2025

**3.2. Linear, Grading & Excavation (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.66 | 0.66 | 6.16 | 37.55 | 0.06 | 0.12 | | 0.12 | 0.12 | | 0.12 |
| Dust From Material Movement | | | | | | | | 1.24 | 1.24 | | 0.13 | 0.13 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.66 | 0.66 | 6.16 | 37.55 | 0.06 | 0.12 | 1.24 | 1.36 | 0.12 | 0.13 | 0.26 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.14 | 0.13 | 0.13 | 2.09 | 0.00 | 0.00 | 0.39 | 0.39 | 0.00 | 0.09 | 0.09 |
| Vendor | | 0.00 | 0.00 | 0.04 | 0.02 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.15 | 0.13 | 0.17 | 2.10 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.09 | 0.09 |

**3.4. Linear, Drainage, Utilities, & Sub-Grade (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.79 | 0.74 | 5.13 | 31.59 | 0.05 | 0.17 | | 0.17 | 0.17 | | 0.17 |
| Dust From Material Movement | | | | | | | | 1.03 | 1.03 | | 0.11 | 0.11 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.79 | 0.74 | 5.13 | 31.59 | 0.05 | 0.17 | 1.03 | 1.21 | 0.17 | 0.11 | 0.28 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.12 | 0.11 | 0.11 | 1.74 | 0.00 | 0.00 | 0.33 | 0.33 | 0.00 | 0.08 | 0.08 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.12 | 0.11 | 0.11 | 1.74 | 0.00 | 0.00 | 0.33 | 0.33 | 0.00 | 0.08 | 0.08 |

**3.6. Linear, Paving (2025) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dust From Material Movement | | 0.18 | 0.18 | 2.58 | 11.33 | 0.01 | 0.03 | | 0.03 | 0.03 | | 0.03 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.18 | 0.18 | 2.58 | 11.33 | 0.01 | 0.03 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.08 | 0.08 | 0.08 | 1.22 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.08 | 0.08 | 0.08 | 1.22 | 0.00 | 0.00 | 0.23 | 0.23 | 0.00 | 0.05 | 0.05 |

**3.18. Building Construction (2026) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.27 | 0.27 | 3.46 | 15.47 | 0.02 | 0.05 | | 0.05 | 0.05 | | 0.05 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.27 | 0.27 | 3.46 | 15.47 | 0.02 | 0.05 | 0.00 | 0.05 | 0.05 | 0.00 | 0.05 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.72 | 0.64 | 0.68 | 11.25 | 0.00 | 0.00 | 2.28 | 2.28 | 0.00 | 0.53 | 0.53 |
| Vendor | | 0.15 | 0.06 | 2.34 | 1.13 | 0.02 | 0.03 | 0.58 | 0.61 | 0.02 | 0.16 | 0.18 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.88 | 0.70 | 3.01 | 12.38 | 0.02 | 0.03 | 2.86 | 2.89 | 0.02 | 0.69 | 0.71 |

**3.20. Paving (2026) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.21 | 0.21 | 4.91 | 10.79 | 0.01 | 0.03 | | 0.03 | 0.03 | | 0.03 |
| Onsite truck | | | 0.51 | | | | | | | | | |
| Total | | 0.21 | 0.72 | 4.91 | 10.79 | 0.01 | 0.03 | 0.00 | 0.03 | 0.03 | 0.00 | 0.03 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.08 | 0.07 | 0.08 | 1.29 | 0.00 | 0.00 | 0.26 | 0.26 | 0.00 | 0.06 | 0.06 |
| Vendor | | 0.00 | 0.00 | 0.07 | 0.03 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.01 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.09 | 0.08 | 0.15 | 1.32 | 0.00 | 0.00 | 0.28 | 0.28 | 0.00 | 0.07 | 0.07 |

**3.22. Architectural Coating (2026) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.02 | 0.02 | 0.65 | 0.96 | 0.00 | 0.00 | | 0.00 | 0.00 | | 0.00 |
| Architectural Coatings | | | 29.91 | | | | | | | | | |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.02 | 29.93 | 0.65 | 0.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.14 | 0.13 | 0.14 | 2.25 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.14 | 0.13 | 0.14 | 2.25 | 0.00 | 0.00 | 0.46 | 0.46 | 0.00 | 0.11 | 0.11 |

**3.26. Finishing/Landscaping (2026) - Mitigated**

**Unmitigated Construction On-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Off-Road Equipment | | 0.30 | 0.30 | 1.58 | 17.72 | 0.03 | 0.06 | | 0.06 | 0.06 | | 0.06 |
| Onsite truck | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.30 | 0.30 | 1.58 | 17.72 | 0.03 | 0.06 | 0.00 | 0.06 | 0.06 | 0.00 | 0.06 |

**Unmitigated Construction Off-Site**

| Category | lbs/day | TOG | ROG | NOx | CO | $SO_2$ | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Worker | | 0.05 | 0.05 | 0.05 | 0.81 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |
| Vendor | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | | 0.05 | 0.05 | 0.05 | 0.81 | 0.00 | 0.00 | 0.16 | 0.16 | 0.00 | 0.04 | 0.04 |

Appendix

# Attachment B. Operational Emissions

| Truck Trips | Bldg 2 & 3 (no refrigeration) | |
|---|---|---|
| LHDT | 66 | 32% |
| MHDT | 58 | 28% |
| HHDT | 82 | 40% |
| Total | 206 | 100% |

Weighted Avg Emission Rates, Unrefrigerated

| Run 5mph | Run 25mph | Idle |
|---|---|---|
| 0.0341 | 0.0144 | 0.2790 |

| Truck Trips | Blg 1 & 4 (w/ Refrigeration) | |
|---|---|---|
| LHDT | 66 | 28% |
| MHDT | 58 | 25% |
| HHDT | 112 | 47% |
| Total | 236 | 100% |

Weighted Avg Emission Rates, Refrigerated

| Run 5mph | Run 25mph | Idle |
|---|---|---|
| 0.0315 | 0.0134 | 0.2453 |

| calendar_ye | season_mc | sub_area | vehicle_cla | fuel | temperatu | relative_hu | process | speed_time | pollutant | emission_rate |
|---|---|---|---|---|---|---|---|---|---|---|
| 2026 | Annual | Los Angele | HHDT | Dsl | | | IDLEX | | PM10 | 0.014553 |
| 2026 | Annual | Los Angele | LHDT1 | Dsl | | | IDLEX | | PM10 | 0.801084 |
| 2026 | Annual | Los Angele | LHDT2 | Dsl | | | IDLEX | | PM10 | 0.812701 |
| 2026 | Annual | Los Angele | MHDT | Dsl | | | IDLEX | | PM10 | 0.052015 |
| 2026 | Annual | Los Angele | HHDT | Dsl | 66 | 83 | RUNEX | 5 | PM10 | 0.014218 |
| 2026 | Annual | Los Angele | HHDT | Dsl | 66 | 83 | RUNEX | 25 | PM10 | 0.006863 |
| 2026 | Annual | Los Angele | LHDT1 | Dsl | 66 | 83 | RUNEX | 5 | PM10 | 0.057907 |
| 2026 | Annual | Los Angele | LHDT1 | Dsl | 66 | 83 | RUNEX | 25 | PM10 | 0.027806 |
| 2026 | Annual | Los Angele | LHDT2 | Dsl | 66 | 83 | RUNEX | 5 | PM10 | 0.05904 |
| 2026 | Annual | Los Angele | LHDT2 | Dsl | 66 | 83 | RUNEX | 25 | PM10 | 0.028741 |
| 2026 | Annual | Los Angele | MHDT | Dsl | 66 | 83 | RUNEX | 5 | PM10 | 0.034364 |
| 2026 | Annual | Los Angele | MHDT | Dsl | 66 | 83 | RUNEX | 25 | PM10 | 0.009092 |

**Health Risk Assessment, Emissions Inventory**
**Diesel Trucks, TRUs, and Yard Trucks**
**Walnut Business Park, Walnut, CA**

Operation: Industrial Warehousing

| Year: | 2026 | Buildout |
|---|---|---|

| Unrefrigerated Truck Trips [1] | | | Refrigerated Truck Trips [1] | | |
|---|---|---|---|---|---|
| LHDT | 66 | 32% | LHDT | 0 | 0% |
| MHDT | 58 | 28% | MHDT | 0 | 0% |
| HHDT | 82 | 40% | HHDT | 30 | 100% |
| Total | 206 | 100% | Total | 30 | 100% |

| Temporal Profile: | hours | days | weeks | |
|---|---|---|---|---|
| | 24 | 7 | 52 | Site Operation |

Truck Activity: [1]

| | | | |
|---|---|---|---|
| All Trucks | 236 trips per day | 118 | trucks per day (round-trip) |
| Trucks w/ TRUs | 30 trips per day | 15 | trucks per day (round-trip) |
| Idling Duration | | 30 | min |
| Truck Bays | | 24 | BLDG1 |
| | | 3 | BLDG2 |
| | | 14 | BLDG3 |
| | | 13 | BLDG4 |

| On-Site Running Emissions: | | Trucks/day (round trip) | Emission Factor (g/mi) [2] | Travel Length (m) | **On-site Running** g/s |
|---|---|---|---|---|---|
| 1 | BLDG1 | 57 | 0.0315 | 350.0 | **4.53E-06** |
| 2 | BLDG2 | 11 | 0.0341 | 180.0 | **4.86E-07** |
| 3 | BLDG3 | 26 | 0.0341 | 250.0 | **1.59E-06** |
| 4 | BLDG4 | 24 | 0.0315 | 230.0 | **1.25E-06** |

| Off-Site Running Emissions: | | Trucks/day (round trip) | Emission Factor (g/mi) [3] | Travel Length (m) | **Off-site Running** g/s | **Off-site Running** g/s [4] |
|---|---|---|---|---|---|---|
| 1 | BLDG1_Route 1 | 57 | 0.0134 | 996.4 | 5.47E-06 | **5.14E-06** |
| | BLDG1_Route 2 | | | 867.3 | 4.76E-06 | |
| 2 | BLDG2_Route 1 | 11 | 0.0144 | 1160.5 | 1.32E-06 | **1.28E-06** |
| | BLDG2_Route 2 | | | 1096.8 | 1.25E-06 | |
| 3 | BLDG3_Route 1 | 26 | 0.0144 | 1147.2 | 3.08E-06 | **2.70E-06** |
| | BLDG3_Route 2 | | | 802.9 | 2.16E-06 | |
| 4 | BLDG4_Route 1 | 24 | 0.0134 | 1239.9 | 2.87E-06 | **2.65E-06** |
| | BLDG4_Route 2 | | | 1028.8 | 2.38E-06 | |

| Idling Emissions: | | | Trucks/day (round trip) | Emission Factor [5] lbs/day | g/hr | Idling Emissions g/s | Idling Emissions g/s/bay |
|---|---|---|---|---|---|---|---|
| 1 | BLDG1 | Trucks (all) | 57 | | 0.245 | 8.09E-05 | |
| | | TRUs [6] | 10 | 2.53E-02 | | 1.33E-04 | |
| | | TOTAL | | | | 2.14E-04 | **8.91E-06** |
| 2 | BLDG2 | Trucks (all) | 11 | | 0.279 | 1.78E-05 | **5.92E-06** |
| 3 | BLDG3 | Trucks (all) | 26 | | 0.279 | 4.20E-05 | **3.00E-06** |
| 4 | BLDG4 | Trucks (all) | 24 | | 0.245 | 3.41E-05 | |
| | | TRUs [6] | 5 | 1.09E-02 | | 5.70E-05 | |
| | | TOTAL | | | | 9.11E-05 | **7.01E-06** |

| Yard DPM Emissions: [6] | lbs/day | **Yard Emissions g/s** |
|---|---|---|
| Forklift Emissions (all electric, no DPM) | 0.00E+00 | 0.00E+00 |
| Building 1 Yard Truck Emissions | 3.17E-02 | 1.66E-04 |
| Total | | **1.66E-04** |

(1) Roadway segment percentages from Traffic Impact Analysis (TIA) for the Project, prepared by Iteris, Inc., dated May 1, 2023.
(2) PM10 running emission factors (g/mi) for diesel-fueled trucks obtained from CARB (EMFAC2021) for analysis years 2026 (5 mph).
(3) PM10 running emission factors (g/mi) for diesel-fueled trucks obtained from CARB (EMFAC2021) for analysis years 2026 (25 mph).
(4) Weighted average off-site running emissions for each building, porportioned over 2 routes based on travel lengths.
(5) PM10 idling emission factors (g/day) for diesel-fueled trucks obtained from CARB (EMFAC2021) for analysis years 2026.
(6) Yard truck and TRU emissions from DEIR Air Quality Appendix, PlaceWorks, November 2023. Exhaust PM10 emissions used as surrogate for diesel particulate matter (DPM), per South Coast AQMD guidance.

Appendix

# Attachment C. Air Dispersion Model Output - Construction

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

*** MODEL SETUP OPTIONS SUMMARY ***

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 130 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9830000.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 130 Source(s); 2 Source Group(s); and 1015 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 129 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

```
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   182.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.8 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   COW-05.err
**File for Summary of Results:   COW-05.sum
```

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000238 | 0 | 0.77632E-02 | 420293.6 | 3763298.7 | 157.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000239 | 0 | 0.77632E-02 | 420314.5 | 3763313.3 | 157.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000240 | 0 | 0.77632E-02 | 420335.4 | 3763327.9 | 157.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000241 | 0 | 0.77632E-02 | 420356.2 | 3763342.5 | 157.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000242 | 0 | 0.77632E-02 | 420377.1 | 3763357.2 | 157.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000243 | 0 | 0.77632E-02 | 420398.0 | 3763371.8 | 157.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000244 | 0 | 0.77632E-02 | 420418.8 | 3763386.4 | 157.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000245 | 0 | 0.77632E-02 | 420439.7 | 3763401.0 | 157.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000246 | 0 | 0.77632E-02 | 420460.6 | 3763415.6 | 157.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000247 | 0 | 0.77632E-02 | 420481.5 | 3763430.2 | 157.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000248 | 0 | 0.77632E-02 | 420502.3 | 3763444.9 | 158.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000249 | 0 | 0.77632E-02 | 420523.2 | 3763459.5 | 157.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000250 | 0 | 0.77632E-02 | 420544.1 | 3763474.1 | 158.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000251 | 0 | 0.77632E-02 | 420564.9 | 3763488.7 | 158.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000252 | 0 | 0.77632E-02 | 420585.8 | 3763503.3 | 158.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000253 | 0 | 0.77632E-02 | 420606.7 | 3763517.9 | 158.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000254 | 0 | 0.77632E-02 | 420627.5 | 3763532.6 | 158.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000255 | 0 | 0.77632E-02 | 420648.4 | 3763547.2 | 158.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000256 | 0 | 0.77632E-02 | 420669.3 | 3763561.8 | 158.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000257 | 0 | 0.77632E-02 | 420690.2 | 3763576.4 | 159.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000258 | 0 | 0.77632E-02 | 420711.0 | 3763591.0 | 159.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000259 | 0 | 0.77632E-02 | 420731.9 | 3763605.7 | 159.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000260 | 0 | 0.77632E-02 | 420752.8 | 3763620.3 | 159.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000261 | 0 | 0.77632E-02 | 420773.6 | 3763634.9 | 159.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000262 | 0 | 0.77632E-02 | 420794.5 | 3763649.5 | 159.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000263 | 0 | 0.77632E-02 | 420815.4 | 3763664.1 | 159.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000264 | 0 | 0.77632E-02 | 420836.2 | 3763678.7 | 159.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000265 | 0 | 0.77632E-02 | 420857.1 | 3763693.4 | 159.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000266 | 0 | 0.77632E-02 | 420878.0 | 3763708.0 | 160.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000267 | 0 | 0.77632E-02 | 420898.9 | 3763722.6 | 160.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000268 | 0 | 0.77632E-02 | 420919.7 | 3763737.2 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000269 | 0 | 0.77632E-02 | 420940.6 | 3763751.8 | 160.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000270 | 0 | 0.77632E-02 | 420961.5 | 3763766.4 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000271 | 0 | 0.77632E-02 | 420982.3 | 3763781.1 | 160.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000272 | 0 | 0.77632E-02 | 421003.2 | 3763795.7 | 160.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000273 | 0 | 0.77632E-02 | 421025.4 | 3763808.2 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000274 | 0 | 0.77632E-02 | 421047.7 | 3763820.5 | 161.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000275 | 0 | 0.77632E-02 | 421070.0 | 3763832.9 | 161.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000276 | 0 | 0.77632E-02 | 421092.3 | 3763845.2 | 161.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000277 | 0 | 0.77632E-02 | 421114.3 | 3763858.0 | 161.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |

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

*** VOLUME SOURCE DATA ***

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|---|---|---|---|---|---|---|---|---|---|---|
| L0000278 | 0 | 0.77632E-02 | 421133.7 | 3763874.5 | 161.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000279 | 0 | 0.77632E-02 | 421153.1 | 3763891.0 | 161.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000280 | 0 | 0.77632E-02 | 421172.5 | 3763907.5 | 161.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000281 | 0 | 0.77632E-02 | 421191.9 | 3763924.0 | 162.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000282 | 0 | 0.77632E-02 | 421211.3 | 3763940.6 | 162.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000283 | 0 | 0.77632E-02 | 421230.7 | 3763957.1 | 162.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000284 | 0 | 0.77632E-02 | 421250.1 | 3763973.6 | 162.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000285 | 0 | 0.77632E-02 | 421269.5 | 3763990.1 | 162.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000286 | 0 | 0.77632E-02 | 421288.9 | 3764006.7 | 163.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000287 | 0 | 0.77632E-02 | 421308.3 | 3764023.2 | 163.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000288 | 0 | 0.77632E-02 | 421327.6 | 3764039.7 | 163.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000289 | 0 | 0.77632E-02 | 421347.0 | 3764056.2 | 163.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000290 | 0 | 0.77632E-02 | 421366.4 | 3764072.8 | 164.0 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000291 | 0 | 0.77632E-02 | 421385.8 | 3764089.3 | 164.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000292 | 0 | 0.77632E-02 | 421405.2 | 3764105.8 | 164.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000293 | 0 | 0.77632E-02 | 421424.6 | 3764122.3 | 164.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000294 | 0 | 0.77632E-02 | 421444.0 | 3764138.9 | 165.0 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000295 | 0 | 0.77632E-02 | 421463.4 | 3764155.4 | 165.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000296 | 0 | 0.77632E-02 | 421482.8 | 3764171.9 | 165.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000297 | 0 | 0.77632E-02 | 421501.6 | 3764189.1 | 165.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000298 | 0 | 0.77632E-02 | 421520.4 | 3764206.3 | 166.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000299 | 0 | 0.77632E-02 | 421539.2 | 3764223.5 | 166.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000300 | 0 | 0.77632E-02 | 421558.0 | 3764240.7 | 166.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000301 | 0 | 0.77632E-02 | 421577.6 | 3764257.0 | 166.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000302 | 0 | 0.77632E-02 | 421598.2 | 3764271.9 | 167.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000303 | 0 | 0.77632E-02 | 421618.9 | 3764286.8 | 167.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000304 | 0 | 0.77632E-02 | 421639.5 | 3764301.7 | 167.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000305 | 0 | 0.77632E-02 | 421660.2 | 3764316.6 | 167.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000306 | 0 | 0.77632E-02 | 421680.8 | 3764331.6 | 168.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000307 | 0 | 0.77632E-02 | 421701.5 | 3764346.5 | 168.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000308 | 0 | 0.77632E-02 | 421722.2 | 3764361.4 | 168.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000309 | 0 | 0.77632E-02 | 421742.8 | 3764376.3 | 169.0 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000310 | 0 | 0.77632E-02 | 421764.1 | 3764390.2 | 168.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000311 | 0 | 0.77632E-02 | 421786.1 | 3764403.2 | 169.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000312 | 0 | 0.77632E-02 | 421808.0 | 3764416.1 | 169.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000313 | 0 | 0.77632E-02 | 421830.0 | 3764429.0 | 169.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000314 | 0 | 0.77358E-02 | 421013.8 | 3764053.3 | 162.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000315 | 0 | 0.77358E-02 | 420988.8 | 3764048.8 | 161.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000316 | 0 | 0.77358E-02 | 420964.0 | 3764042.7 | 161.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000317 | 0 | 0.77358E-02 | 420939.3 | 3764036.6 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000318 | 0 | 0.77358E-02 | 420914.5 | 3764030.6 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000319 | 0 | 0.77358E-02 | 420889.8 | 3764024.5 | 161.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000320 | 0 | 0.77358E-02 | 420866.7 | 3764014.6 | 160.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000321 | 0 | 0.77358E-02 | 420845.6 | 3764000.4 | 160.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000322 | 0 | 0.77358E-02 | 420824.5 | 3763986.1 | 160.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000323 | 0 | 0.77358E-02 | 420803.3 | 3763971.9 | 160.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000324 | 0 | 0.77358E-02 | 420782.2 | 3763957.7 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000325 | 0 | 0.77358E-02 | 420761.0 | 3763943.4 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000326 | 0 | 0.77358E-02 | 420739.9 | 3763929.2 | 160.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000327 | 0 | 0.77358E-02 | 420718.8 | 3763915.0 | 160.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000328 | 0 | 0.77358E-02 | 420697.6 | 3763900.8 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000329 | 0 | 0.77358E-02 | 420676.5 | 3763886.5 | 160.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000330 | 0 | 0.77358E-02 | 420655.4 | 3763872.3 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000331 | 0 | 0.77358E-02 | 420634.2 | 3763858.1 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000332 | 0 | 0.77358E-02 | 420613.1 | 3763843.9 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000333 | 0 | 0.77358E-02 | 420591.9 | 3763829.6 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000334 | 0 | 0.77358E-02 | 420570.8 | 3763815.4 | 161.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000335 | 0 | 0.77358E-02 | 420549.7 | 3763801.2 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000336 | 0 | 0.77358E-02 | 420547.9 | 3763783.7 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000337 | 0 | 0.77358E-02 | 420563.3 | 3763763.3 | 161.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000338 | 0 | 0.77358E-02 | 420578.6 | 3763743.0 | 161.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000339 | 0 | 0.77358E-02 | 420593.9 | 3763722.6 | 161.0 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000340 | 0 | 0.77358E-02 | 420609.2 | 3763702.3 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000341 | 0 | 0.77358E-02 | 420624.6 | 3763681.9 | 160.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000342 | 0 | 0.77358E-02 | 420639.9 | 3763661.6 | 160.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000343 | 0 | 0.77358E-02 | 420655.2 | 3763641.2 | 160.0 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000344 | 0 | 0.77358E-02 | 420670.5 | 3763620.8 | 159.6 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000345 | 0 | 0.77358E-02 | 420685.9 | 3763600.5 | 159.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000346 | 0 | 0.77358E-02 | 420701.2 | 3763580.1 | 159.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000347 | 0 | 0.77358E-02 | 420716.5 | 3763559.8 | 159.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000348 | 0 | 0.77358E-02 | 420731.9 | 3763539.4 | 159.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000349 | 0 | 0.77358E-02 | 420747.2 | 3763519.1 | 155.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000350 | 0 | 0.77358E-02 | 420762.5 | 3763498.7 | 158.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000351 | 0 | 0.77358E-02 | 420777.8 | 3763478.4 | 159.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000352 | 0 | 0.77358E-02 | 420793.2 | 3763458.0 | 159.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000353 | 0 | 0.77358E-02 | 420808.5 | 3763437.6 | 159.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000354 | 0 | 0.77358E-02 | 420823.8 | 3763417.3 | 159.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000355 | 0 | 0.77358E-02 | 420839.1 | 3763396.9 | 159.3 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000356 | 0 | 0.77358E-02 | 420854.5 | 3763376.6 | 159.4 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000357 | 0 | 0.77358E-02 | 420869.8 | 3763356.2 | 159.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000358 | 0 | 0.77358E-02 | 420885.1 | 3763335.9 | 159.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000359 | 0 | 0.77358E-02 | 420900.4 | 3763315.5 | 159.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000360 | 0 | 0.77358E-02 | 420915.8 | 3763295.2 | 159.8 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000361 | 0 | 0.77358E-02 | 420931.1 | 3763274.8 | 159.9 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000362 | 0 | 0.77358E-02 | 420946.0 | 3763254.2 | 160.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000363 | 0 | 0.77358E-02 | 420957.9 | 3763231.7 | 160.1 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000364 | 0 | 0.77358E-02 | 420969.8 | 3763209.1 | 160.2 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000365 | 0 | 0.77358E-02 | 420981.8 | 3763186.6 | 160.5 | 4.15 | 11.85 | 3.26 | YES | HRDOW |
| L0000366 | 0 | 0.77358E-02 | 420993.7 | 3763164.1 | 160.7 | 4.15 | 11.85 | 3.26 | YES | HRDOW |

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

*** AREAPOLY SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC /METER**2) | LOCATION OF AREA X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | NUMBER OF VERTS. | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0.86624E-05 | 420551.2 | 3763793.9 | 161.1 | 4.15 | 26 | 1.93 | YES | HRDOW |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| ONSITE | 1 , |
| OFFSITE | L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , |
| | L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , |
| | L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , L0000261 , |
| | L0000262 , L0000263 , L0000264 , L0000265 , L0000266 , L0000267 , L0000268 , L0000269 , |
| | L0000270 , L0000271 , L0000272 , L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , |
| | L0000278 , L0000279 , L0000280 , L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , |
| | L0000286 , L0000287 , L0000288 , L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , |
| | L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , L0000301 , |
| | L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , L0000309 , |
| | L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , L0000317 , |
| | L0000318 , L0000319 , L0000320 , L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , |
| | L0000326 , L0000327 , L0000328 , L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , |
| | L0000334 , L0000335 , L0000336 , L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , |
| | L0000342 , L0000343 , L0000344 , L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , |
| | L0000350 , L0000351 , L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , |
| | L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , |
| | L0000366 , |

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

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

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|
| | 9830000. | 1 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , |
| | | L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 , |
| | | L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 , L0000259 , L0000260 , |
| | | L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , L0000266 , L0000267 , L0000268 , |
| | | L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 , L0000275 , L0000276 , |
| | | L0000277 , L0000278 , L0000279 , L0000280 , L0000281 , L0000282 , L0000283 , L0000284 , |
| | | L0000285 , L0000286 , L0000287 , L0000288 , L0000289 , L0000290 , L0000291 , L0000292 , |
| | | L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 , |
| | | L0000301 , L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 , |
| | | L0000309 , L0000310 , L0000311 , L0000312 , L0000313 , L0000314 , L0000315 , L0000316 , |
| | | L0000317 , L0000318 , L0000319 , L0000320 , L0000321 , L0000322 , L0000323 , L0000324 , |
| | | L0000325 , L0000326 , L0000327 , L0000328 , L0000329 , L0000330 , L0000331 , L0000332 , |
| | | L0000333 , L0000334 , L0000335 , L0000336 , L0000337 , L0000338 , L0000339 , L0000340 , |
| | | L0000341 , L0000342 , L0000343 , L0000344 , L0000345 , L0000346 , L0000347 , L0000348 , |
| | | L0000349 , L0000350 , L0000351 , L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , |
| | | L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , |
| | | L0000365 , L0000366 , |

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

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

SOURCE ID = 1 ; SOURCE TYPE = AREAPOLY :

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

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

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

SOURCE ID = L0000238 TO L0000366 ; SOURCE TYPE = VOLUME :

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

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( | 420162.2, | 3763821.0, | 163.2, | 168.8, | 0.0); | ( | 420180.6, | 3763830.0, | 163.6, | 163.6, | 0.0); |
| ( | 420200.6, | 3763830.0, | 163.7, | 163.7, | 0.0); | ( | 420200.6, | 3763850.0, | 163.6, | 163.6, | 0.0); |
| ( | 420220.6, | 3763850.0, | 163.7, | 163.7, | 0.0); | ( | 420240.6, | 3763850.0, | 163.6, | 163.6, | 0.0); |
| ( | 420160.6, | 3763870.0, | 163.9, | 163.9, | 0.0); | ( | 420180.6, | 3763870.0, | 163.8, | 163.8, | 0.0); |
| ( | 420220.6, | 3763870.0, | 163.8, | 163.8, | 0.0); | ( | 420240.6, | 3763870.0, | 164.0, | 164.0, | 0.0); |
| ( | 420260.6, | 3763870.0, | 163.8, | 163.8, | 0.0); | ( | 420160.6, | 3763890.0, | 164.1, | 164.1, | 0.0); |
| ( | 420200.6, | 3763890.0, | 163.9, | 163.9, | 0.0); | ( | 420260.6, | 3763890.0, | 163.9, | 163.9, | 0.0); |
| ( | 420280.6, | 3763890.0, | 164.2, | 164.2, | 0.0); | ( | 420140.6, | 3763910.0, | 163.9, | 163.9, | 0.0); |
| ( | 420200.6, | 3763910.0, | 164.4, | 164.4, | 0.0); | ( | 420220.6, | 3763910.0, | 164.0, | 164.0, | 0.0); |
| ( | 420280.6, | 3763910.0, | 164.0, | 164.0, | 0.0); | ( | 420300.6, | 3763910.0, | 164.2, | 164.2, | 0.0); |
| ( | 420160.6, | 3763930.0, | 164.5, | 164.5, | 0.0); | ( | 420180.6, | 3763930.0, | 164.8, | 164.8, | 0.0); |
| ( | 420220.6, | 3763930.0, | 164.4, | 164.4, | 0.0); | ( | 420240.6, | 3763930.0, | 164.4, | 164.4, | 0.0); |
| ( | 420260.6, | 3763930.0, | 164.0, | 164.0, | 0.0); | ( | 420320.6, | 3763930.0, | 164.4, | 164.4, | 0.0); |
| ( | 420340.6, | 3763930.0, | 164.5, | 164.5, | 0.0); | ( | 420120.6, | 3763950.0, | 164.7, | 164.7, | 0.0); |
| ( | 420140.6, | 3763950.0, | 164.8, | 164.8, | 0.0); | ( | 420200.6, | 3763950.0, | 164.8, | 164.8, | 0.0); |
| ( | 420220.6, | 3763950.0, | 164.9, | 164.9, | 0.0); | ( | 420260.6, | 3763950.0, | 164.5, | 164.5, | 0.0); |
| ( | 420280.6, | 3763950.0, | 164.3, | 164.3, | 0.0); | ( | 420340.6, | 3763950.0, | 164.4, | 164.4, | 0.0); |
| ( | 420360.6, | 3763950.0, | 164.4, | 164.4, | 0.0); | ( | 420120.6, | 3763970.0, | 165.0, | 165.0, | 0.0); |
| ( | 420140.6, | 3763970.0, | 165.2, | 165.2, | 0.0); | ( | 420160.6, | 3763970.0, | 164.8, | 164.8, | 0.0); |
| ( | 420240.6, | 3763970.0, | 165.0, | 165.0, | 0.0); | ( | 420300.6, | 3763970.0, | 164.4, | 164.4, | 0.0); |
| ( | 420340.6, | 3763970.0, | 164.5, | 164.5, | 0.0); | ( | 420360.6, | 3763970.0, | 164.4, | 164.4, | 0.0); |
| ( | 420100.6, | 3763990.0, | 164.8, | 164.8, | 0.0); | ( | 420120.6, | 3763990.0, | 165.1, | 165.1, | 0.0); |
| ( | 420160.6, | 3763990.0, | 165.2, | 165.2, | 0.0); | ( | 420180.6, | 3763990.0, | 164.8, | 164.8, | 0.0); |
| ( | 420240.6, | 3763990.0, | 165.0, | 165.0, | 0.0); | ( | 420260.6, | 3763990.0, | 165.2, | 165.2, | 0.0); |
| ( | 420280.6, | 3763990.0, | 165.0, | 165.0, | 0.0); | ( | 420340.6, | 3763990.0, | 164.5, | 164.5, | 0.0); |
| ( | 420120.6, | 3764010.0, | 165.2, | 165.2, | 0.0); | ( | 420140.6, | 3764010.0, | 165.3, | 165.3, | 0.0); |
| ( | 420160.6, | 3764010.0, | 164.9, | 164.9, | 0.0); | ( | 420200.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( | 420220.6, | 3764010.0, | 165.0, | 165.0, | 0.0); | ( | 420280.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( | 420320.6, | 3764010.0, | 164.7, | 164.7, | 0.0); | ( | 420400.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( | 420420.6, | 3764010.0, | 164.8, | 164.8, | 0.0); | ( | 420440.6, | 3764010.0, | 164.8, | 164.8, | 0.0); |
| ( | 420180.6, | 3764030.0, | 165.1, | 165.1, | 0.0); | ( | 420200.6, | 3764030.0, | 165.3, | 165.3, | 0.0); |
| ( | 420240.6, | 3764030.0, | 165.0, | 165.0, | 0.0); | ( | 420300.6, | 3764030.0, | 164.7, | 164.7, | 0.0); |
| ( | 420320.6, | 3764030.0, | 164.8, | 164.8, | 0.0); | ( | 420400.6, | 3764030.0, | 165.0, | 165.0, | 0.0); |
| ( | 420440.6, | 3764030.0, | 164.8, | 164.8, | 0.0); | ( | 420460.6, | 3764030.0, | 164.6, | 164.6, | 0.0); |
| ( | 420180.6, | 3764050.0, | 165.6, | 165.6, | 0.0); | ( | 420200.6, | 3764050.0, | 165.7, | 165.7, | 0.0); |
| ( | 420240.6, | 3764050.0, | 165.4, | 165.4, | 0.0); | ( | 420280.6, | 3764050.0, | 165.0, | 165.0, | 0.0); |
| ( | 420380.6, | 3764050.0, | 165.2, | 165.2, | 0.0); | ( | 420480.6, | 3764050.0, | 164.5, | 164.5, | 0.0); |
| ( | 420200.6, | 3764070.0, | 165.8, | 165.8, | 0.0); | ( | 420220.6, | 3764070.0, | 165.5, | 165.5, | 0.0); |
| ( | 420260.6, | 3764070.0, | 165.2, | 165.2, | 0.0); | ( | 420280.6, | 3764070.0, | 165.4, | 165.4, | 0.0); |
| ( | 420360.6, | 3764070.0, | 165.2, | 165.2, | 0.0); | ( | 420420.6, | 3764070.0, | 165.0, | 165.0, | 0.0); |
| ( | 420440.6, | 3764070.0, | 164.9, | 164.9, | 0.0); | ( | 420260.6, | 3764090.0, | 165.6, | 165.6, | 0.0); |
| ( | 420340.6, | 3764090.0, | 165.4, | 165.4, | 0.0); | ( | 420400.6, | 3764090.0, | 165.0, | 165.0, | 0.0); |
| ( | 420420.6, | 3764090.0, | 165.1, | 165.1, | 0.0); | ( | 420440.6, | 3764090.0, | 165.0, | 165.0, | 0.0); |
| ( | 420460.6, | 3764090.0, | 164.6, | 164.6, | 0.0); | ( | 420260.6, | 3764110.0, | 166.1, | 166.1, | 0.0); |
| ( | 420340.6, | 3764110.0, | 165.6, | 165.6, | 0.0); | ( | 420400.6, | 3764110.0, | 165.3, | 165.3, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420420.6, | 3764110.0, | 165.2, | 165.2, | 0.0); | ( 420440.6, | 3764110.0, | 164.9, | 164.9, | 0.0); |
| ( 420320.6, | 3764130.0, | 166.1, | 166.1, | 0.0); | ( 420380.6, | 3764130.0, | 165.5, | 165.5, | 0.0); |
| ( 420400.6, | 3764130.0, | 165.4, | 165.4, | 0.0); | ( 420420.6, | 3764130.0, | 165.1, | 165.1, | 0.0); |
| ( 420360.6, | 3764150.0, | 165.7, | 165.7, | 0.0); | ( 420400.6, | 3764150.0, | 165.5, | 165.5, | 0.0); |
| ( 420340.6, | 3764170.0, | 166.1, | 166.1, | 0.0); | ( 420380.6, | 3764170.0, | 165.9, | 165.9, | 0.0); |
| ( 420400.6, | 3764170.0, | 165.6, | 165.6, | 0.0); | ( 420380.6, | 3764190.0, | 166.0, | 166.0, | 0.0); |
| ( 420714.6, | 3764272.4, | 163.7, | 163.7, | 0.0); | ( 420734.6, | 3764284.4, | 163.8, | 163.8, | 0.0); |
| ( 420754.6, | 3764284.4, | 163.6, | 163.6, | 0.0); | ( 420280.6, | 3763433.1, | 159.1, | 189.6, | 0.0); |
| ( 420260.6, | 3763453.1, | 159.4, | 189.6, | 0.0); | ( 420260.6, | 3763473.1, | 159.8, | 189.6, | 0.0); |
| ( 420233.6, | 3763487.8, | 160.2, | 189.6, | 0.0); | ( 420253.6, | 3763507.8, | 160.3, | 188.8, | 0.0); |
| ( 420200.6, | 3763533.1, | 160.7, | 189.6, | 0.0); | ( 420223.5, | 3763541.3, | 160.7, | 188.8, | 0.0); |
| ( 420240.6, | 3763533.1, | 160.6, | 181.8, | 0.0); | ( 420179.2, | 3763563.8, | 161.3, | 196.5, | 0.0); |
| ( 420200.6, | 3763573.1, | 161.5, | 161.5, | 0.0); | ( 420234.6, | 3763578.6, | 160.9, | 160.9, | 0.0); |
| ( 420200.6, | 3763593.1, | 161.6, | 161.6, | 0.0); | ( 420160.6, | 3763613.1, | 161.5, | 196.5, | 0.0); |
| ( 420138.2, | 3763640.2, | 161.9, | 196.8, | 0.0); | ( 420200.6, | 3763613.1, | 161.4, | 161.4, | 0.0); |
| ( 420180.6, | 3763633.1, | 161.8, | 194.6, | 0.0); | ( 420172.2, | 3763656.0, | 162.1, | 194.6, | 0.0); |
| ( 420160.6, | 3763673.1, | 162.0, | 196.5, | 0.0); | ( 420160.6, | 3763693.1, | 162.0, | 196.5, | 0.0); |
| ( 420092.8, | 3763719.3, | 162.5, | 196.8, | 0.0); | ( 420140.6, | 3763713.1, | 162.1, | 196.8, | 0.0); |
| ( 420120.6, | 3763733.1, | 162.2, | 196.8, | 0.0); | ( 420804.9, | 3764263.3, | 163.5, | 195.8, | 0.0); |
| ( 420820.9, | 3764270.7, | 163.5, | 196.8, | 0.0); | ( 420839.9, | 3764276.5, | 163.5, | 196.8, | 0.0); |
| ( 420860.7, | 3764279.5, | 163.7, | 196.8, | 0.0); | ( 420880.7, | 3764279.5, | 163.9, | 197.1, | 0.0); |
| ( 420892.7, | 3764288.8, | 164.4, | 197.1, | 0.0); | ( 420900.7, | 3764299.5, | 164.2, | 197.1, | 0.0); |
| ( 420920.7, | 3764299.5, | 164.0, | 197.3, | 0.0); | ( 420980.7, | 3764299.5, | 163.7, | 197.3, | 0.0); |
| ( 420740.7, | 3764319.5, | 163.9, | 195.8, | 0.0); | ( 420780.7, | 3764319.5, | 163.8, | 196.8, | 0.0); |
| ( 420800.7, | 3764319.5, | 164.0, | 197.1, | 0.0); | ( 420820.7, | 3764319.5, | 164.0, | 197.1, | 0.0); |
| ( 420840.7, | 3764319.5, | 164.1, | 197.1, | 0.0); | ( 420940.7, | 3764319.5, | 164.5, | 197.3, | 0.0); |
| ( 420980.7, | 3764319.5, | 164.5, | 197.3, | 0.0); | ( 421003.3, | 3764310.5, | 164.5, | 197.3, | 0.0); |
| ( 421023.3, | 3764310.5, | 165.5, | 197.3, | 0.0); | ( 421043.3, | 3764310.5, | 165.6, | 197.1, | 0.0); |
| ( 421063.3, | 3764310.5, | 165.8, | 197.1, | 0.0); | ( 421083.3, | 3764310.5, | 166.0, | 197.1, | 0.0); |
| ( 421103.3, | 3764310.5, | 166.1, | 196.8, | 0.0); | ( 421123.3, | 3764310.5, | 166.1, | 196.8, | 0.0); |
| ( 421143.3, | 3764310.5, | 166.2, | 196.2, | 0.0); | ( 421163.3, | 3764310.5, | 166.2, | 196.2, | 0.0); |
| ( 421183.3, | 3764310.5, | 166.3, | 196.2, | 0.0); | ( 421203.3, | 3764310.5, | 166.3, | 195.4, | 0.0); |
| ( 421223.3, | 3764310.5, | 166.1, | 193.0, | 0.0); | ( 421243.3, | 3764310.5, | 166.0, | 192.2, | 0.0); |
| ( 421263.3, | 3764310.5, | 166.0, | 166.0, | 0.0); | ( 421283.3, | 3764310.5, | 165.9, | 165.9, | 0.0); |
| ( 421303.3, | 3764310.5, | 165.8, | 165.8, | 0.0); | ( 420760.7, | 3764339.5, | 163.9, | 197.1, | 0.0); |
| ( 420860.7, | 3764339.5, | 164.2, | 197.3, | 0.0); | ( 420880.7, | 3764339.5, | 164.2, | 197.3, | 0.0); |
| ( 420920.7, | 3764339.5, | 164.4, | 197.3, | 0.0); | ( 420980.7, | 3764339.5, | 165.4, | 197.3, | 0.0); |
| ( 420700.4, | 3764305.4, | 164.7, | 164.7, | 0.0); | ( 420780.7, | 3764359.5, | 164.3, | 197.3, | 0.0); |
| ( 420800.7, | 3764359.5, | 164.4, | 197.3, | 0.0); | ( 420823.9, | 3764366.2, | 164.6, | 197.3, | 0.0); |
| ( 420920.7, | 3764359.5, | 165.5, | 197.3, | 0.0); | ( 420980.7, | 3764359.5, | 166.8, | 197.3, | 0.0); |
| ( 421011.0, | 3764363.2, | 166.3, | 197.3, | 0.0); | ( 421031.0, | 3764363.2, | 166.2, | 197.3, | 0.0); |
| ( 421051.0, | 3764363.2, | 166.4, | 197.3, | 0.0); | ( 421071.0, | 3764363.2, | 166.5, | 197.3, | 0.0); |
| ( 421091.0, | 3764363.2, | 166.7, | 197.3, | 0.0); | ( 421111.0, | 3764363.2, | 166.8, | 197.3, | 0.0); |
| ( 421131.0, | 3764363.2, | 167.1, | 197.3, | 0.0); | ( 421151.0, | 3764363.2, | 167.3, | 197.2, | 0.0); |
| ( 421171.0, | 3764363.2, | 166.9, | 196.8, | 0.0); | ( 421191.0, | 3764368.8, | 167.1, | 196.8, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 421210.2, | 3764368.4, | 166.9, | 196.8, | 0.0); | ( 421230.2, | 3764368.4, | 166.6, | 196.2, | 0.0); |
| ( 421250.2, | 3764368.4, | 166.5, | 195.8, | 0.0); | ( 421270.2, | 3764368.4, | 166.4, | 193.0, | 0.0); |
| ( 421290.2, | 3764368.4, | 166.3, | 192.2, | 0.0); | ( 421310.2, | 3764368.4, | 166.1, | 184.2, | 0.0); |
| ( 420843.6, | 3764371.6, | 164.9, | 197.3, | 0.0); | ( 420860.7, | 3764379.5, | 165.3, | 197.3, | 0.0); |
| ( 420880.7, | 3764379.5, | 166.1, | 197.3, | 0.0); | ( 420898.4, | 3764385.3, | 166.9, | 197.3, | 0.0); |
| ( 420980.7, | 3764379.5, | 168.6, | 197.3, | 0.0); | ( 420760.7, | 3764399.5, | 164.6, | 197.3, | 0.0); |
| ( 420780.7, | 3764399.5, | 164.7, | 197.3, | 0.0); | ( 420920.7, | 3764399.5, | 167.7, | 197.3, | 0.0); |
| ( 420940.7, | 3764399.5, | 167.4, | 197.3, | 0.0); | ( 420980.7, | 3764399.5, | 170.5, | 197.3, | 0.0); |
| ( 420746.3, | 3764412.5, | 164.9, | 197.3, | 0.0); | ( 420780.7, | 3764419.5, | 165.4, | 197.3, | 0.0); |
| ( 420820.7, | 3764419.5, | 164.7, | 197.3, | 0.0); | ( 420840.7, | 3764419.5, | 165.0, | 197.3, | 0.0); |
| ( 420940.7, | 3764419.5, | 168.9, | 197.3, | 0.0); | ( 420980.7, | 3764419.5, | 172.2, | 197.3, | 0.0); |
| ( 421013.1, | 3764405.8, | 172.9, | 197.3, | 0.0); | ( 421033.1, | 3764405.8, | 173.7, | 197.3, | 0.0); |
| ( 421053.1, | 3764405.8, | 174.0, | 197.3, | 0.0); | ( 421073.1, | 3764405.8, | 174.3, | 197.2, | 0.0); |
| ( 421093.1, | 3764405.8, | 174.6, | 196.8, | 0.0); | ( 421113.1, | 3764405.8, | 175.0, | 196.8, | 0.0); |
| ( 421133.1, | 3764405.8, | 175.5, | 196.2, | 0.0); | ( 421160.7, | 3764419.5, | 177.5, | 194.0, | 0.0); |
| ( 421180.7, | 3764419.5, | 177.1, | 192.2, | 0.0); | ( 421220.7, | 3764419.5, | 169.6, | 196.8, | 0.0); |
| ( 421233.3, | 3764408.3, | 168.2, | 196.8, | 0.0); | ( 421253.3, | 3764408.3, | 168.1, | 195.8, | 0.0); |
| ( 421273.3, | 3764408.3, | 167.5, | 195.8, | 0.0); | ( 421293.3, | 3764408.3, | 167.2, | 194.3, | 0.0); |
| ( 420746.3, | 3764432.5, | 165.5, | 197.3, | 0.0); | ( 420780.7, | 3764439.5, | 165.7, | 197.3, | 0.0); |
| ( 420820.7, | 3764439.5, | 165.1, | 197.3, | 0.0); | ( 420860.7, | 3764439.5, | 166.3, | 197.3, | 0.0); |
| ( 420880.7, | 3764439.5, | 166.9, | 197.3, | 0.0); | ( 420940.7, | 3764439.5, | 169.5, | 197.3, | 0.0); |
| ( 420980.7, | 3764439.5, | 173.4, | 197.3, | 0.0); | ( 420994.2, | 3764453.0, | 174.4, | 197.3, | 0.0); |
| ( 421014.2, | 3764453.0, | 175.0, | 197.3, | 0.0); | ( 421034.2, | 3764453.0, | 175.6, | 197.3, | 0.0); |
| ( 421054.2, | 3764453.0, | 176.0, | 197.3, | 0.0); | ( 421074.2, | 3764453.0, | 176.3, | 197.3, | 0.0); |
| ( 421094.2, | 3764453.0, | 176.5, | 197.3, | 0.0); | ( 421114.2, | 3764453.0, | 176.9, | 197.2, | 0.0); |
| ( 421134.2, | 3764453.0, | 177.6, | 196.8, | 0.0); | ( 421180.7, | 3764439.5, | 178.6, | 192.2, | 0.0); |
| ( 421220.7, | 3764439.5, | 170.6, | 196.8, | 0.0); | ( 420737.0, | 3764453.0, | 165.9, | 197.3, | 0.0); |
| ( 420780.7, | 3764459.5, | 165.9, | 197.3, | 0.0); | ( 420820.7, | 3764459.5, | 165.9, | 197.3, | 0.0); |
| ( 420920.7, | 3764459.5, | 171.1, | 197.3, | 0.0); | ( 421134.2, | 3764473.0, | 179.9, | 196.8, | 0.0); |
| ( 421180.7, | 3764459.5, | 180.1, | 192.2, | 0.0); | ( 421200.7, | 3764459.5, | 180.3, | 182.3, | 0.0); |
| ( 421233.3, | 3764448.3, | 170.5, | 196.8, | 0.0); | ( 421252.3, | 3764459.0, | 168.7, | 196.8, | 0.0); |
| ( 421293.3, | 3764448.3, | 167.1, | 195.8, | 0.0); | ( 420737.0, | 3764473.0, | 166.2, | 197.3, | 0.0); |
| ( 420820.7, | 3764479.5, | 166.8, | 197.3, | 0.0); | ( 420871.8, | 3764475.0, | 172.9, | 197.3, | 0.0); |
| ( 420920.7, | 3764479.5, | 173.4, | 197.3, | 0.0); | ( 421180.7, | 3764479.5, | 181.6, | 191.0, | 0.0); |
| ( 421200.7, | 3764479.5, | 182.6, | 182.6, | 0.0); | ( 421260.7, | 3764479.5, | 169.6, | 196.8, | 0.0); |
| ( 421280.7, | 3764479.5, | 167.6, | 196.8, | 0.0); | ( 420737.0, | 3764493.0, | 166.6, | 197.3, | 0.0); |
| ( 420767.7, | 3764492.5, | 167.0, | 197.3, | 0.0); | ( 420820.7, | 3764499.5, | 167.8, | 197.3, | 0.0); |
| ( 420871.8, | 3764495.0, | 174.9, | 197.3, | 0.0); | ( 420920.7, | 3764499.5, | 174.7, | 197.3, | 0.0); |
| ( 421114.2, | 3764513.0, | 188.9, | 191.0, | 0.0); | ( 421134.2, | 3764513.0, | 187.3, | 187.3, | 0.0); |
| ( 421200.7, | 3764499.5, | 183.9, | 183.9, | 0.0); | ( 421280.7, | 3764499.5, | 167.7, | 197.2, | 0.0); |
| ( 420730.5, | 3764507.7, | 166.7, | 197.3, | 0.0); | ( 420767.7, | 3764512.5, | 167.8, | 197.3, | 0.0); |
| ( 420820.7, | 3764519.5, | 169.1, | 197.3, | 0.0); | ( 420871.8, | 3764515.0, | 176.6, | 197.3, | 0.0); |
| ( 420920.7, | 3764519.5, | 177.5, | 197.3, | 0.0); | ( 421000.3, | 3764522.3, | 194.2, | 196.2, | 0.0); |
| ( 421020.3, | 3764522.3, | 194.7, | 194.7, | 0.0); | ( 421040.3, | 3764522.3, | 193.9, | 193.9, | 0.0); |
| ( 421060.3, | 3764522.3, | 192.8, | 192.8, | 0.0); | ( 421080.3, | 3764522.3, | 191.5, | 191.5, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 421200.7, | 3764519.5, | 184.5, | 184.5, | 0.0); | ( 421280.7, | 3764519.5, | 167.8, | 197.2, | 0.0); |
| ( 420730.5, | 3764527.7, | 167.0, | 197.3, | 0.0); | ( 420767.7, | 3764532.5, | 168.6, | 197.3, | 0.0); |
| ( 420820.7, | 3764539.5, | 170.7, | 197.3, | 0.0); | ( 420860.7, | 3764539.5, | 177.8, | 197.3, | 0.0); |
| ( 420920.7, | 3764539.5, | 180.2, | 197.3, | 0.0); | ( 420980.7, | 3764539.5, | 196.1, | 196.1, | 0.0); |
| ( 421160.7, | 3764539.5, | 186.2, | 186.2, | 0.0); | ( 421180.7, | 3764539.5, | 185.1, | 185.1, | 0.0); |
| ( 421280.7, | 3764539.5, | 167.9, | 197.2, | 0.0); | ( 420860.7, | 3764559.5, | 179.7, | 197.3, | 0.0); |
| ( 420909.1, | 3764562.6, | 180.8, | 197.3, | 0.0); | ( 420980.7, | 3764559.5, | 196.4, | 196.4, | 0.0); |
| ( 421040.7, | 3764559.5, | 195.5, | 195.5, | 0.0); | ( 421080.7, | 3764559.5, | 191.8, | 195.8, | 0.0); |
| ( 421100.7, | 3764559.5, | 190.8, | 190.8, | 0.0); | ( 421120.7, | 3764559.5, | 189.6, | 194.3, | 0.0); |
| ( 421140.7, | 3764559.5, | 188.5, | 194.3, | 0.0); | ( 421160.7, | 3764559.5, | 187.2, | 187.2, | 0.0); |
| ( 420960.7, | 3764579.5, | 194.9, | 197.1, | 0.0); | ( 421020.7, | 3764579.5, | 196.1, | 196.1, | 0.0); |
| ( 420680.8, | 3764330.6, | 165.4, | 165.4, | 0.0); | ( 420720.8, | 3764330.6, | 164.6, | 164.6, | 0.0); |
| ( 420660.8, | 3764350.6, | 165.6, | 165.6, | 0.0); | ( 420692.0, | 3764426.0, | 165.4, | 196.8, | 0.0); |
| ( 420720.8, | 3764350.6, | 164.2, | 195.8, | 0.0); | ( 420660.8, | 3764370.6, | 166.0, | 166.0, | 0.0); |
| ( 420700.8, | 3764370.6, | 165.3, | 165.3, | 0.0); | ( 420700.8, | 3764390.6, | 165.4, | 195.8, | 0.0); |
| ( 420700.8, | 3764410.6, | 165.2, | 196.8, | 0.0); | ( 420680.8, | 3764450.6, | 166.3, | 186.1, | 0.0); |
| ( 420680.8, | 3764470.6, | 166.8, | 190.6, | 0.0); | ( 420680.8, | 3764490.6, | 167.2, | 192.1, | 0.0); |
| ( 420101.1, | 3763674.8, | 161.8, | 196.8, | 0.0); | ( 420083.5, | 3763665.6, | 161.8, | 196.8, | 0.0); |
| ( 420070.9, | 3763688.2, | 161.9, | 196.8, | 0.0); | ( 420083.0, | 3763697.5, | 162.1, | 196.8, | 0.0); |
| ( 420043.6, | 3763644.2, | 162.0, | 196.8, | 0.0); | ( 420057.5, | 3763625.3, | 161.9, | 196.8, | 0.0); |
| ( 420067.1, | 3763611.9, | 162.0, | 196.8, | 0.0); | ( 420079.7, | 3763600.6, | 161.9, | 196.8, | 0.0); |
| ( 420101.5, | 3763588.4, | 161.6, | 196.8, | 0.0); | ( 420107.8, | 3763573.3, | 161.7, | 196.8, | 0.0); |
| ( 420119.5, | 3763558.7, | 161.5, | 196.8, | 0.0); | ( 420130.0, | 3763541.1, | 161.6, | 196.8, | 0.0); |
| ( 420141.8, | 3763528.9, | 161.5, | 196.8, | 0.0); | ( 420177.1, | 3763505.1, | 160.8, | 196.5, | 0.0); |
| ( 420182.5, | 3763490.5, | 161.0, | 194.4, | 0.0); | ( 420189.8, | 3763470.2, | 160.4, | 189.6, | 0.0); |
| ( 420205.2, | 3763456.3, | 160.0, | 189.6, | 0.0); | ( 420211.9, | 3763443.9, | 159.9, | 189.6, | 0.0); |
| ( 420221.3, | 3763427.5, | 159.5, | 189.6, | 0.0); | ( 420233.1, | 3763414.8, | 159.1, | 189.6, | 0.0); |
| ( 420187.1, | 3763375.1, | 164.9, | 189.6, | 0.0); | ( 420174.0, | 3763398.7, | 167.5, | 189.6, | 0.0); |
| ( 420159.8, | 3763419.9, | 170.3, | 189.6, | 0.0); | ( 420144.6, | 3763435.7, | 170.8, | 189.6, | 0.0); |
| ( 420157.4, | 3763449.3, | 168.2, | 189.6, | 0.0); | ( 420203.2, | 3763366.3, | 161.8, | 189.6, | 0.0); |
| ( 420212.3, | 3763349.4, | 160.4, | 189.6, | 0.0); | ( 420110.8, | 3763789.6, | 168.7, | 168.7, | 0.0); |
| ( 420095.8, | 3763777.3, | 168.6, | 168.6, | 0.0); | ( 420082.8, | 3763760.9, | 167.1, | 168.6, | 0.0); |
| ( 420069.1, | 3763754.1, | 167.7, | 195.4, | 0.0); | ( 420054.1, | 3763743.1, | 168.4, | 196.8, | 0.0); |
| ( 420101.9, | 3763822.3, | 168.0, | 168.0, | 0.0); | ( 420083.5, | 3763829.8, | 168.6, | 168.6, | 0.0); |
| ( 420062.3, | 3763818.2, | 168.5, | 168.5, | 0.0); | ( 420054.1, | 3763806.6, | 168.5, | 168.5, | 0.0); |
| ( 420037.0, | 3763795.7, | 168.4, | 195.9, | 0.0); | ( 420087.9, | 3763866.4, | 167.8, | 167.8, | 0.0); |
| ( 420067.0, | 3763858.5, | 168.1, | 168.1, | 0.0); | ( 420049.4, | 3763847.6, | 168.0, | 168.0, | 0.0); |
| ( 420032.6, | 3763850.9, | 167.7, | 195.6, | 0.0); | ( 420490.3, | 3764285.9, | 166.2, | 166.2, | 0.0); |
| ( 420510.3, | 3764285.9, | 166.0, | 166.0, | 0.0); | ( 420530.3, | 3764285.9, | 165.7, | 165.7, | 0.0); |
| ( 420550.3, | 3764285.9, | 165.5, | 165.5, | 0.0); | ( 420570.3, | 3764285.9, | 165.3, | 165.3, | 0.0); |
| ( 420590.3, | 3764285.9, | 165.2, | 165.2, | 0.0); | ( 420610.3, | 3764285.9, | 165.2, | 165.2, | 0.0); |
| ( 420390.3, | 3764305.9, | 167.1, | 167.1, | 0.0); | ( 420410.3, | 3764305.9, | 166.9, | 166.9, | 0.0); |
| ( 420430.3, | 3764305.9, | 166.6, | 166.6, | 0.0); | ( 420450.3, | 3764305.9, | 166.6, | 166.6, | 0.0); |
| ( 420470.3, | 3764305.9, | 166.6, | 166.6, | 0.0); | ( 420490.3, | 3764305.9, | 166.5, | 166.5, | 0.0); |
| ( 420510.3, | 3764305.9, | 166.3, | 166.3, | 0.0); | ( 420530.3, | 3764305.9, | 166.2, | 166.2, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420550.3, | 3764305.9, | 165.8, | 165.8, | 0.0); | ( 420570.3, | 3764305.9, | 165.5, | 165.5, | 0.0); |
| ( 420590.3, | 3764305.9, | 165.5, | 165.5, | 0.0); | ( 420610.3, | 3764305.9, | 165.6, | 165.6, | 0.0); |
| ( 420390.3, | 3764325.9, | 167.4, | 167.4, | 0.0); | ( 420410.3, | 3764325.9, | 167.3, | 167.3, | 0.0); |
| ( 420430.3, | 3764325.9, | 166.9, | 166.9, | 0.0); | ( 420450.3, | 3764325.9, | 166.9, | 166.9, | 0.0); |
| ( 420470.3, | 3764325.9, | 166.8, | 166.8, | 0.0); | ( 420490.3, | 3764325.9, | 166.7, | 166.7, | 0.0); |
| ( 420510.3, | 3764325.9, | 166.6, | 166.6, | 0.0); | ( 420530.3, | 3764325.9, | 166.5, | 166.5, | 0.0); |
| ( 420550.3, | 3764325.9, | 166.1, | 166.1, | 0.0); | ( 420570.3, | 3764325.9, | 165.8, | 165.8, | 0.0); |
| ( 420590.3, | 3764325.9, | 165.7, | 165.7, | 0.0); | ( 420410.3, | 3764345.9, | 167.2, | 167.2, | 0.0); |
| ( 420430.3, | 3764345.9, | 167.2, | 167.2, | 0.0); | ( 420450.3, | 3764345.9, | 167.4, | 167.4, | 0.0); |
| ( 420470.3, | 3764345.9, | 167.4, | 167.4, | 0.0); | ( 420490.3, | 3764345.9, | 167.1, | 167.1, | 0.0); |
| ( 420510.3, | 3764345.9, | 166.6, | 186.2, | 0.0); | ( 420530.3, | 3764345.9, | 166.6, | 186.1, | 0.0); |
| ( 420550.3, | 3764345.9, | 166.3, | 186.1, | 0.0); | ( 420570.3, | 3764345.9, | 166.0, | 166.0, | 0.0); |
| ( 420430.3, | 3764365.9, | 167.4, | 186.2, | 0.0); | ( 420450.3, | 3764365.9, | 167.6, | 186.2, | 0.0); |
| ( 420470.3, | 3764365.9, | 167.7, | 186.2, | 0.0); | ( 420490.3, | 3764365.9, | 167.5, | 186.2, | 0.0); |
| ( 420510.3, | 3764365.9, | 167.0, | 186.2, | 0.0); | ( 420530.3, | 3764365.9, | 166.5, | 186.2, | 0.0); |
| ( 420550.3, | 3764365.9, | 166.4, | 186.2, | 0.0); | ( 420570.3, | 3764365.9, | 166.4, | 186.2, | 0.0); |
| ( 420450.3, | 3764385.9, | 167.5, | 192.4, | 0.0); | ( 420470.3, | 3764385.9, | 167.7, | 192.4, | 0.0); |
| ( 420490.3, | 3764385.9, | 167.7, | 186.4, | 0.0); | ( 420510.3, | 3764385.9, | 167.5, | 186.2, | 0.0); |
| ( 420530.3, | 3764385.9, | 166.6, | 192.4, | 0.0); | ( 420550.3, | 3764385.9, | 166.4, | 192.1, | 0.0); |
| ( 420470.3, | 3764405.9, | 167.7, | 192.4, | 0.0); | ( 420490.3, | 3764405.9, | 167.7, | 192.4, | 0.0); |
| ( 420510.3, | 3764405.9, | 167.6, | 192.4, | 0.0); | ( 420530.3, | 3764405.9, | 167.1, | 192.4, | 0.0); |
| ( 420490.3, | 3764425.9, | 167.8, | 192.4, | 0.0); | ( 420510.3, | 3764425.9, | 167.9, | 192.4, | 0.0); |
| ( 420504.6, | 3764167.9, | 164.5, | 164.5, | 0.0); | ( 420511.1, | 3764158.0, | 164.3, | 164.3, | 0.0); |
| ( 420524.4, | 3764147.7, | 164.2, | 164.2, | 0.0); | ( 420535.2, | 3764136.0, | 164.2, | 164.2, | 0.0); |
| ( 420493.8, | 3764108.4, | 164.5, | 164.5, | 0.0); | ( 420483.0, | 3764124.4, | 164.6, | 164.6, | 0.0); |
| ( 420469.2, | 3764140.3, | 164.8, | 164.8, | 0.0); | ( 420454.2, | 3764160.6, | 164.9, | 164.9, | 0.0); |
| ( 420443.4, | 3764173.1, | 165.0, | 165.0, | 0.0); | ( 420427.8, | 3764193.4, | 165.5, | 165.5, | 0.0); |
| ( 420417.5, | 3764210.6, | 165.7, | 165.7, | 0.0); | ( 420405.9, | 3764224.4, | 166.1, | 166.1, | 0.0); |
| ( 420389.9, | 3764241.2, | 166.3, | 166.3, | 0.0); | ( 420379.1, | 3764258.9, | 166.6, | 166.6, | 0.0); |
| ( 420362.7, | 3764275.3, | 166.9, | 166.9, | 0.0); | ( 420351.1, | 3764286.9, | 167.2, | 167.2, | 0.0); |
| ( 420518.8, | 3764071.8, | 164.4, | 164.4, | 0.0); | ( 420535.0, | 3764080.9, | 164.2, | 164.2, | 0.0); |
| ( 420548.3, | 3764092.8, | 164.1, | 164.1, | 0.0); | ( 420571.5, | 3764110.4, | 164.3, | 164.3, | 0.0); |
| ( 420591.2, | 3764123.0, | 163.8, | 163.8, | 0.0); | ( 420605.9, | 3764135.7, | 164.0, | 164.0, | 0.0); |
| ( 420622.1, | 3764145.5, | 163.9, | 163.9, | 0.0); | ( 420640.3, | 3764160.2, | 163.5, | 163.5, | 0.0); |
| ( 420614.3, | 3764193.2, | 163.6, | 163.6, | 0.0); | ( 420580.6, | 3764168.0, | 164.2, | 164.2, | 0.0); |
| ( 420565.9, | 3764182.0, | 164.1, | 164.1, | 0.0); | ( 420554.0, | 3764191.1, | 164.2, | 164.2, | 0.0); |
| ( 420597.5, | 3764203.8, | 164.1, | 164.1, | 0.0); | ( 420591.9, | 3764223.4, | 164.1, | 164.1, | 0.0); |
| ( 420539.9, | 3764200.3, | 164.4, | 164.4, | 0.0); | ( 420606.6, | 3764241.0, | 164.1, | 164.1, | 0.0); |
| ( 420629.1, | 3764250.8, | 163.9, | 163.9, | 0.0); | ( 420648.7, | 3764238.9, | 164.0, | 164.0, | 0.0); |
| ( 420651.5, | 3764222.7, | 163.8, | 163.8, | 0.0); | ( 420660.7, | 3764208.0, | 163.8, | 163.8, | 0.0); |
| ( 420667.0, | 3764195.3, | 163.7, | 163.7, | 0.0); | ( 420681.7, | 3764181.3, | 163.3, | 163.3, | 0.0); |
| ( 420712.6, | 3764215.7, | 164.2, | 164.2, | 0.0); | ( 420695.1, | 3764229.8, | 164.3, | 164.3, | 0.0); |
| ( 420732.3, | 3764227.6, | 164.1, | 164.1, | 0.0); | ( 420747.0, | 3764238.2, | 163.8, | 163.8, | 0.0); |
| ( 420767.4, | 3764245.2, | 163.4, | 163.4, | 0.0); | ( 420681.0, | 3764247.3, | 164.5, | 164.5, | 0.0); |
| ( 420668.4, | 3764264.8, | 164.8, | 164.8, | 0.0); | ( 420655.1, | 3764283.1, | 165.1, | 165.1, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420641.0, | 3764297.9, | 165.4, | 165.4, | 0.0); | ( 420638.2, | 3764314.7, | 165.4, | 165.4, | 0.0); |
| ( 420629.1, | 3764330.9, | 165.6, | 165.6, | 0.0); | ( 420619.2, | 3764349.1, | 165.8, | 165.8, | 0.0); |
| ( 420605.9, | 3764381.4, | 166.5, | 186.1, | 0.0); | ( 420599.6, | 3764395.5, | 166.6, | 186.2, | 0.0); |
| ( 420572.9, | 3764397.6, | 166.9, | 192.1, | 0.0); | ( 420563.8, | 3764415.8, | 167.2, | 192.4, | 0.0); |
| ( 420537.8, | 3764434.8, | 168.6, | 192.4, | 0.0); | ( 420556.8, | 3764436.2, | 168.8, | 192.4, | 0.0); |
| ( 420575.7, | 3764441.1, | 169.3, | 192.4, | 0.0); | ( 420589.8, | 3764450.9, | 169.3, | 192.4, | 0.0); |
| ( 420638.2, | 3764481.8, | 168.7, | 192.4, | 0.0); | ( 420641.0, | 3764463.6, | 168.1, | 192.1, | 0.0); |
| ( 420648.7, | 3764446.0, | 167.6, | 186.1, | 0.0); | ( 420653.0, | 3764423.5, | 166.9, | 186.1, | 0.0); |
| ( 420653.0, | 3764410.9, | 166.5, | 186.1, | 0.0); | ( 420650.8, | 3764387.0, | 166.0, | 166.0, | 0.0); |
| ( 420295.4, | 3764152.9, | 166.6, | 166.6, | 0.0); | ( 420331.9, | 3764188.0, | 166.3, | 166.3, | 0.0); |
| ( 420353.6, | 3764208.4, | 166.7, | 166.7, | 0.0); | ( 420339.6, | 3764226.6, | 166.8, | 166.8, | 0.0); |
| ( 420327.7, | 3764237.9, | 167.1, | 167.1, | 0.0); | ( 420317.8, | 3764252.6, | 167.1, | 167.1, | 0.0); |
| ( 420300.3, | 3764231.5, | 167.3, | 167.3, | 0.0); | ( 420285.5, | 3764216.8, | 167.3, | 167.3, | 0.0); |
| ( 420271.5, | 3764206.3, | 167.6, | 167.6, | 0.0); | ( 420260.2, | 3764195.0, | 167.6, | 167.6, | 0.0); |
| ( 420283.4, | 3764171.2, | 166.6, | 166.6, | 0.0); | ( 420268.6, | 3763810.4, | 162.8, | 162.8, | 0.0); |
| ( 420470.3, | 3764165.9, | 165.0, | 165.0, | 0.0); | ( 420470.3, | 3764185.9, | 165.1, | 165.1, | 0.0); |
| ( 420490.3, | 3764185.9, | 164.9, | 164.9, | 0.0); | ( 420450.3, | 3764205.9, | 165.4, | 165.4, | 0.0); |
| ( 420470.3, | 3764205.9, | 165.3, | 165.3, | 0.0); | ( 420490.3, | 3764205.9, | 165.1, | 165.1, | 0.0); |
| ( 420510.3, | 3764205.9, | 164.9, | 164.9, | 0.0); | ( 420530.3, | 3764205.9, | 164.5, | 164.5, | 0.0); |
| ( 420430.3, | 3764225.9, | 165.8, | 165.8, | 0.0); | ( 420450.3, | 3764225.9, | 165.7, | 165.7, | 0.0); |
| ( 420470.3, | 3764225.9, | 165.5, | 165.5, | 0.0); | ( 420490.3, | 3764225.9, | 165.3, | 165.3, | 0.0); |
| ( 420510.3, | 3764225.9, | 165.2, | 165.2, | 0.0); | ( 420530.3, | 3764225.9, | 164.9, | 164.9, | 0.0); |
| ( 420550.3, | 3764225.9, | 164.8, | 164.8, | 0.0); | ( 420410.3, | 3764245.9, | 166.3, | 166.3, | 0.0); |
| ( 420430.3, | 3764245.9, | 166.0, | 166.0, | 0.0); | ( 420450.3, | 3764245.9, | 165.9, | 165.9, | 0.0); |
| ( 420470.3, | 3764245.9, | 165.7, | 165.7, | 0.0); | ( 420490.3, | 3764245.9, | 165.6, | 165.6, | 0.0); |
| ( 420510.3, | 3764245.9, | 165.4, | 165.4, | 0.0); | ( 420530.3, | 3764245.9, | 165.1, | 165.1, | 0.0); |
| ( 420550.3, | 3764245.9, | 165.0, | 165.0, | 0.0); | ( 420570.3, | 3764245.9, | 164.8, | 164.8, | 0.0); |
| ( 420410.3, | 3764265.9, | 166.4, | 166.4, | 0.0); | ( 420430.3, | 3764265.9, | 166.2, | 166.2, | 0.0); |
| ( 420450.3, | 3764265.9, | 166.1, | 166.1, | 0.0); | ( 420470.3, | 3764265.9, | 166.0, | 166.0, | 0.0); |
| ( 420490.3, | 3764265.9, | 165.9, | 165.9, | 0.0); | ( 420510.3, | 3764265.9, | 165.7, | 165.7, | 0.0); |
| ( 420530.3, | 3764265.9, | 165.4, | 165.4, | 0.0); | ( 420550.3, | 3764265.9, | 165.2, | 165.2, | 0.0); |
| ( 420570.3, | 3764265.9, | 165.1, | 165.1, | 0.0); | ( 420590.3, | 3764265.9, | 164.8, | 164.8, | 0.0); |
| ( 420610.3, | 3764265.9, | 164.5, | 164.5, | 0.0); | ( 420390.3, | 3764285.9, | 166.8, | 166.8, | 0.0); |
| ( 420410.3, | 3764285.9, | 166.6, | 166.6, | 0.0); | ( 420430.3, | 3764285.9, | 166.4, | 166.4, | 0.0); |
| ( 420450.3, | 3764285.9, | 166.3, | 166.3, | 0.0); | ( 420470.3, | 3764285.9, | 166.4, | 166.4, | 0.0); |
| ( 420162.2, | 3763821.0, | 163.2, | 168.8, | 6.1); | ( 420180.6, | 3763830.0, | 163.6, | 163.6, | 6.1); |
| ( 420200.6, | 3763830.0, | 163.7, | 163.7, | 6.1); | ( 420200.6, | 3763850.0, | 163.6, | 163.6, | 6.1); |
| ( 420220.6, | 3763850.0, | 163.7, | 163.7, | 6.1); | ( 420240.6, | 3763850.0, | 163.6, | 163.6, | 6.1); |
| ( 420160.6, | 3763870.0, | 163.9, | 163.9, | 6.1); | ( 420180.6, | 3763870.0, | 163.8, | 163.8, | 6.1); |
| ( 420220.6, | 3763870.0, | 163.8, | 163.8, | 6.1); | ( 420240.6, | 3763870.0, | 164.0, | 164.0, | 6.1); |
| ( 420260.6, | 3763870.0, | 163.8, | 163.8, | 6.1); | ( 420160.6, | 3763890.0, | 164.1, | 164.1, | 6.1); |
| ( 420200.6, | 3763890.0, | 163.9, | 163.9, | 6.1); | ( 420260.6, | 3763890.0, | 163.9, | 163.9, | 6.1); |
| ( 420280.6, | 3763890.0, | 164.2, | 164.2, | 6.1); | ( 420140.6, | 3763910.0, | 163.9, | 163.9, | 6.1); |
| ( 420200.6, | 3763910.0, | 164.4, | 164.4, | 6.1); | ( 420220.6, | 3763910.0, | 164.0, | 164.0, | 6.1); |
| ( 420280.6, | 3763910.0, | 164.0, | 164.0, | 6.1); | ( 420300.6, | 3763910.0, | 164.2, | 164.2, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420160.6, | 3763930.0, | 164.5, | 164.5, | 6.1); | ( 420180.6, | 3763930.0, | 164.8, | 164.8, | 6.1); |
| ( 420220.6, | 3763930.0, | 164.4, | 164.4, | 6.1); | ( 420240.6, | 3763930.0, | 164.4, | 164.4, | 6.1); |
| ( 420260.6, | 3763930.0, | 164.0, | 164.0, | 6.1); | ( 420320.6, | 3763930.0, | 164.4, | 164.4, | 6.1); |
| ( 420340.6, | 3763930.0, | 164.5, | 164.5, | 6.1); | ( 420120.6, | 3763950.0, | 164.7, | 164.7, | 6.1); |
| ( 420140.6, | 3763950.0, | 164.8, | 164.8, | 6.1); | ( 420200.6, | 3763950.0, | 164.8, | 164.8, | 6.1); |
| ( 420220.6, | 3763950.0, | 164.9, | 164.9, | 6.1); | ( 420260.6, | 3763950.0, | 164.5, | 164.5, | 6.1); |
| ( 420280.6, | 3763950.0, | 164.3, | 164.3, | 6.1); | ( 420340.6, | 3763950.0, | 164.4, | 164.4, | 6.1); |
| ( 420360.6, | 3763950.0, | 164.4, | 164.4, | 6.1); | ( 420120.6, | 3763970.0, | 165.0, | 165.0, | 6.1); |
| ( 420140.6, | 3763970.0, | 165.2, | 165.2, | 6.1); | ( 420160.6, | 3763970.0, | 164.8, | 164.8, | 6.1); |
| ( 420240.6, | 3763970.0, | 165.0, | 165.0, | 6.1); | ( 420300.6, | 3763970.0, | 164.4, | 164.4, | 6.1); |
| ( 420340.6, | 3763970.0, | 164.5, | 164.5, | 6.1); | ( 420360.6, | 3763970.0, | 164.4, | 164.4, | 6.1); |
| ( 420100.6, | 3763990.0, | 164.8, | 164.8, | 6.1); | ( 420120.6, | 3763990.0, | 165.1, | 165.1, | 6.1); |
| ( 420160.6, | 3763990.0, | 165.2, | 165.2, | 6.1); | ( 420180.6, | 3763990.0, | 164.8, | 164.8, | 6.1); |
| ( 420240.6, | 3763990.0, | 165.0, | 165.0, | 6.1); | ( 420260.6, | 3763990.0, | 165.2, | 165.2, | 6.1); |
| ( 420280.6, | 3763990.0, | 165.0, | 165.0, | 6.1); | ( 420340.6, | 3763990.0, | 164.5, | 164.5, | 6.1); |
| ( 420120.6, | 3764010.0, | 165.2, | 165.2, | 6.1); | ( 420140.6, | 3764010.0, | 165.3, | 165.3, | 6.1); |
| ( 420160.6, | 3764010.0, | 164.9, | 164.9, | 6.1); | ( 420200.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420220.6, | 3764010.0, | 165.0, | 165.0, | 6.1); | ( 420280.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420320.6, | 3764010.0, | 164.7, | 164.7, | 6.1); | ( 420400.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420420.6, | 3764010.0, | 164.8, | 164.8, | 6.1); | ( 420440.6, | 3764010.0, | 164.8, | 164.8, | 6.1); |
| ( 420180.6, | 3764030.0, | 165.1, | 165.1, | 6.1); | ( 420200.6, | 3764030.0, | 165.3, | 165.3, | 6.1); |
| ( 420240.6, | 3764030.0, | 165.0, | 165.0, | 6.1); | ( 420300.6, | 3764030.0, | 164.7, | 164.7, | 6.1); |
| ( 420320.6, | 3764030.0, | 164.8, | 164.8, | 6.1); | ( 420400.6, | 3764030.0, | 165.0, | 165.0, | 6.1); |
| ( 420440.6, | 3764030.0, | 164.8, | 164.8, | 6.1); | ( 420460.6, | 3764030.0, | 164.6, | 164.6, | 6.1); |
| ( 420180.6, | 3764050.0, | 165.6, | 165.6, | 6.1); | ( 420200.6, | 3764050.0, | 165.7, | 165.7, | 6.1); |
| ( 420240.6, | 3764050.0, | 165.4, | 165.4, | 6.1); | ( 420280.6, | 3764050.0, | 165.0, | 165.0, | 6.1); |
| ( 420380.6, | 3764050.0, | 165.2, | 165.2, | 6.1); | ( 420480.6, | 3764050.0, | 164.5, | 164.5, | 6.1); |
| ( 420200.6, | 3764070.0, | 165.8, | 165.8, | 6.1); | ( 420220.6, | 3764070.0, | 165.5, | 165.5, | 6.1); |
| ( 420260.6, | 3764070.0, | 165.2, | 165.2, | 6.1); | ( 420280.6, | 3764070.0, | 165.4, | 165.4, | 6.1); |
| ( 420360.6, | 3764070.0, | 165.2, | 165.2, | 6.1); | ( 420420.6, | 3764070.0, | 165.0, | 165.0, | 6.1); |
| ( 420440.6, | 3764070.0, | 164.9, | 164.9, | 6.1); | ( 420260.6, | 3764090.0, | 165.6, | 165.6, | 6.1); |
| ( 420340.6, | 3764090.0, | 165.4, | 165.4, | 6.1); | ( 420400.6, | 3764090.0, | 165.0, | 165.0, | 6.1); |
| ( 420420.6, | 3764090.0, | 165.1, | 165.1, | 6.1); | ( 420440.6, | 3764090.0, | 165.0, | 165.0, | 6.1); |
| ( 420460.6, | 3764090.0, | 164.6, | 164.6, | 6.1); | ( 420260.6, | 3764110.0, | 166.1, | 166.1, | 6.1); |
| ( 420340.6, | 3764110.0, | 165.6, | 165.6, | 6.1); | ( 420400.6, | 3764110.0, | 165.3, | 165.3, | 6.1); |
| ( 420420.6, | 3764110.0, | 165.2, | 165.2, | 6.1); | ( 420440.6, | 3764110.0, | 164.9, | 164.9, | 6.1); |
| ( 420320.6, | 3764130.0, | 166.1, | 166.1, | 6.1); | ( 420380.6, | 3764130.0, | 165.5, | 165.5, | 6.1); |
| ( 420400.6, | 3764130.0, | 165.4, | 165.4, | 6.1); | ( 420420.6, | 3764130.0, | 165.1, | 165.1, | 6.1); |
| ( 420360.6, | 3764150.0, | 165.7, | 165.7, | 6.1); | ( 420400.6, | 3764150.0, | 165.5, | 165.5, | 6.1); |
| ( 420340.6, | 3764170.0, | 166.1, | 166.1, | 6.1); | ( 420380.6, | 3764170.0, | 165.9, | 165.9, | 6.1); |
| ( 420400.6, | 3764170.0, | 165.6, | 165.6, | 6.1); | ( 420380.6, | 3764190.0, | 166.0, | 166.0, | 6.1); |
| ( 420714.6, | 3764272.4, | 163.7, | 163.7, | 6.1); | ( 420734.6, | 3764284.4, | 163.8, | 163.8, | 6.1); |
| ( 420754.6, | 3764284.4, | 163.6, | 163.6, | 6.1); | ( 420280.6, | 3763433.1, | 159.1, | 189.6, | 6.1); |
| ( 420260.6, | 3763453.1, | 159.4, | 189.6, | 6.1); | ( 420260.6, | 3763473.1, | 159.8, | 189.6, | 6.1); |
| ( 420233.6, | 3763487.8, | 160.2, | 189.6, | 6.1); | ( 420253.6, | 3763507.8, | 160.3, | 188.8, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420200.6, | 3763533.1, | 160.7, | 189.6, | 6.1); | ( 420223.5, | 3763541.3, | 160.7, | 188.8, | 6.1); |
| ( 420240.6, | 3763533.1, | 160.6, | 181.8, | 6.1); | ( 420179.2, | 3763563.8, | 161.3, | 196.5, | 6.1); |
| ( 420200.6, | 3763573.1, | 161.5, | 161.5, | 6.1); | ( 420234.6, | 3763578.6, | 160.9, | 160.9, | 6.1); |
| ( 420200.6, | 3763593.1, | 161.6, | 161.6, | 6.1); | ( 420160.6, | 3763613.1, | 161.5, | 196.5, | 6.1); |
| ( 420138.2, | 3763640.2, | 161.9, | 196.8, | 6.1); | ( 420200.6, | 3763613.1, | 161.4, | 161.4, | 6.1); |
| ( 420180.6, | 3763633.1, | 161.8, | 194.6, | 6.1); | ( 420172.2, | 3763656.0, | 162.1, | 194.6, | 6.1); |
| ( 420160.6, | 3763673.1, | 162.0, | 196.5, | 6.1); | ( 420160.6, | 3763693.1, | 162.0, | 196.5, | 6.1); |
| ( 420092.8, | 3763719.3, | 162.5, | 196.8, | 6.1); | ( 420140.6, | 3763713.1, | 162.1, | 196.8, | 6.1); |
| ( 420120.6, | 3763733.1, | 162.2, | 196.8, | 6.1); | ( 420804.9, | 3764263.3, | 163.5, | 195.8, | 6.1); |
| ( 420820.9, | 3764270.7, | 163.5, | 196.8, | 6.1); | ( 420839.9, | 3764276.5, | 163.5, | 196.8, | 6.1); |
| ( 420860.7, | 3764279.5, | 163.7, | 196.8, | 6.1); | ( 420880.7, | 3764279.5, | 163.9, | 197.1, | 6.1); |
| ( 420892.7, | 3764288.8, | 164.4, | 197.1, | 6.1); | ( 420900.7, | 3764299.5, | 164.2, | 197.1, | 6.1); |
| ( 420920.7, | 3764299.5, | 164.0, | 197.3, | 6.1); | ( 420980.7, | 3764299.5, | 163.7, | 197.3, | 6.1); |
| ( 420740.7, | 3764319.5, | 163.9, | 195.8, | 6.1); | ( 420780.7, | 3764319.5, | 163.8, | 196.8, | 6.1); |
| ( 420800.7, | 3764319.5, | 164.0, | 197.1, | 6.1); | ( 420820.7, | 3764319.5, | 164.0, | 197.1, | 6.1); |
| ( 420840.7, | 3764319.5, | 164.1, | 197.1, | 6.1); | ( 420940.7, | 3764319.5, | 164.5, | 197.3, | 6.1); |
| ( 420980.7, | 3764319.5, | 164.5, | 197.3, | 6.1); | ( 421003.3, | 3764310.5, | 164.5, | 197.3, | 6.1); |
| ( 421023.3, | 3764310.5, | 165.5, | 197.3, | 6.1); | ( 421043.3, | 3764310.5, | 165.6, | 197.1, | 6.1); |
| ( 421063.3, | 3764310.5, | 165.8, | 197.1, | 6.1); | ( 421083.3, | 3764310.5, | 166.0, | 197.1, | 6.1); |
| ( 421103.3, | 3764310.5, | 166.1, | 196.8, | 6.1); | ( 421123.3, | 3764310.5, | 166.1, | 196.8, | 6.1); |
| ( 421143.3, | 3764310.5, | 166.2, | 196.2, | 6.1); | ( 421163.3, | 3764310.5, | 166.2, | 196.2, | 6.1); |
| ( 421183.3, | 3764310.5, | 166.3, | 196.2, | 6.1); | ( 421203.3, | 3764310.5, | 166.3, | 195.4, | 6.1); |
| ( 421223.3, | 3764310.5, | 166.1, | 193.0, | 6.1); | ( 421243.3, | 3764310.5, | 166.0, | 192.2, | 6.1); |
| ( 421263.3, | 3764310.5, | 166.0, | 166.0, | 6.1); | ( 421283.3, | 3764310.5, | 165.9, | 165.9, | 6.1); |
| ( 421303.3, | 3764310.5, | 165.8, | 165.8, | 6.1); | ( 420760.7, | 3764339.5, | 163.9, | 197.1, | 6.1); |
| ( 420860.7, | 3764339.5, | 164.2, | 197.3, | 6.1); | ( 420880.7, | 3764339.5, | 164.2, | 197.3, | 6.1); |
| ( 420920.7, | 3764339.5, | 164.4, | 197.3, | 6.1); | ( 420980.7, | 3764339.5, | 165.4, | 197.3, | 6.1); |
| ( 420700.4, | 3764305.4, | 164.7, | 164.7, | 6.1); | ( 420780.7, | 3764359.5, | 164.3, | 197.3, | 6.1); |
| ( 420800.7, | 3764359.5, | 164.4, | 197.3, | 6.1); | ( 420823.9, | 3764366.2, | 164.6, | 197.3, | 6.1); |
| ( 420920.7, | 3764359.5, | 165.5, | 197.3, | 6.1); | ( 420980.7, | 3764359.5, | 166.8, | 197.3, | 6.1); |
| ( 421011.0, | 3764363.2, | 166.3, | 197.3, | 6.1); | ( 421031.0, | 3764363.2, | 166.2, | 197.3, | 6.1); |
| ( 421051.0, | 3764363.2, | 166.4, | 197.3, | 6.1); | ( 421071.0, | 3764363.2, | 166.5, | 197.3, | 6.1); |
| ( 421091.0, | 3764363.2, | 166.7, | 197.3, | 6.1); | ( 421111.0, | 3764363.2, | 166.8, | 197.3, | 6.1); |
| ( 421131.0, | 3764363.2, | 167.1, | 197.3, | 6.1); | ( 421151.0, | 3764363.2, | 167.3, | 197.2, | 6.1); |
| ( 421171.0, | 3764363.2, | 166.9, | 196.8, | 6.1); | ( 421191.0, | 3764368.8, | 167.1, | 196.8, | 6.1); |
| ( 421210.2, | 3764368.4, | 166.9, | 196.8, | 6.1); | ( 421230.2, | 3764368.4, | 166.6, | 196.2, | 6.1); |
| ( 421250.2, | 3764368.4, | 166.5, | 195.8, | 6.1); | ( 421270.2, | 3764368.4, | 166.4, | 193.0, | 6.1); |
| ( 421290.2, | 3764368.4, | 166.3, | 192.2, | 6.1); | ( 421310.2, | 3764368.4, | 166.1, | 184.2, | 6.1); |
| ( 420843.6, | 3764371.6, | 164.9, | 197.3, | 6.1); | ( 420860.7, | 3764379.5, | 165.3, | 197.3, | 6.1); |
| ( 420880.7, | 3764379.5, | 166.1, | 197.3, | 6.1); | ( 420898.4, | 3764385.3, | 166.9, | 197.3, | 6.1); |
| ( 420980.7, | 3764379.5, | 168.6, | 197.3, | 6.1); | ( 420760.7, | 3764399.5, | 164.6, | 197.3, | 6.1); |
| ( 420780.7, | 3764399.5, | 164.7, | 197.3, | 6.1); | ( 420920.7, | 3764399.5, | 167.7, | 197.3, | 6.1); |
| ( 420940.7, | 3764399.5, | 167.4, | 197.3, | 6.1); | ( 420980.7, | 3764399.5, | 170.5, | 197.3, | 6.1); |
| ( 420746.3, | 3764412.5, | 164.9, | 197.3, | 6.1); | ( 420780.7, | 3764419.5, | 165.4, | 197.3, | 6.1); |
| ( 420820.7, | 3764419.5, | 164.7, | 197.3, | 6.1); | ( 420840.7, | 3764419.5, | 165.0, | 197.3, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420940.7, | 3764419.5, | 168.9, | 197.3, | 6.1); | ( 420980.7, | 3764419.5, | 172.2, | 197.3, | 6.1); |
| ( 421013.1, | 3764405.8, | 172.9, | 197.3, | 6.1); | ( 421033.1, | 3764405.8, | 173.7, | 197.3, | 6.1); |
| ( 421053.1, | 3764405.8, | 174.0, | 197.3, | 6.1); | ( 421073.1, | 3764405.8, | 174.3, | 197.2, | 6.1); |
| ( 421093.1, | 3764405.8, | 174.6, | 196.8, | 6.1); | ( 421113.1, | 3764405.8, | 175.0, | 196.8, | 6.1); |
| ( 421133.1, | 3764405.8, | 175.5, | 196.2, | 6.1); | ( 421160.7, | 3764419.5, | 177.5, | 194.0, | 6.1); |
| ( 421180.7, | 3764419.5, | 177.1, | 192.2, | 6.1); | ( 421220.7, | 3764419.5, | 169.6, | 196.8, | 6.1); |
| ( 421233.3, | 3764408.3, | 168.2, | 196.8, | 6.1); | ( 421253.3, | 3764408.3, | 168.1, | 195.8, | 6.1); |
| ( 421273.3, | 3764408.3, | 167.5, | 195.8, | 6.1); | ( 421293.3, | 3764408.3, | 167.2, | 194.3, | 6.1); |
| ( 420746.3, | 3764432.5, | 165.5, | 197.3, | 6.1); | ( 420780.7, | 3764439.5, | 165.7, | 197.3, | 6.1); |
| ( 420820.7, | 3764439.5, | 165.1, | 197.3, | 6.1); | ( 420860.7, | 3764439.5, | 166.3, | 197.3, | 6.1); |
| ( 420880.7, | 3764439.5, | 166.9, | 197.3, | 6.1); | ( 420940.7, | 3764439.5, | 169.5, | 197.3, | 6.1); |
| ( 420980.7, | 3764439.5, | 173.4, | 197.3, | 6.1); | ( 420994.2, | 3764453.0, | 174.4, | 197.3, | 6.1); |
| ( 421014.2, | 3764453.0, | 175.0, | 197.3, | 6.1); | ( 421034.2, | 3764453.0, | 175.6, | 197.3, | 6.1); |
| ( 421054.2, | 3764453.0, | 176.0, | 197.3, | 6.1); | ( 421074.2, | 3764453.0, | 176.3, | 197.3, | 6.1); |
| ( 421094.2, | 3764453.0, | 176.5, | 197.3, | 6.1); | ( 421114.2, | 3764453.0, | 176.9, | 197.2, | 6.1); |
| ( 421134.2, | 3764453.0, | 177.6, | 196.8, | 6.1); | ( 421180.7, | 3764439.5, | 178.6, | 192.2, | 6.1); |
| ( 421220.7, | 3764439.5, | 170.6, | 196.8, | 6.1); | ( 420737.0, | 3764453.0, | 165.9, | 197.3, | 6.1); |
| ( 420780.7, | 3764459.5, | 165.9, | 197.3, | 6.1); | ( 420820.7, | 3764459.5, | 165.9, | 197.3, | 6.1); |
| ( 420920.7, | 3764459.5, | 171.1, | 197.3, | 6.1); | ( 421134.2, | 3764473.0, | 179.9, | 196.8, | 6.1); |
| ( 421180.7, | 3764459.5, | 180.1, | 192.2, | 6.1); | ( 421200.7, | 3764459.5, | 180.3, | 182.3, | 6.1); |
| ( 421233.3, | 3764448.3, | 170.5, | 196.8, | 6.1); | ( 421252.3, | 3764459.0, | 168.7, | 196.8, | 6.1); |
| ( 421293.3, | 3764448.3, | 167.1, | 195.8, | 6.1); | ( 420737.0, | 3764473.0, | 166.2, | 197.3, | 6.1); |
| ( 420820.7, | 3764479.5, | 166.8, | 197.3, | 6.1); | ( 420871.8, | 3764475.0, | 172.9, | 197.3, | 6.1); |
| ( 420920.7, | 3764479.5, | 173.4, | 197.3, | 6.1); | ( 421180.7, | 3764479.5, | 181.6, | 191.0, | 6.1); |
| ( 421200.7, | 3764479.5, | 182.6, | 182.6, | 6.1); | ( 421260.7, | 3764479.5, | 169.6, | 196.8, | 6.1); |
| ( 421280.7, | 3764479.5, | 167.6, | 196.8, | 6.1); | ( 420737.0, | 3764493.0, | 166.6, | 197.3, | 6.1); |
| ( 420767.7, | 3764492.5, | 167.0, | 197.3, | 6.1); | ( 420820.7, | 3764499.5, | 167.8, | 197.3, | 6.1); |
| ( 420871.8, | 3764495.0, | 174.9, | 197.3, | 6.1); | ( 420920.7, | 3764499.5, | 174.7, | 197.3, | 6.1); |
| ( 421114.2, | 3764513.0, | 188.9, | 191.0, | 6.1); | ( 421134.2, | 3764513.0, | 187.3, | 187.3, | 6.1); |
| ( 421200.7, | 3764499.5, | 183.9, | 183.9, | 6.1); | ( 421280.7, | 3764499.5, | 167.7, | 197.2, | 6.1); |
| ( 420730.5, | 3764507.7, | 166.7, | 197.3, | 6.1); | ( 420767.7, | 3764512.5, | 167.8, | 197.3, | 6.1); |
| ( 420820.7, | 3764519.5, | 169.1, | 197.3, | 6.1); | ( 420871.8, | 3764515.0, | 176.6, | 197.3, | 6.1); |
| ( 420920.7, | 3764519.5, | 177.5, | 197.3, | 6.1); | ( 421000.3, | 3764522.3, | 194.2, | 196.2, | 6.1); |
| ( 421020.3, | 3764522.3, | 194.7, | 194.7, | 6.1); | ( 421040.3, | 3764522.3, | 193.9, | 193.9, | 6.1); |
| ( 421060.3, | 3764522.3, | 192.8, | 192.8, | 6.1); | ( 421080.3, | 3764522.3, | 191.5, | 191.5, | 6.1); |
| ( 421200.7, | 3764519.5, | 184.5, | 184.5, | 6.1); | ( 421280.7, | 3764519.5, | 167.8, | 197.2, | 6.1); |
| ( 420730.5, | 3764527.7, | 167.0, | 197.3, | 6.1); | ( 420767.7, | 3764532.5, | 168.6, | 197.3, | 6.1); |
| ( 420820.7, | 3764539.5, | 170.7, | 197.3, | 6.1); | ( 420860.7, | 3764539.5, | 177.8, | 197.3, | 6.1); |
| ( 420920.7, | 3764539.5, | 180.2, | 197.3, | 6.1); | ( 420980.7, | 3764539.5, | 196.1, | 196.1, | 6.1); |
| ( 421160.7, | 3764539.5, | 186.2, | 186.2, | 6.1); | ( 421180.7, | 3764539.5, | 185.1, | 185.1, | 6.1); |
| ( 421280.7, | 3764539.5, | 167.9, | 197.2, | 6.1); | ( 420860.7, | 3764559.5, | 179.7, | 197.3, | 6.1); |
| ( 420909.1, | 3764562.6, | 180.8, | 197.3, | 6.1); | ( 420980.7, | 3764559.5, | 196.4, | 196.4, | 6.1); |
| ( 421040.7, | 3764559.5, | 195.5, | 195.5, | 6.1); | ( 421080.7, | 3764559.5, | 191.8, | 195.8, | 6.1); |
| ( 421100.7, | 3764559.5, | 190.8, | 190.8, | 6.1); | ( 421120.7, | 3764559.5, | 189.6, | 194.3, | 6.1); |
| ( 421140.7, | 3764559.5, | 188.5, | 194.3, | 6.1); | ( 421160.7, | 3764559.5, | 187.2, | 187.2, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)(METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420960.7, | 3764579.5, | 194.9, | 197.1, | 6.1); | ( 421020.7, | 3764579.5, | 196.1, | 196.1, | 6.1); |
| ( 420680.8, | 3764330.6, | 165.4, | 165.4, | 6.1); | ( 420720.8, | 3764330.6, | 164.6, | 164.6, | 6.1); |
| ( 420660.8, | 3764350.6, | 165.6, | 165.6, | 6.1); | ( 420692.0, | 3764426.0, | 165.4, | 196.8, | 6.1); |
| ( 420720.8, | 3764350.6, | 164.2, | 195.8, | 6.1); | ( 420660.8, | 3764370.6, | 166.0, | 166.0, | 6.1); |
| ( 420700.8, | 3764370.6, | 165.3, | 165.3, | 6.1); | ( 420700.8, | 3764390.6, | 165.4, | 195.8, | 6.1); |
| ( 420700.8, | 3764410.6, | 165.2, | 196.8, | 6.1); | ( 420680.8, | 3764450.6, | 166.3, | 186.1, | 6.1); |
| ( 420680.8, | 3764470.6, | 166.8, | 190.6, | 6.1); | ( 420680.8, | 3764490.6, | 167.2, | 192.1, | 6.1); |
| ( 420101.1, | 3763674.8, | 161.8, | 196.8, | 6.1); | ( 420083.5, | 3763665.6, | 161.8, | 196.8, | 6.1); |
| ( 420070.9, | 3763688.2, | 161.9, | 196.8, | 6.1); | ( 420083.0, | 3763697.5, | 162.1, | 196.8, | 6.1); |
| ( 420043.6, | 3763644.2, | 162.0, | 196.8, | 6.1); | ( 420057.5, | 3763625.3, | 161.9, | 196.8, | 6.1); |
| ( 420067.1, | 3763611.9, | 162.0, | 196.8, | 6.1); | ( 420079.7, | 3763600.6, | 161.9, | 196.8, | 6.1); |
| ( 420101.5, | 3763588.4, | 161.6, | 196.8, | 6.1); | ( 420107.8, | 3763573.3, | 161.7, | 196.8, | 6.1); |
| ( 420119.5, | 3763558.7, | 161.5, | 196.8, | 6.1); | ( 420130.0, | 3763541.1, | 161.6, | 196.8, | 6.1); |
| ( 420141.8, | 3763528.9, | 161.5, | 196.8, | 6.1); | ( 420177.1, | 3763505.1, | 160.8, | 196.5, | 6.1); |
| ( 420182.5, | 3763490.5, | 161.0, | 194.4, | 6.1); | ( 420189.8, | 3763470.2, | 160.4, | 189.6, | 6.1); |
| ( 420205.2, | 3763456.3, | 160.0, | 189.6, | 6.1); | ( 420211.9, | 3763443.9, | 159.9, | 189.6, | 6.1); |
| ( 420221.3, | 3763427.5, | 159.5, | 189.6, | 6.1); | ( 420233.1, | 3763414.8, | 159.1, | 189.6, | 6.1); |
| ( 420187.1, | 3763375.1, | 164.9, | 189.6, | 6.1); | ( 420174.0, | 3763398.7, | 167.5, | 189.6, | 6.1); |
| ( 420159.8, | 3763419.9, | 170.3, | 189.6, | 6.1); | ( 420144.6, | 3763435.7, | 170.8, | 189.6, | 6.1); |
| ( 420157.4, | 3763449.3, | 168.2, | 189.6, | 6.1); | ( 420203.2, | 3763366.3, | 161.8, | 189.6, | 6.1); |
| ( 420212.3, | 3763349.4, | 160.4, | 189.6, | 6.1); | ( 420110.8, | 3763789.6, | 168.7, | 168.7, | 6.1); |
| ( 420095.8, | 3763777.3, | 168.6, | 168.6, | 6.1); | ( 420082.8, | 3763760.9, | 167.1, | 168.6, | 6.1); |
| ( 420069.1, | 3763754.1, | 167.7, | 195.4, | 6.1); | ( 420054.1, | 3763743.1, | 168.4, | 196.8, | 6.1); |
| ( 420101.9, | 3763822.3, | 168.0, | 168.0, | 6.1); | ( 420083.5, | 3763829.8, | 168.6, | 168.6, | 6.1); |
| ( 420062.3, | 3763818.2, | 168.5, | 168.5, | 6.1); | ( 420054.1, | 3763806.6, | 168.5, | 168.5, | 6.1); |
| ( 420037.0, | 3763795.7, | 168.4, | 195.9, | 6.1); | ( 420087.9, | 3763866.4, | 167.8, | 167.8, | 6.1); |
| ( 420067.0, | 3763858.5, | 168.1, | 168.1, | 6.1); | ( 420049.4, | 3763847.6, | 168.0, | 168.0, | 6.1); |
| ( 420032.6, | 3763850.9, | 167.7, | 195.6, | 6.1); | ( 420490.3, | 3764285.9, | 166.2, | 166.2, | 6.1); |
| ( 420510.3, | 3764285.9, | 166.0, | 166.0, | 6.1); | ( 420530.3, | 3764285.9, | 165.7, | 165.7, | 6.1); |
| ( 420550.3, | 3764285.9, | 165.5, | 165.5, | 6.1); | ( 420570.3, | 3764285.9, | 165.3, | 165.3, | 6.1); |
| ( 420590.3, | 3764285.9, | 165.2, | 165.2, | 6.1); | ( 420610.3, | 3764285.9, | 165.2, | 165.2, | 6.1); |
| ( 420390.3, | 3764305.9, | 167.1, | 167.1, | 6.1); | ( 420410.3, | 3764305.9, | 166.9, | 166.9, | 6.1); |
| ( 420430.3, | 3764305.9, | 166.6, | 166.6, | 6.1); | ( 420450.3, | 3764305.9, | 166.6, | 166.6, | 6.1); |
| ( 420470.3, | 3764305.9, | 166.6, | 166.6, | 6.1); | ( 420490.3, | 3764305.9, | 166.5, | 166.5, | 6.1); |
| ( 420510.3, | 3764305.9, | 166.3, | 166.3, | 6.1); | ( 420530.3, | 3764305.9, | 166.2, | 166.2, | 6.1); |
| ( 420550.3, | 3764305.9, | 165.8, | 165.8, | 6.1); | ( 420570.3, | 3764305.9, | 165.5, | 165.5, | 6.1); |
| ( 420590.3, | 3764305.9, | 165.5, | 165.5, | 6.1); | ( 420610.3, | 3764305.9, | 165.6, | 165.6, | 6.1); |
| ( 420390.3, | 3764325.9, | 167.4, | 167.4, | 6.1); | ( 420410.3, | 3764325.9, | 167.3, | 167.3, | 6.1); |
| ( 420430.3, | 3764325.9, | 166.9, | 166.9, | 6.1); | ( 420450.3, | 3764325.9, | 166.9, | 166.9, | 6.1); |
| ( 420470.3, | 3764325.9, | 166.8, | 166.8, | 6.1); | ( 420490.3, | 3764325.9, | 166.7, | 166.7, | 6.1); |
| ( 420510.3, | 3764325.9, | 166.6, | 166.6, | 6.1); | ( 420530.3, | 3764325.9, | 166.5, | 166.5, | 6.1); |
| ( 420550.3, | 3764325.9, | 166.1, | 166.1, | 6.1); | ( 420570.3, | 3764325.9, | 165.8, | 165.8, | 6.1); |
| ( 420590.3, | 3764325.9, | 165.7, | 165.7, | 6.1); | ( 420410.3, | 3764345.9, | 167.2, | 167.2, | 6.1); |
| ( 420430.3, | 3764345.9, | 167.2, | 167.2, | 6.1); | ( 420450.3, | 3764345.9, | 167.4, | 167.4, | 6.1); |
| ( 420470.3, | 3764345.9, | 167.4, | 167.4, | 6.1); | ( 420490.3, | 3764345.9, | 167.1, | 167.1, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420510.3, | 3764345.9, | 166.6, | 186.2, | 6.1); | ( 420530.3, | 3764345.9, | 166.6, | 186.1, | 6.1); |
| ( 420550.3, | 3764345.9, | 166.3, | 186.1, | 6.1); | ( 420570.3, | 3764345.9, | 166.0, | 166.0, | 6.1); |
| ( 420430.3, | 3764365.9, | 167.4, | 186.2, | 6.1); | ( 420450.3, | 3764365.9, | 167.6, | 186.2, | 6.1); |
| ( 420470.3, | 3764365.9, | 167.7, | 186.2, | 6.1); | ( 420490.3, | 3764365.9, | 167.5, | 186.2, | 6.1); |
| ( 420510.3, | 3764365.9, | 167.0, | 186.2, | 6.1); | ( 420530.3, | 3764365.9, | 166.5, | 186.2, | 6.1); |
| ( 420550.3, | 3764365.9, | 166.4, | 186.2, | 6.1); | ( 420570.3, | 3764365.9, | 166.4, | 186.2, | 6.1); |
| ( 420450.3, | 3764385.9, | 167.5, | 192.4, | 6.1); | ( 420470.3, | 3764385.9, | 167.7, | 192.4, | 6.1); |
| ( 420490.3, | 3764385.9, | 167.7, | 186.4, | 6.1); | ( 420510.3, | 3764385.9, | 167.5, | 186.2, | 6.1); |
| ( 420530.3, | 3764385.9, | 166.6, | 192.4, | 6.1); | ( 420550.3, | 3764385.9, | 166.4, | 192.1, | 6.1); |
| ( 420470.3, | 3764405.9, | 167.7, | 192.4, | 6.1); | ( 420490.3, | 3764405.9, | 167.7, | 192.4, | 6.1); |
| ( 420510.3, | 3764405.9, | 167.6, | 192.4, | 6.1); | ( 420530.3, | 3764405.9, | 167.1, | 192.4, | 6.1); |
| ( 420490.3, | 3764425.9, | 167.8, | 192.4, | 6.1); | ( 420510.3, | 3764425.9, | 167.9, | 192.4, | 6.1); |
| ( 420504.6, | 3764167.9, | 164.5, | 164.5, | 6.1); | ( 420511.1, | 3764158.0, | 164.3, | 164.3, | 6.1); |
| ( 420524.4, | 3764147.7, | 164.2, | 164.2, | 6.1); | ( 420535.2, | 3764136.0, | 164.2, | 164.2, | 6.1); |
| ( 420493.8, | 3764108.4, | 164.5, | 164.5, | 6.1); | ( 420483.0, | 3764124.4, | 164.6, | 164.6, | 6.1); |
| ( 420469.2, | 3764140.3, | 164.8, | 164.8, | 6.1); | ( 420454.2, | 3764160.6, | 164.9, | 164.9, | 6.1); |
| ( 420443.4, | 3764173.1, | 165.0, | 165.0, | 6.1); | ( 420427.8, | 3764193.4, | 165.5, | 165.5, | 6.1); |
| ( 420417.5, | 3764210.6, | 165.7, | 165.7, | 6.1); | ( 420405.9, | 3764224.4, | 166.1, | 166.1, | 6.1); |
| ( 420389.9, | 3764241.2, | 166.3, | 166.3, | 6.1); | ( 420379.1, | 3764258.9, | 166.6, | 166.6, | 6.1); |
| ( 420362.7, | 3764275.3, | 166.9, | 166.9, | 6.1); | ( 420351.1, | 3764286.9, | 167.2, | 167.2, | 6.1); |
| ( 420518.8, | 3764071.8, | 164.4, | 164.4, | 6.1); | ( 420535.0, | 3764080.9, | 164.2, | 164.2, | 6.1); |
| ( 420548.3, | 3764092.8, | 164.1, | 164.1, | 6.1); | ( 420571.5, | 3764110.4, | 164.3, | 164.3, | 6.1); |
| ( 420591.2, | 3764123.0, | 163.8, | 163.8, | 6.1); | ( 420605.9, | 3764135.7, | 164.0, | 164.0, | 6.1); |
| ( 420622.1, | 3764145.5, | 163.9, | 163.9, | 6.1); | ( 420640.3, | 3764160.2, | 163.5, | 163.5, | 6.1); |
| ( 420614.3, | 3764193.2, | 163.6, | 163.6, | 6.1); | ( 420580.6, | 3764168.0, | 164.2, | 164.2, | 6.1); |
| ( 420565.9, | 3764182.0, | 164.1, | 164.1, | 6.1); | ( 420554.0, | 3764191.1, | 164.2, | 164.2, | 6.1); |
| ( 420597.5, | 3764203.8, | 164.1, | 164.1, | 6.1); | ( 420591.9, | 3764223.4, | 164.1, | 164.1, | 6.1); |
| ( 420539.9, | 3764200.3, | 164.4, | 164.4, | 6.1); | ( 420606.6, | 3764241.0, | 164.1, | 164.1, | 6.1); |
| ( 420629.1, | 3764250.8, | 163.9, | 163.9, | 6.1); | ( 420648.7, | 3764238.9, | 164.0, | 164.0, | 6.1); |
| ( 420651.5, | 3764222.7, | 163.8, | 163.8, | 6.1); | ( 420660.7, | 3764208.0, | 163.8, | 163.8, | 6.1); |
| ( 420667.0, | 3764195.3, | 163.7, | 163.7, | 6.1); | ( 420681.7, | 3764181.3, | 163.3, | 163.3, | 6.1); |
| ( 420712.6, | 3764215.7, | 164.2, | 164.2, | 6.1); | ( 420695.1, | 3764229.8, | 164.3, | 164.3, | 6.1); |
| ( 420732.3, | 3764227.6, | 164.1, | 164.1, | 6.1); | ( 420747.0, | 3764238.2, | 163.8, | 163.8, | 6.1); |
| ( 420767.4, | 3764245.2, | 163.4, | 163.4, | 6.1); | ( 420681.0, | 3764247.3, | 164.5, | 164.5, | 6.1); |
| ( 420668.4, | 3764264.8, | 164.8, | 164.8, | 6.1); | ( 420655.1, | 3764283.1, | 165.1, | 165.1, | 6.1); |
| ( 420641.0, | 3764297.9, | 165.4, | 165.4, | 6.1); | ( 420638.2, | 3764314.7, | 165.4, | 165.4, | 6.1); |
| ( 420629.1, | 3764330.9, | 165.6, | 165.6, | 6.1); | ( 420619.2, | 3764349.1, | 165.8, | 165.8, | 6.1); |
| ( 420605.9, | 3764381.4, | 166.5, | 186.1, | 6.1); | ( 420599.6, | 3764395.5, | 166.6, | 186.2, | 6.1); |
| ( 420572.9, | 3764397.6, | 166.9, | 192.1, | 6.1); | ( 420563.8, | 3764415.8, | 167.2, | 192.4, | 6.1); |
| ( 420537.8, | 3764434.8, | 168.6, | 192.4, | 6.1); | ( 420556.8, | 3764436.2, | 168.8, | 192.4, | 6.1); |
| ( 420575.7, | 3764441.1, | 169.3, | 192.4, | 6.1); | ( 420589.8, | 3764450.9, | 169.3, | 192.4, | 6.1); |
| ( 420638.2, | 3764481.8, | 168.7, | 192.4, | 6.1); | ( 420641.0, | 3764463.6, | 168.1, | 192.1, | 6.1); |
| ( 420648.7, | 3764446.0, | 167.6, | 186.1, | 6.1); | ( 420653.0, | 3764423.5, | 166.9, | 186.1, | 6.1); |
| ( 420653.0, | 3764410.9, | 166.5, | 186.1, | 6.1); | ( 420650.8, | 3764387.0, | 166.0, | 166.0, | 6.1); |
| ( 420295.4, | 3764152.9, | 166.6, | 166.6, | 6.1); | ( 420331.9, | 3764188.0, | 166.3, | 166.3, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ( 420353.6, 3764208.4, | 166.7, | 166.7, | 6.1); | ( 420339.6, 3764226.6, | 166.8, | 166.8, | 6.1); |
| ( 420327.7, 3764237.9, | 167.1, | 167.1, | 6.1); | ( 420317.8, 3764252.6, | 167.1, | 167.1, | 6.1); |
| ( 420300.3, 3764231.5, | 167.3, | 167.3, | 6.1); | ( 420285.5, 3764216.8, | 167.3, | 167.3, | 6.1); |
| ( 420271.5, 3764206.3, | 167.6, | 167.6, | 6.1); | ( 420260.2, 3764195.0, | 167.6, | 167.6, | 6.1); |
| ( 420283.4, 3764171.2, | 166.6, | 166.6, | 6.1); | ( 420972.4, 3763271.7, | 160.3, | 160.3, | 0.0); |
| ( 420913.8, 3763329.3, | 160.1, | 160.1, | 0.0); | ( 420955.9, 3763316.1, | 160.3, | 160.3, | 0.0); |
| ( 421011.8, 3763312.8, | 160.8, | 160.8, | 0.0); | ( 420869.0, 3763382.7, | 159.7, | 159.7, | 0.0); |
| ( 420913.8, 3763379.3, | 160.4, | 160.4, | 0.0); | ( 420955.9, 3763366.1, | 160.3, | 160.3, | 0.0); |
| ( 421011.8, 3763362.8, | 160.3, | 160.3, | 0.0); | ( 420906.6, 3763419.8, | 160.3, | 160.3, | 0.0); |
| ( 420955.9, 3763416.1, | 160.2, | 160.2, | 0.0); | ( 421011.8, 3763412.8, | 160.5, | 160.5, | 0.0); |
| ( 421009.8, 3763454.3, | 160.6, | 160.6, | 0.0); | ( 420679.7, 3764117.1, | 162.8, | 162.8, | 0.0); |
| ( 420692.1, 3764098.2, | 162.5, | 162.5, | 0.0); | ( 420703.1, 3764099.1, | 162.4, | 162.4, | 0.0); |
| ( 420702.6, 3764144.0, | 162.8, | 162.8, | 0.0); | | | | |

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

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

| SOURCE ID | - - RECEPTOR LOCATION - - XR (METERS) | YR (METERS) | DISTANCE (METERS) |
|---|---|---|---|
| L0000356 | 420869.0 | 3763382.7 | -9.66 |
| L0000357 | 420869.0 | 3763382.7 | 0.98 |
| L0000359 | 420913.8 | 3763329.3 | -6.25 |

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

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 182 m- AZUS_V9_ADJU\AZUS_v9.SFC Met Version: 16216
Profile file: 182 m- AZUS_V9_ADJU\AZUS_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

| YR | MO | DY | JDY | HR | H0 | U* | W* | DT/DZ | ZICNV | ZIMCH | M-O LEN | Z0 | BOWEN | ALBEDO | REF WS | WD | HT | REF TA | HT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 01 | 01 | 1 | 01 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 20. | 9.1 | 293.1 | 5.5 |
| 12 | 01 | 01 | 1 | 02 | -32.6 | 0.342 | -9.000 | -9.000 | -999. | 481. | 128.9 | 0.36 | 1.68 | 1.00 | 2.70 | 99. | 9.1 | 293.1 | 5.5 |
| 12 | 01 | 01 | 1 | 03 | -26.4 | 0.277 | -9.000 | -9.000 | -999. | 351. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 14. | 9.1 | 292.0 | 5.5 |
| 12 | 01 | 01 | 1 | 04 | -32.6 | 0.342 | -9.000 | -9.000 | -999. | 480. | 128.9 | 0.36 | 1.68 | 1.00 | 2.70 | 10. | 9.1 | 292.5 | 5.5 |
| 12 | 01 | 01 | 1 | 05 | -26.4 | 0.277 | -9.000 | -9.000 | -999. | 351. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 12. | 9.1 | 292.5 | 5.5 |
| 12 | 01 | 01 | 1 | 06 | -21.6 | 0.224 | -9.000 | -9.000 | -999. | 256. | 55.2 | 0.36 | 1.68 | 1.00 | 1.80 | 118. | 9.1 | 289.2 | 5.5 |
| 12 | 01 | 01 | 1 | 07 | -26.6 | 0.277 | -9.000 | -9.000 | -999. | 349. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 64. | 9.1 | 290.9 | 5.5 |
| 12 | 01 | 01 | 1 | 08 | -1.3 | 0.062 | -9.000 | -9.000 | -999. | 124. | 16.5 | 0.36 | 1.68 | 0.55 | 0.40 | 36. | 9.1 | 290.9 | 5.5 |
| 12 | 01 | 01 | 1 | 09 | 38.1 | 0.160 | 0.348 | 0.008 | 39. | 153. | -9.5 | 0.36 | 1.68 | 0.32 | 0.90 | 124. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 10 | 99.5 | 0.179 | 0.693 | 0.007 | 119. | 181. | -5.1 | 0.36 | 1.68 | 0.25 | 0.90 | 21. | 9.1 | 298.1 | 5.5 |
| 12 | 01 | 01 | 1 | 11 | 142.6 | 0.494 | 1.086 | 0.005 | 321. | 832. | -75.2 | 0.36 | 1.68 | 0.22 | 3.60 | 141. | 9.1 | 299.9 | 5.5 |
| 12 | 01 | 01 | 1 | 12 | 162.8 | 0.442 | 1.385 | 0.005 | 582. | 709. | -47.3 | 0.36 | 1.68 | 0.21 | 3.10 | 122. | 9.1 | 299.9 | 5.5 |
| 12 | 01 | 01 | 1 | 13 | 164.4 | 0.298 | 1.634 | 0.005 | 946. | 405. | -14.3 | 0.36 | 1.68 | 0.21 | 1.80 | 114. | 9.1 | 300.9 | 5.5 |
| 12 | 01 | 01 | 1 | 14 | 142.7 | 0.293 | 1.718 | 0.005 | 1265. | 382. | -15.8 | 0.36 | 1.68 | 0.22 | 1.80 | 93. | 9.1 | 302.5 | 5.5 |
| 12 | 01 | 01 | 1 | 15 | 96.7 | 0.283 | 1.575 | 0.005 | 1438. | 361. | -20.7 | 0.36 | 1.68 | 0.26 | 1.80 | 110. | 9.1 | 303.8 | 5.5 |
| 12 | 01 | 01 | 1 | 16 | 41.5 | 0.207 | 1.201 | 0.005 | 1485. | 228. | -18.9 | 0.36 | 1.68 | 0.35 | 1.30 | 113. | 9.1 | 304.2 | 5.5 |
| 12 | 01 | 01 | 1 | 17 | -37.8 | 0.464 | -9.000 | -9.000 | -999. | 757. | 236.3 | 0.36 | 1.68 | 0.62 | 3.60 | 251. | 9.1 | 300.9 | 5.5 |
| 12 | 01 | 01 | 1 | 18 | -26.1 | 0.277 | -9.000 | -9.000 | -999. | 379. | 84.2 | 0.36 | 1.68 | 1.00 | 2.20 | 8. | 9.1 | 296.4 | 5.5 |
| 12 | 01 | 01 | 1 | 19 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.36 | 1.68 | 1.00 | 999.00 | 999. | -9.0 | 295.9 | 5.5 |
| 12 | 01 | 01 | 1 | 20 | -5.7 | 0.107 | -9.000 | -9.000 | -999. | 84. | 19.3 | 0.36 | 1.68 | 1.00 | 0.90 | 35. | 9.1 | 295.4 | 5.5 |
| 12 | 01 | 01 | 1 | 21 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 213. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 22 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 52. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 23 | -26.3 | 0.277 | -9.000 | -9.000 | -999. | 349. | 84.2 | 0.36 | 1.68 | 1.00 | 2.20 | 58. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 24 | -21.4 | 0.224 | -9.000 | -9.000 | -999. | 256. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 83. | 9.1 | 292.5 | 5.5 |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 01 | 01 | 01 | 5.5 | 0 | -999. | -99.00 | 293.2 | 99.0 | -99.00 | -99.00 |
| 12 | 01 | 01 | 01 | 9.1 | 1 | 20. | 1.80 | -999.0 | 99.0 | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 0.09317 | 420180.57 | 3763830.04 | 0.09831 |
| 420200.57 | 3763830.04 | 0.10507 | 420200.57 | 3763850.04 | 0.10400 |
| 420220.57 | 3763850.04 | 0.11140 | 420240.57 | 3763850.04 | 0.11986 |
| 420160.57 | 3763870.04 | 0.09029 | 420180.57 | 3763870.04 | 0.09614 |
| 420220.57 | 3763870.04 | 0.10982 | 420240.57 | 3763870.04 | 0.11787 |
| 420260.57 | 3763870.04 | 0.12711 | 420160.57 | 3763890.04 | 0.08905 |
| 420200.57 | 3763890.04 | 0.10103 | 420260.57 | 3763890.04 | 0.12465 |
| 420280.57 | 3763890.04 | 0.13441 | 420140.57 | 3763910.04 | 0.08283 |
| 420200.57 | 3763910.04 | 0.09913 | 420220.57 | 3763910.04 | 0.10601 |
| 420280.57 | 3763910.04 | 0.13136 | 420300.57 | 3763910.04 | 0.14193 |
| 420160.57 | 3763930.04 | 0.08616 | 420180.57 | 3763930.04 | 0.09132 |
| 420220.57 | 3763930.04 | 0.10367 | 420240.57 | 3763930.04 | 0.11084 |
| 420260.57 | 3763930.04 | 0.11901 | 420320.57 | 3763930.04 | 0.14921 |
| 420340.57 | 3763930.04 | 0.16210 | 420120.57 | 3763950.04 | 0.07577 |
| 420140.57 | 3763950.04 | 0.07993 | 420200.57 | 3763950.04 | 0.09510 |
| 420220.57 | 3763950.04 | 0.10118 | 420260.57 | 3763950.04 | 0.11568 |
| 420280.57 | 3763950.04 | 0.12425 | 420340.57 | 3763950.04 | 0.15632 |
| 420360.57 | 3763950.04 | 0.17000 | 420120.57 | 3763970.04 | 0.07439 |
| 420140.57 | 3763970.04 | 0.07837 | 420160.57 | 3763970.04 | 0.08286 |
| 420240.57 | 3763970.04 | 0.10510 | 420300.57 | 3763970.04 | 0.12930 |
| 420340.57 | 3763970.04 | 0.15031 | 420360.57 | 3763970.04 | 0.16292 |
| 420100.57 | 3763990.04 | 0.06949 | 420120.57 | 3763990.04 | 0.07298 |
| 420160.57 | 3763990.04 | 0.08100 | 420180.57 | 3763990.04 | 0.08569 |
| 420240.57 | 3763990.04 | 0.10221 | 420260.57 | 3763990.04 | 0.10880 |
| 420280.57 | 3763990.04 | 0.11629 | 420340.57 | 3763990.04 | 0.14424 |
| 420120.57 | 3764010.04 | 0.07151 | 420140.57 | 3764010.04 | 0.07515 |
| 420160.57 | 3764010.04 | 0.07924 | 420200.57 | 3764010.04 | 0.08837 |
| 420220.57 | 3764010.04 | 0.09354 | 420280.57 | 3764010.04 | 0.11244 |
| 420320.57 | 3764010.04 | 0.12865 | 420400.57 | 3764010.04 | 0.17323 |
| 420420.57 | 3764010.04 | 0.18797 | 420440.57 | 3764010.04 | 0.20457 |
| 420180.57 | 3764030.04 | 0.08145 | 420200.57 | 3764030.04 | 0.08587 |
| 420240.57 | 3764030.04 | 0.09622 | 420300.57 | 3764030.04 | 0.11572 |
| 420320.57 | 3764030.04 | 0.12346 | 420400.57 | 3764030.04 | 0.16390 |
| 420440.57 | 3764030.04 | 0.19195 | 420460.57 | 3764030.04 | 0.20873 |
| 420180.57 | 3764050.04 | 0.07917 | 420200.57 | 3764050.04 | 0.08336 |
| 420240.57 | 3764050.04 | 0.09303 | 420280.57 | 3764050.04 | 0.10460 |
| 420380.57 | 3764050.04 | 0.14429 | 420480.57 | 3764050.04 | 0.21123 |

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|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 0.08093 | 420220.57 | 3764070.04 | 0.08531 |
| 420260.57 | 3764070.04 | 0.09512 | 420280.57 | 3764070.04 | 0.10057 |
| 420360.57 | 3764070.04 | 0.12833 | 420420.57 | 3764070.04 | 0.15720 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 0.16887 | 420260.57 | 3764090.04 | 0.09161 |
| 420340.57 | 3764090.04 | 0.11487 | 420400.57 | 3764090.04 | 0.13866 |
| 420420.57 | 3764090.04 | 0.14800 | 420440.57 | 3764090.04 | 0.15844 |
| 420460.57 | 3764090.04 | 0.17020 | 420260.57 | 3764110.04 | 0.08813 |
| 420340.57 | 3764110.04 | 0.10955 | 420400.57 | 3764110.04 | 0.13095 |
| 420420.57 | 3764110.04 | 0.13947 | 420440.57 | 3764110.04 | 0.14887 |
| 420320.57 | 3764130.04 | 0.09889 | 420380.57 | 3764130.04 | 0.11685 |
| 420400.57 | 3764130.04 | 0.12381 | 420420.57 | 3764130.04 | 0.13154 |
| 420360.57 | 3764150.04 | 0.10502 | 420400.57 | 3764150.04 | 0.11711 |
| 420340.57 | 3764170.04 | 0.09497 | 420380.57 | 3764170.04 | 0.10509 |
| 420400.57 | 3764170.04 | 0.11083 | 420380.57 | 3764190.04 | 0.09974 |
| 420714.65 | 3764272.44 | 0.16807 | 420734.65 | 3764284.40 | 0.16575 |
| 420754.65 | 3764284.40 | 0.17294 | 420280.59 | 3763433.11 | 0.11181 |
| 420260.59 | 3763453.11 | 0.10844 | 420260.59 | 3763473.11 | 0.11129 |
| 420233.62 | 3763487.75 | 0.10421 | 420253.62 | 3763507.75 | 0.11348 |
| 420200.59 | 3763533.11 | 0.09827 | 420223.55 | 3763541.34 | 0.10642 |
| 420240.59 | 3763533.11 | 0.11167 | 420179.16 | 3763563.83 | 0.09411 |
| 420200.59 | 3763573.11 | 0.10130 | 420234.64 | 3763578.58 | 0.11396 |
| 420200.59 | 3763593.11 | 0.10266 | 420160.59 | 3763613.11 | 0.09142 |
| 420138.25 | 3763640.23 | 0.08631 | 420200.59 | 3763613.11 | 0.10389 |
| 420180.59 | 3763633.11 | 0.09817 | 420172.25 | 3763655.96 | 0.09638 |
| 420160.59 | 3763673.11 | 0.09338 | 420160.59 | 3763693.11 | 0.09385 |
| 420092.84 | 3763719.31 | 0.07692 | 420140.59 | 3763713.11 | 0.08843 |
| 420120.59 | 3763733.11 | 0.08341 | 420804.93 | 3764263.30 | 0.21395 |
| 420820.93 | 3764270.66 | 0.21223 | 420839.88 | 3764276.55 | 0.21304 |
| 420860.72 | 3764279.50 | 0.21727 | 420880.72 | 3764279.50 | 0.22479 |
| 420892.72 | 3764288.76 | 0.21615 | 420900.72 | 3764299.50 | 0.20647 |
| 420920.72 | 3764299.50 | 0.21301 | 420980.72 | 3764299.50 | 0.23122 |
| 420740.72 | 3764319.50 | 0.14298 | 420780.72 | 3764319.50 | 0.15363 |
| 420800.72 | 3764319.50 | 0.15871 | 420820.72 | 3764319.50 | 0.16405 |
| 420840.72 | 3764319.50 | 0.16940 | 420940.72 | 3764319.50 | 0.19489 |
| 420980.72 | 3764319.50 | 0.20428 | 421003.29 | 3764310.49 | 0.22028 |
| 421023.29 | 3764310.49 | 0.22249 | 421043.29 | 3764310.49 | 0.22614 |
| 421063.29 | 3764310.49 | 0.22918 | 421083.29 | 3764310.49 | 0.23178 |
| 421103.29 | 3764310.49 | 0.23414 | 421123.29 | 3764310.49 | 0.23594 |
| 421143.29 | 3764310.49 | 0.23698 | 421163.29 | 3764310.49 | 0.23731 |
| 421183.29 | 3764310.49 | 0.23693 | 421203.29 | 3764310.49 | 0.23598 |

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|---|---|---|---|---|---|
| 421223.29 | 3764310.49 | 0.23466 | 421243.29 | 3764310.49 | 0.23243 |
| 421263.29 | 3764310.49 | 0.22964 | 421283.29 | 3764310.49 | 0.22640 |
| 421303.29 | 3764310.49 | 0.22289 | 420760.72 | 3764339.50 | 0.13580 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 0.15828 | 420880.72 | 3764339.50 | 0.16268 |
| 420920.72 | 3764339.50 | 0.17117 | 420980.72 | 3764339.50 | 0.18178 |
| 420700.42 | 3764305.37 | 0.14000 | 420780.72 | 3764359.50 | 0.12834 |
| 420800.72 | 3764359.50 | 0.13212 | 420823.92 | 3764366.20 | 0.13258 |
| 420920.72 | 3764359.50 | 0.15374 | 420980.72 | 3764359.50 | 0.16202 |
| 421010.96 | 3764363.22 | 0.16429 | 421030.96 | 3764363.22 | 0.16726 |
| 421050.96 | 3764363.22 | 0.16971 | 421070.96 | 3764363.22 | 0.17197 |
| 421090.96 | 3764363.22 | 0.17395 | 421110.96 | 3764363.22 | 0.17568 |
| 421130.96 | 3764363.22 | 0.17697 | 421150.96 | 3764363.22 | 0.17797 |
| 421170.96 | 3764363.22 | 0.17952 | 421190.96 | 3764368.75 | 0.17505 |
| 421210.17 | 3764368.36 | 0.17594 | 421230.17 | 3764368.36 | 0.17624 |
| 421250.17 | 3764368.36 | 0.17593 | 421270.17 | 3764368.36 | 0.17516 |
| 421290.17 | 3764368.36 | 0.17413 | 421310.17 | 3764368.36 | 0.17285 |
| 420843.63 | 3764371.64 | 0.13265 | 420860.72 | 3764379.50 | 0.13064 |
| 420880.72 | 3764379.50 | 0.13241 | 420898.39 | 3764385.33 | 0.13104 |
| 420980.72 | 3764379.50 | 0.14511 | 420760.72 | 3764399.50 | 0.10614 |
| 420780.72 | 3764399.50 | 0.10904 | 420920.72 | 3764399.50 | 0.12567 |
| 420940.72 | 3764399.50 | 0.12854 | 420980.72 | 3764399.50 | 0.13077 |
| 420746.30 | 3764412.53 | 0.09903 | 420780.72 | 3764419.50 | 0.10071 |
| 420820.72 | 3764419.50 | 0.10623 | 420840.72 | 3764419.50 | 0.10851 |
| 420940.72 | 3764419.50 | 0.11691 | 420980.72 | 3764419.50 | 0.11879 |
| 421013.06 | 3764405.83 | 0.12887 | 421033.06 | 3764405.83 | 0.13025 |
| 421053.06 | 3764405.83 | 0.13193 | 421073.06 | 3764405.83 | 0.13352 |
| 421093.06 | 3764405.83 | 0.13495 | 421113.06 | 3764405.83 | 0.13622 |
| 421133.06 | 3764405.83 | 0.13724 | 421160.72 | 3764419.50 | 0.12950 |
| 421180.72 | 3764419.50 | 0.13070 | 421220.72 | 3764419.50 | 0.13762 |
| 421233.28 | 3764408.34 | 0.14577 | 421253.28 | 3764408.34 | 0.14606 |
| 421273.28 | 3764408.34 | 0.14648 | 421293.28 | 3764408.34 | 0.14633 |
| 420746.30 | 3764432.53 | 0.09197 | 420780.72 | 3764439.50 | 0.09355 |
| 420820.72 | 3764439.50 | 0.09833 | 420860.72 | 3764439.50 | 0.10131 |
| 420880.72 | 3764439.50 | 0.10307 | 420940.72 | 3764439.50 | 0.10740 |
| 420980.72 | 3764439.50 | 0.10873 | 420994.21 | 3764452.98 | 0.10365 |
| 421014.21 | 3764452.98 | 0.10489 | 421034.21 | 3764452.98 | 0.10605 |
| 421054.21 | 3764452.98 | 0.10722 | 421074.21 | 3764452.98 | 0.10841 |
| 421094.21 | 3764452.98 | 0.10957 | 421114.21 | 3764452.98 | 0.11055 |
| 421134.21 | 3764452.98 | 0.11128 | 421180.72 | 3764439.50 | 0.11937 |
| 421220.72 | 3764439.50 | 0.12588 | 420737.00 | 3764452.99 | 0.08468 |

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|---|---|---|---|---|---|
| 420780.72 | 3764459.50 | 0.08723 | 420820.72 | 3764459.50 | 0.09112 |
| 420920.72 | 3764459.50 | 0.09684 | 421134.21 | 3764472.98 | 0.10183 |
| 421180.72 | 3764459.50 | 0.10942 | 421200.72 | 3764459.50 | 0.11011 |

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

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INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 0.12179 | 421252.35 | 3764459.04 | 0.11836 |
| 421293.28 | 3764448.34 | 0.12488 | 420737.00 | 3764472.99 | 0.07848 |
| 420820.72 | 3764479.50 | 0.08401 | 420871.79 | 3764475.04 | 0.08673 |
| 420920.72 | 3764479.50 | 0.08903 | 421180.72 | 3764479.50 | 0.10068 |
| 421200.72 | 3764479.50 | 0.10101 | 421260.72 | 3764479.50 | 0.10901 |
| 421280.72 | 3764479.50 | 0.11055 | 420737.00 | 3764492.99 | 0.07361 |
| 420767.69 | 3764492.53 | 0.07609 | 420820.72 | 3764499.50 | 0.07825 |
| 420871.79 | 3764495.04 | 0.08032 | 420920.72 | 3764499.50 | 0.08260 |
| 421114.21 | 3764512.98 | 0.08405 | 421134.21 | 3764512.98 | 0.08541 |
| 421200.72 | 3764499.50 | 0.09337 | 421280.72 | 3764499.50 | 0.10271 |
| 420730.48 | 3764507.70 | 0.06992 | 420767.69 | 3764512.53 | 0.07126 |
| 420820.72 | 3764519.50 | 0.07296 | 420871.79 | 3764515.04 | 0.07475 |
| 420920.72 | 3764519.50 | 0.07643 | 421000.26 | 3764522.29 | 0.07500 |
| 421020.26 | 3764522.29 | 0.07578 | 421040.26 | 3764522.29 | 0.07689 |
| 421060.26 | 3764522.29 | 0.07806 | 421080.26 | 3764522.29 | 0.07927 |
| 421200.72 | 3764519.50 | 0.08682 | 421280.72 | 3764519.50 | 0.09563 |
| 420730.48 | 3764527.70 | 0.06594 | 420767.69 | 3764532.53 | 0.06690 |
| 420820.72 | 3764539.50 | 0.06819 | 420860.72 | 3764539.50 | 0.06843 |
| 420920.72 | 3764539.50 | 0.07102 | 420980.72 | 3764539.50 | 0.06978 |
| 421160.72 | 3764539.50 | 0.07938 | 421180.72 | 3764539.50 | 0.08036 |
| 421280.72 | 3764539.50 | 0.08925 | 420860.72 | 3764559.50 | 0.06412 |
| 420909.07 | 3764562.58 | 0.06561 | 420980.72 | 3764559.50 | 0.06567 |
| 421040.72 | 3764559.50 | 0.06808 | 421080.72 | 3764559.50 | 0.07035 |
| 421100.72 | 3764559.50 | 0.07127 | 421120.72 | 3764559.50 | 0.07223 |
| 421140.72 | 3764559.50 | 0.07318 | 421160.72 | 3764559.50 | 0.07414 |
| 420960.72 | 3764579.50 | 0.06161 | 421020.72 | 3764579.50 | 0.06342 |
| 420680.84 | 3764330.64 | 0.12126 | 420720.84 | 3764330.64 | 0.13087 |
| 420660.84 | 3764350.64 | 0.10842 | 420692.00 | 3764425.97 | 0.08764 |
| 420720.84 | 3764350.64 | 0.12108 | 420660.84 | 3764370.64 | 0.10070 |
| 420700.84 | 3764370.64 | 0.10779 | 420700.84 | 3764390.64 | 0.10018 |
| 420700.84 | 3764410.64 | 0.09353 | 420680.84 | 3764450.64 | 0.07848 |
| 420680.84 | 3764470.64 | 0.07365 | 420680.84 | 3764490.64 | 0.06930 |
| 420101.08 | 3763674.83 | 0.07835 | 420083.47 | 3763665.61 | 0.07451 |
| 420070.89 | 3763688.25 | 0.07233 | 420083.05 | 3763697.47 | 0.07478 |
| 420043.64 | 3763644.22 | 0.06678 | 420057.47 | 3763625.35 | 0.06880 |
| 420067.12 | 3763611.93 | 0.07021 | 420079.70 | 3763600.61 | 0.07224 |
| 420101.50 | 3763588.45 | 0.07624 | 420107.79 | 3763573.35 | 0.07700 |

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|---|---|---|---|---|---|
| 420119.53 | 3763558.68 | 0.07893 | 420130.02 | 3763541.07 | 0.08042 |
| 420141.76 | 3763528.91 | 0.08245 | 420177.06 | 3763505.07 | 0.08954 |
| 420182.52 | 3763490.53 | 0.08985 | 420189.79 | 3763470.23 | 0.09005 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 0.09276 | 420211.91 | 3763443.87 | 0.09326 |
| 420221.30 | 3763427.51 | 0.09393 | 420233.11 | 3763414.79 | 0.09549 |
| 420187.06 | 3763375.10 | 0.08035 | 420174.04 | 3763398.73 | 0.07815 |
| 420159.80 | 3763419.94 | 0.07595 | 420144.65 | 3763435.69 | 0.07392 |
| 420157.37 | 3763449.33 | 0.07805 | 420203.21 | 3763366.33 | 0.08335 |
| 420212.30 | 3763349.37 | 0.08345 | 420110.79 | 3763789.57 | 0.07930 |
| 420095.76 | 3763777.27 | 0.07619 | 420082.79 | 3763760.88 | 0.07390 |
| 420069.13 | 3763754.06 | 0.07116 | 420054.11 | 3763743.13 | 0.06834 |
| 420101.91 | 3763822.34 | 0.07694 | 420083.47 | 3763829.85 | 0.07291 |
| 420062.30 | 3763818.25 | 0.06923 | 420054.11 | 3763806.64 | 0.06798 |
| 420037.04 | 3763795.71 | 0.06528 | 420087.94 | 3763866.45 | 0.07290 |
| 420066.97 | 3763858.48 | 0.06924 | 420049.36 | 3763847.57 | 0.06654 |
| 420032.58 | 3763850.93 | 0.06384 | 420490.31 | 3764285.91 | 0.09589 |
| 420510.31 | 3764285.91 | 0.10137 | 420530.31 | 3764285.91 | 0.10581 |
| 420550.31 | 3764285.91 | 0.11048 | 420570.31 | 3764285.91 | 0.11533 |
| 420590.31 | 3764285.91 | 0.12035 | 420610.31 | 3764285.91 | 0.12555 |
| 420390.31 | 3764305.91 | 0.07461 | 420410.31 | 3764305.91 | 0.07742 |
| 420430.31 | 3764305.91 | 0.08045 | 420450.31 | 3764305.91 | 0.08352 |
| 420470.31 | 3764305.91 | 0.08675 | 420490.31 | 3764305.91 | 0.09018 |
| 420510.31 | 3764305.91 | 0.09381 | 420530.31 | 3764305.91 | 0.09765 |
| 420550.31 | 3764305.91 | 0.10318 | 420570.31 | 3764305.91 | 0.10749 |
| 420590.31 | 3764305.91 | 0.11185 | 420610.31 | 3764305.91 | 0.11626 |
| 420390.31 | 3764325.91 | 0.07094 | 420410.31 | 3764325.91 | 0.07346 |
| 420430.31 | 3764325.91 | 0.07623 | 420450.31 | 3764325.91 | 0.07895 |
| 420470.31 | 3764325.91 | 0.08189 | 420490.31 | 3764325.91 | 0.08496 |
| 420510.31 | 3764325.91 | 0.08814 | 420530.31 | 3764325.91 | 0.09149 |
| 420550.31 | 3764325.91 | 0.09653 | 420570.31 | 3764325.91 | 0.10037 |
| 420590.31 | 3764325.91 | 0.10421 | 420410.31 | 3764345.91 | 0.06993 |
| 420430.31 | 3764345.91 | 0.07226 | 420450.31 | 3764345.91 | 0.07464 |
| 420470.31 | 3764345.91 | 0.07720 | 420490.31 | 3764345.91 | 0.08003 |
| 420510.31 | 3764345.91 | 0.08308 | 420530.31 | 3764345.91 | 0.08607 |
| 420550.31 | 3764345.91 | 0.08928 | 420570.31 | 3764345.91 | 0.09391 |
| 420430.31 | 3764365.91 | 0.06866 | 420450.31 | 3764365.91 | 0.07080 |
| 420470.31 | 3764365.91 | 0.07306 | 420490.31 | 3764365.91 | 0.07555 |
| 420510.31 | 3764365.91 | 0.07827 | 420530.31 | 3764365.91 | 0.08112 |
| 420550.31 | 3764365.91 | 0.08394 | 420570.31 | 3764365.91 | 0.08678 |
| 420450.31 | 3764385.91 | 0.06733 | 420470.31 | 3764385.91 | 0.06934 |

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|---|---|---|---|---|---|
| 420490.31 | 3764385.91 | 0.07146 | 420510.31 | 3764385.91 | 0.07381 |
| 420530.31 | 3764385.91 | 0.07657 | 420550.31 | 3764385.91 | 0.07908 |
| 420470.31 | 3764405.91 | 0.06588 | 420490.31 | 3764405.91 | 0.06782 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.06988 | 420530.31 | 3764405.91 | 0.07217 |
| 420490.31 | 3764425.91 | 0.06438 | 420510.31 | 3764425.91 | 0.06616 |
| 420504.61 | 3764167.94 | 0.14972 | 420511.08 | 3764158.02 | 0.15832 |
| 420524.44 | 3764147.67 | 0.17167 | 420535.23 | 3764136.03 | 0.18599 |
| 420493.83 | 3764108.43 | 0.17923 | 420483.05 | 3764124.38 | 0.16316 |
| 420469.25 | 3764140.34 | 0.14780 | 420454.16 | 3764160.60 | 0.13230 |
| 420443.38 | 3764173.11 | 0.12349 | 420427.85 | 3764193.38 | 0.11139 |
| 420417.51 | 3764210.62 | 0.10329 | 420405.86 | 3764224.42 | 0.09553 |
| 420389.91 | 3764241.24 | 0.08814 | 420379.13 | 3764258.92 | 0.08226 |
| 420362.74 | 3764275.31 | 0.07644 | 420351.10 | 3764286.95 | 0.07266 |
| 420518.84 | 3764071.76 | 0.22680 | 420534.99 | 3764080.89 | 0.23300 |
| 420548.34 | 3764092.83 | 0.23346 | 420571.51 | 3764110.38 | 0.23520 |
| 420591.17 | 3764123.02 | 0.23944 | 420605.91 | 3764135.66 | 0.23743 |
| 420622.06 | 3764145.49 | 0.23951 | 420640.32 | 3764160.23 | 0.23747 |
| 420614.34 | 3764193.23 | 0.18751 | 420580.63 | 3764167.96 | 0.18838 |
| 420565.89 | 3764182.00 | 0.17019 | 420553.95 | 3764191.13 | 0.15856 |
| 420597.49 | 3764203.77 | 0.17018 | 420591.87 | 3764223.43 | 0.15463 |
| 420539.91 | 3764200.26 | 0.14706 | 420606.61 | 3764240.98 | 0.14950 |
| 420629.08 | 3764250.81 | 0.15184 | 420648.74 | 3764238.87 | 0.16747 |
| 420651.55 | 3764222.73 | 0.18170 | 420660.68 | 3764207.98 | 0.19938 |
| 420667.00 | 3764195.34 | 0.21612 | 420681.74 | 3764181.30 | 0.24356 |
| 420712.64 | 3764215.70 | 0.22032 | 420695.09 | 3764229.75 | 0.19572 |
| 420732.30 | 3764227.64 | 0.21792 | 420747.05 | 3764238.17 | 0.21431 |
| 420767.41 | 3764245.19 | 0.21748 | 420681.04 | 3764247.30 | 0.17368 |
| 420668.40 | 3764264.85 | 0.15562 | 420655.06 | 3764283.11 | 0.13965 |
| 420641.02 | 3764297.86 | 0.12767 | 420638.21 | 3764314.71 | 0.11901 |
| 420629.08 | 3764330.86 | 0.11014 | 420619.25 | 3764349.11 | 0.10136 |
| 420605.91 | 3764381.41 | 0.08751 | 420599.59 | 3764395.46 | 0.08285 |
| 420572.91 | 3764397.56 | 0.07890 | 420563.78 | 3764415.82 | 0.07367 |
| 420537.80 | 3764434.78 | 0.06690 | 420556.76 | 3764436.18 | 0.06831 |
| 420575.72 | 3764441.10 | 0.06896 | 420589.76 | 3764450.93 | 0.06838 |
| 420638.21 | 3764481.82 | 0.06694 | 420641.02 | 3764463.56 | 0.07099 |
| 420648.74 | 3764446.01 | 0.07572 | 420652.96 | 3764423.54 | 0.08196 |
| 420652.96 | 3764410.90 | 0.08555 | 420650.85 | 3764387.03 | 0.09368 |
| 420295.36 | 3764152.91 | 0.08745 | 420331.87 | 3764188.02 | 0.08829 |
| 420353.64 | 3764208.38 | 0.08823 | 420339.59 | 3764226.64 | 0.08188 |
| 420327.66 | 3764237.87 | 0.07775 | 420317.83 | 3764252.62 | 0.07375 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 420300.27 | 3764231.55 | 0.07450 | 420285.53 | 3764216.81 | 0.07459 | |
| 420271.48 | 3764206.28 | 0.07396 | 420260.25 | 3764195.04 | 0.07386 | |
| 420283.42 | 3764171.17 | 0.08186 | 420268.56 | 3763810.41 | 0.13726 | Preschool |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC | |
|---|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 0.13614 | 420470.31 | 3764185.91 | 0.12751 | |
| 420490.31 | 3764185.91 | 0.13475 | 420450.31 | 3764205.91 | 0.11361 | |
| 420470.31 | 3764205.91 | 0.11955 | 420490.31 | 3764205.91 | 0.12590 | |
| 420510.31 | 3764205.91 | 0.13276 | 420530.31 | 3764205.91 | 0.14029 | Elementary |
| 420430.31 | 3764225.91 | 0.10194 | 420450.31 | 3764225.91 | 0.10688 | |
| 420470.31 | 3764225.91 | 0.11217 | 420490.31 | 3764225.91 | 0.11781 | |
| 420510.31 | 3764225.91 | 0.12383 | 420530.31 | 3764225.91 | 0.13032 | |
| 420550.31 | 3764225.91 | 0.13707 | 420410.31 | 3764245.91 | 0.09095 | |
| 420430.31 | 3764245.91 | 0.09628 | 420450.31 | 3764245.91 | 0.10070 | |
| 420470.31 | 3764245.91 | 0.10540 | 420490.31 | 3764245.91 | 0.11036 | |
| 420510.31 | 3764245.91 | 0.11566 | 420530.31 | 3764245.91 | 0.12138 | |
| 420550.31 | 3764245.91 | 0.12731 | 420570.31 | 3764245.91 | 0.13372 | |
| 420410.31 | 3764265.91 | 0.08619 | 420430.31 | 3764265.91 | 0.08986 | |
| 420450.31 | 3764265.91 | 0.09497 | 420470.31 | 3764265.91 | 0.09913 | |
| 420490.31 | 3764265.91 | 0.10352 | 420510.31 | 3764265.91 | 0.10819 | |
| 420530.31 | 3764265.91 | 0.11326 | 420550.31 | 3764265.91 | 0.11850 | |
| 420570.31 | 3764265.91 | 0.12401 | 420590.31 | 3764265.91 | 0.12989 | |
| 420610.31 | 3764265.91 | 0.13619 | 420390.31 | 3764285.91 | 0.07853 | |
| 420410.31 | 3764285.91 | 0.08167 | 420430.31 | 3764285.91 | 0.08498 | |
| 420450.31 | 3764285.91 | 0.08845 | 420470.31 | 3764285.91 | 0.09203 | |
| 420162.22 | 3763820.99 | 0.09134 | 420180.57 | 3763830.04 | 0.09631 | |
| 420200.57 | 3763830.04 | 0.10281 | 420200.57 | 3763850.04 | 0.10179 | |
| 420220.57 | 3763850.04 | 0.10888 | 420240.57 | 3763850.04 | 0.11698 | |
| 420160.57 | 3763870.04 | 0.08858 | 420180.57 | 3763870.04 | 0.09422 | |
| 420220.57 | 3763870.04 | 0.10736 | 420240.57 | 3763870.04 | 0.11506 | |
| 420260.57 | 3763870.04 | 0.12388 | 420160.57 | 3763890.04 | 0.08737 | |
| 420200.57 | 3763890.04 | 0.09889 | 420260.57 | 3763890.04 | 0.12148 | |
| 420280.57 | 3763890.04 | 0.13077 | 420140.57 | 3763910.04 | 0.08134 | |
| 420200.57 | 3763910.04 | 0.09701 | 420220.57 | 3763910.04 | 0.10361 | |
| 420280.57 | 3763910.04 | 0.12778 | 420300.57 | 3763910.04 | 0.13781 | |
| 420160.57 | 3763930.04 | 0.08449 | 420180.57 | 3763930.04 | 0.08945 | |
| 420220.57 | 3763930.04 | 0.10129 | 420240.57 | 3763930.04 | 0.10815 | |
| 420260.57 | 3763930.04 | 0.11594 | 420320.57 | 3763930.04 | 0.14454 | |
| 420340.57 | 3763930.04 | 0.15667 | 420120.57 | 3763950.04 | 0.07443 | |
| 420140.57 | 3763950.04 | 0.07844 | 420200.57 | 3763950.04 | 0.09301 | |
| 420220.57 | 3763950.04 | 0.09882 | 420260.57 | 3763950.04 | 0.11265 | |
| 420280.57 | 3763950.04 | 0.12078 | 420340.57 | 3763950.04 | 0.15104 | |

| | | | | | |
|---|---|---|---|---|---|
| 420360.57 | 3763950.04 | 0.16386 | 420120.57 | 3763970.04 | 0.07304 |
| 420140.57 | 3763970.04 | 0.07688 | 420160.57 | 3763970.04 | 0.08120 |
| 420240.57 | 3763970.04 | 0.10245 | 420300.57 | 3763970.04 | 0.12541 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 0.14517 | 420360.57 | 3763970.04 | 0.15699 |
| 420100.57 | 3763990.04 | 0.06827 | 420120.57 | 3763990.04 | 0.07163 |
| 420160.57 | 3763990.04 | 0.07934 | 420180.57 | 3763990.04 | 0.08384 |
| 420240.57 | 3763990.04 | 0.09959 | 420260.57 | 3763990.04 | 0.10584 |
| 420280.57 | 3763990.04 | 0.11294 | 420340.57 | 3763990.04 | 0.13926 |
| 420120.57 | 3764010.04 | 0.07016 | 420140.57 | 3764010.04 | 0.07365 |
| 420160.57 | 3764010.04 | 0.07758 | 420200.57 | 3764010.04 | 0.08631 |
| 420220.57 | 3764010.04 | 0.09124 | 420280.57 | 3764010.04 | 0.10915 |
| 420320.57 | 3764010.04 | 0.12442 | 420400.57 | 3764010.04 | 0.16603 |
| 420420.57 | 3764010.04 | 0.17970 | 420440.57 | 3764010.04 | 0.19505 |
| 420180.57 | 3764030.04 | 0.07960 | 420200.57 | 3764030.04 | 0.08382 |
| 420240.57 | 3764030.04 | 0.09366 | 420300.57 | 3764030.04 | 0.11209 |
| 420320.57 | 3764030.04 | 0.11935 | 420400.57 | 3764030.04 | 0.15707 |
| 420440.57 | 3764030.04 | 0.18305 | 420460.57 | 3764030.04 | 0.19854 |
| 420180.57 | 3764050.04 | 0.07733 | 420200.57 | 3764050.04 | 0.08131 |
| 420240.57 | 3764050.04 | 0.09050 | 420280.57 | 3764050.04 | 0.10144 |
| 420380.57 | 3764050.04 | 0.13858 | 420480.57 | 3764050.04 | 0.20049 |
| 420200.57 | 3764070.04 | 0.07891 | 420220.57 | 3764070.04 | 0.08307 |
| 420260.57 | 3764070.04 | 0.09235 | 420280.57 | 3764070.04 | 0.09748 |
| 420360.57 | 3764070.04 | 0.12347 | 420420.57 | 3764070.04 | 0.15029 |
| 420440.57 | 3764070.04 | 0.16110 | 420260.57 | 3764090.04 | 0.08890 |
| 420340.57 | 3764090.04 | 0.11070 | 420400.57 | 3764090.04 | 0.13284 |
| 420420.57 | 3764090.04 | 0.14150 | 420440.57 | 3764090.04 | 0.15116 |
| 420460.57 | 3764090.04 | 0.16203 | 420260.57 | 3764110.04 | 0.08547 |
| 420340.57 | 3764110.04 | 0.10554 | 420400.57 | 3764110.04 | 0.12544 |
| 420420.57 | 3764110.04 | 0.13334 | 420440.57 | 3764110.04 | 0.14204 |
| 420320.57 | 3764130.04 | 0.09540 | 420380.57 | 3764130.04 | 0.11213 |
| 420400.57 | 3764130.04 | 0.11859 | 420420.57 | 3764130.04 | 0.12576 |
| 420360.57 | 3764150.04 | 0.10094 | 420400.57 | 3764150.04 | 0.11216 |
| 420340.57 | 3764170.04 | 0.09141 | 420380.57 | 3764170.04 | 0.10081 |
| 420400.57 | 3764170.04 | 0.10615 | 420380.57 | 3764190.04 | 0.09567 |
| 420714.65 | 3764272.44 | 0.15831 | 420734.65 | 3764284.40 | 0.15620 |
| 420754.65 | 3764284.40 | 0.16284 | 420280.59 | 3763433.11 | 0.11057 |
| 420260.59 | 3763453.11 | 0.10710 | 420260.59 | 3763473.11 | 0.10973 |
| 420233.62 | 3763487.75 | 0.10114 | 420253.62 | 3763507.75 | 0.11001 |
| 420200.59 | 3763533.11 | 0.09498 | 420223.55 | 3763541.34 | 0.10280 |
| 420240.59 | 3763533.11 | 0.10791 | 420179.16 | 3763563.83 | 0.09086 |

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|---|---|---|---|---|---|
| 420200.59 | 3763573.11 | 0.09760 | 420234.64 | 3763578.58 | 0.10991 |
| 420200.59 | 3763593.11 | 0.09897 | 420160.59 | 3763613.11 | 0.08853 |
| 420138.25 | 3763640.23 | 0.08388 | 420200.59 | 3763613.11 | 0.10032 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 0.09504 | 420172.25 | 3763655.96 | 0.09354 |
| 420160.59 | 3763673.11 | 0.09083 | 420160.59 | 3763693.11 | 0.09143 |
| 420092.84 | 3763719.31 | 0.07538 | 420140.59 | 3763713.11 | 0.08638 |
| 420120.59 | 3763733.11 | 0.08167 | 420804.93 | 3764263.30 | 0.20078 |
| 420820.93 | 3764270.66 | 0.19929 | 420839.88 | 3764276.55 | 0.20014 |
| 420860.72 | 3764279.50 | 0.20427 | 420880.72 | 3764279.50 | 0.21138 |
| 420892.72 | 3764288.76 | 0.20378 | 420900.72 | 3764299.50 | 0.19482 |
| 420920.72 | 3764299.50 | 0.20095 | 420980.72 | 3764299.50 | 0.21808 |
| 420740.72 | 3764319.50 | 0.13512 | 420780.72 | 3764319.50 | 0.14510 |
| 420800.72 | 3764319.50 | 0.14994 | 420820.72 | 3764319.50 | 0.15500 |
| 420840.72 | 3764319.50 | 0.16007 | 420940.72 | 3764319.50 | 0.18454 |
| 420980.72 | 3764319.50 | 0.19358 | 421003.29 | 3764310.49 | 0.20861 |
| 421023.29 | 3764310.49 | 0.21125 | 421043.29 | 3764310.49 | 0.21488 |
| 421063.29 | 3764310.49 | 0.21798 | 421083.29 | 3764310.49 | 0.22067 |
| 421103.29 | 3764310.49 | 0.22299 | 421123.29 | 3764310.49 | 0.22488 |
| 421143.29 | 3764310.49 | 0.22610 | 421163.29 | 3764310.49 | 0.22668 |
| 421183.29 | 3764310.49 | 0.22659 | 421203.29 | 3764310.49 | 0.22595 |
| 421223.29 | 3764310.49 | 0.22497 | 421243.29 | 3764310.49 | 0.22308 |
| 421263.29 | 3764310.49 | 0.22064 | 421283.29 | 3764310.49 | 0.21776 |
| 421303.29 | 3764310.49 | 0.21457 | 420760.72 | 3764339.50 | 0.12852 |
| 420860.72 | 3764339.50 | 0.14991 | 420880.72 | 3764339.50 | 0.15414 |
| 420920.72 | 3764339.50 | 0.16235 | 420980.72 | 3764339.50 | 0.17293 |
| 420700.42 | 3764305.37 | 0.13237 | 420780.72 | 3764359.50 | 0.12171 |
| 420800.72 | 3764359.50 | 0.12533 | 420823.92 | 3764366.20 | 0.12589 |
| 420920.72 | 3764359.50 | 0.14635 | 420980.72 | 3764359.50 | 0.15501 |
| 421010.96 | 3764363.22 | 0.15711 | 421030.96 | 3764363.22 | 0.15993 |
| 421050.96 | 3764363.22 | 0.16232 | 421070.96 | 3764363.22 | 0.16455 |
| 421090.96 | 3764363.22 | 0.16652 | 421110.96 | 3764363.22 | 0.16827 |
| 421130.96 | 3764363.22 | 0.16965 | 421150.96 | 3764363.22 | 0.17076 |
| 421170.96 | 3764363.22 | 0.17224 | 421190.96 | 3764368.75 | 0.16818 |
| 421210.17 | 3764368.36 | 0.16910 | 421230.17 | 3764368.36 | 0.16945 |
| 421250.17 | 3764368.36 | 0.16928 | 421270.17 | 3764368.36 | 0.16867 |
| 421290.17 | 3764368.36 | 0.16781 | 421310.17 | 3764368.36 | 0.16671 |
| 420843.63 | 3764371.64 | 0.12610 | 420860.72 | 3764379.50 | 0.12437 |
| 420880.72 | 3764379.50 | 0.12689 | 420898.39 | 3764385.33 | 0.12576 |
| 420980.72 | 3764379.50 | 0.13943 | 420760.72 | 3764399.50 | 0.10097 |
| 420780.72 | 3764399.50 | 0.10376 | 420920.72 | 3764399.50 | 0.12083 |

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|---|---|---|---|---|---|
| 420940.72 | 3764399.50 | 0.12353 | 420980.72 | 3764399.50 | 0.12611 |
| 420746.30 | 3764412.53 | 0.09430 | 420780.72 | 3764419.50 | 0.09601 |
| 420820.72 | 3764419.50 | 0.10130 | 420840.72 | 3764419.50 | 0.10355 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 0.11273 | 420980.72 | 3764419.50 | 0.11486 |
| 421013.06 | 3764405.83 | 0.12454 | 421033.06 | 3764405.83 | 0.12595 |
| 421053.06 | 3764405.83 | 0.12760 | 421073.06 | 3764405.83 | 0.12916 |
| 421093.06 | 3764405.83 | 0.13058 | 421113.06 | 3764405.83 | 0.13185 |
| 421133.06 | 3764405.83 | 0.13290 | 421160.72 | 3764419.50 | 0.12564 |
| 421180.72 | 3764419.50 | 0.12684 | 421220.72 | 3764419.50 | 0.13303 |
| 421233.28 | 3764408.34 | 0.14071 | 421253.28 | 3764408.34 | 0.14104 |
| 421273.28 | 3764408.34 | 0.14144 | 421293.28 | 3764408.34 | 0.14135 |
| 420746.30 | 3764432.53 | 0.08771 | 420780.72 | 3764439.50 | 0.08932 |
| 420820.72 | 3764439.50 | 0.09393 | 420860.72 | 3764439.50 | 0.09755 |
| 420880.72 | 3764439.50 | 0.09931 | 420940.72 | 3764439.50 | 0.10377 |
| 420980.72 | 3764439.50 | 0.10535 | 420994.21 | 3764452.98 | 0.10056 |
| 421014.21 | 3764452.98 | 0.10178 | 421034.21 | 3764452.98 | 0.10293 |
| 421054.21 | 3764452.98 | 0.10409 | 421074.21 | 3764452.98 | 0.10525 |
| 421094.21 | 3764452.98 | 0.10639 | 421114.21 | 3764452.98 | 0.10737 |
| 421134.21 | 3764452.98 | 0.10812 | 421180.72 | 3764439.50 | 0.11600 |
| 421220.72 | 3764439.50 | 0.12190 | 420737.00 | 3764452.99 | 0.08086 |
| 420780.72 | 3764459.50 | 0.08340 | 420820.72 | 3764459.50 | 0.08720 |
| 420920.72 | 3764459.50 | 0.09383 | 421134.21 | 3764472.98 | 0.09909 |
| 421180.72 | 3764459.50 | 0.10646 | 421200.72 | 3764459.50 | 0.10717 |
| 421233.28 | 3764448.34 | 0.11801 | 421252.35 | 3764459.04 | 0.11461 |
| 421293.28 | 3764448.34 | 0.12080 | 420737.00 | 3764472.99 | 0.07581 |
| 420820.72 | 3764479.50 | 0.08117 | 420871.79 | 3764475.04 | 0.08425 |
| 420920.72 | 3764479.50 | 0.08649 | 421180.72 | 3764479.50 | 0.09807 |
| 421200.72 | 3764479.50 | 0.09844 | 421260.72 | 3764479.50 | 0.10575 |
| 421280.72 | 3764479.50 | 0.10709 | 420737.00 | 3764492.99 | 0.07121 |
| 420767.69 | 3764492.53 | 0.07362 | 420820.72 | 3764499.50 | 0.07578 |
| 420871.79 | 3764495.04 | 0.07819 | 420920.72 | 3764499.50 | 0.08038 |
| 421114.21 | 3764512.98 | 0.08207 | 421134.21 | 3764512.98 | 0.08337 |
| 421200.72 | 3764499.50 | 0.09109 | 421280.72 | 3764499.50 | 0.09959 |
| 420730.48 | 3764507.70 | 0.06771 | 420767.69 | 3764512.53 | 0.06908 |
| 420820.72 | 3764519.50 | 0.07083 | 420871.79 | 3764515.04 | 0.07289 |
| 420920.72 | 3764519.50 | 0.07454 | 421000.26 | 3764522.29 | 0.07336 |
| 421020.26 | 3764522.29 | 0.07411 | 421040.26 | 3764522.29 | 0.07518 |
| 421060.26 | 3764522.29 | 0.07629 | 421080.26 | 3764522.29 | 0.07745 |
| 421200.72 | 3764519.50 | 0.08477 | 421280.72 | 3764519.50 | 0.09281 |
| 420730.48 | 3764527.70 | 0.06393 | 420767.69 | 3764532.53 | 0.06498 |

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|---|---|---|---|---|---|
| 420820.72 | 3764539.50 | 0.06636 | 420860.72 | 3764539.50 | 0.06683 |
| 420920.72 | 3764539.50 | 0.06937 | 420980.72 | 3764539.50 | 0.06833 |
| 421160.72 | 3764539.50 | 0.07756 | 421180.72 | 3764539.50 | 0.07851 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.08670 | 420860.72 | 3764559.50 | 0.06271 |
| 420909.07 | 3764562.58 | 0.06417 | 420980.72 | 3764559.50 | 0.06435 |
| 421040.72 | 3764559.50 | 0.06667 | 421080.72 | 3764559.50 | 0.06883 |
| 421100.72 | 3764559.50 | 0.06972 | 421120.72 | 3764559.50 | 0.07065 |
| 421140.72 | 3764559.50 | 0.07157 | 421160.72 | 3764559.50 | 0.07250 |
| 420960.72 | 3764579.50 | 0.06041 | 421020.72 | 3764579.50 | 0.06216 |
| 420680.84 | 3764330.64 | 0.11491 | 420720.84 | 3764330.64 | 0.12390 |
| 420660.84 | 3764350.64 | 0.10289 | 420692.00 | 3764425.97 | 0.08351 |
| 420720.84 | 3764350.64 | 0.11474 | 420660.84 | 3764370.64 | 0.09568 |
| 420700.84 | 3764370.64 | 0.10236 | 420700.84 | 3764390.64 | 0.09526 |
| 420700.84 | 3764410.64 | 0.08903 | 420680.84 | 3764450.64 | 0.07579 |
| 420680.84 | 3764470.64 | 0.07124 | 420680.84 | 3764490.64 | 0.06713 |
| 420101.08 | 3763674.83 | 0.07651 | 420083.47 | 3763665.61 | 0.07278 |
| 420070.89 | 3763688.25 | 0.07081 | 420083.05 | 3763697.47 | 0.07321 |
| 420043.64 | 3763644.22 | 0.06530 | 420057.47 | 3763625.35 | 0.06714 |
| 420067.12 | 3763611.93 | 0.06840 | 420079.70 | 3763600.61 | 0.07027 |
| 420101.50 | 3763588.45 | 0.07399 | 420107.79 | 3763573.35 | 0.07462 |
| 420119.53 | 3763558.68 | 0.07639 | 420130.02 | 3763541.07 | 0.07770 |
| 420141.76 | 3763528.91 | 0.07960 | 420177.06 | 3763505.07 | 0.08655 |
| 420182.52 | 3763490.53 | 0.08681 | 420189.79 | 3763470.23 | 0.08730 |
| 420205.24 | 3763456.30 | 0.09021 | 420211.91 | 3763443.87 | 0.09202 |
| 420221.30 | 3763427.51 | 0.09283 | 420233.11 | 3763414.79 | 0.09449 |
| 420187.06 | 3763375.10 | 0.07770 | 420174.04 | 3763398.73 | 0.07604 |
| 420159.80 | 3763419.94 | 0.07382 | 420144.65 | 3763435.69 | 0.07187 |
| 420157.37 | 3763449.33 | 0.07598 | 420203.21 | 3763366.33 | 0.08125 |
| 420212.30 | 3763349.37 | 0.08206 | 420110.79 | 3763789.57 | 0.07766 |
| 420095.76 | 3763777.27 | 0.07466 | 420082.79 | 3763760.88 | 0.07255 |
| 420069.13 | 3763754.06 | 0.06986 | 420054.11 | 3763743.13 | 0.06708 |
| 420101.91 | 3763822.34 | 0.07543 | 420083.47 | 3763829.85 | 0.07150 |
| 420062.30 | 3763818.25 | 0.06796 | 420054.11 | 3763806.64 | 0.06675 |
| 420037.04 | 3763795.71 | 0.06415 | 420087.94 | 3763866.45 | 0.07153 |
| 420066.97 | 3763858.48 | 0.06798 | 420049.36 | 3763847.57 | 0.06537 |
| 420032.58 | 3763850.93 | 0.06277 | 420490.31 | 3764285.91 | 0.09260 |
| 420510.31 | 3764285.91 | 0.09648 | 420530.31 | 3764285.91 | 0.10059 |
| 420550.31 | 3764285.91 | 0.10493 | 420570.31 | 3764285.91 | 0.10944 |
| 420590.31 | 3764285.91 | 0.11410 | 420610.31 | 3764285.91 | 0.11893 |
| 420390.31 | 3764305.91 | 0.07253 | 420410.31 | 3764305.91 | 0.07517 |

| | | | | | |
|---|---|---|---|---|---|
| 420430.31 | 3764305.91 | 0.07801 | 420450.31 | 3764305.91 | 0.08090 |
| 420470.31 | 3764305.91 | 0.08395 | 420490.31 | 3764305.91 | 0.08717 |
| 420510.31 | 3764305.91 | 0.09058 | 420530.31 | 3764305.91 | 0.09417 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 0.09806 | 420570.31 | 3764305.91 | 0.10206 |
| 420590.31 | 3764305.91 | 0.10613 | 420610.31 | 3764305.91 | 0.11024 |
| 420390.31 | 3764325.91 | 0.06902 | 420410.31 | 3764325.91 | 0.07139 |
| 420430.31 | 3764325.91 | 0.07398 | 420450.31 | 3764325.91 | 0.07655 |
| 420470.31 | 3764325.91 | 0.07932 | 420490.31 | 3764325.91 | 0.08220 |
| 420510.31 | 3764325.91 | 0.08520 | 420530.31 | 3764325.91 | 0.08834 |
| 420550.31 | 3764325.91 | 0.09181 | 420570.31 | 3764325.91 | 0.09538 |
| 420590.31 | 3764325.91 | 0.09896 | 420410.31 | 3764345.91 | 0.06798 |
| 420430.31 | 3764345.91 | 0.07020 | 420450.31 | 3764345.91 | 0.07246 |
| 420470.31 | 3764345.91 | 0.07488 | 420490.31 | 3764345.91 | 0.07753 |
| 420510.31 | 3764345.91 | 0.08036 | 420530.31 | 3764345.91 | 0.08317 |
| 420550.31 | 3764345.91 | 0.08617 | 420570.31 | 3764345.91 | 0.08931 |
| 420430.31 | 3764365.91 | 0.06674 | 420450.31 | 3764365.91 | 0.06878 |
| 420470.31 | 3764365.91 | 0.07092 | 420490.31 | 3764365.91 | 0.07326 |
| 420510.31 | 3764365.91 | 0.07579 | 420530.31 | 3764365.91 | 0.07844 |
| 420550.31 | 3764365.91 | 0.08108 | 420570.31 | 3764365.91 | 0.08376 |
| 420450.31 | 3764385.91 | 0.06543 | 420470.31 | 3764385.91 | 0.06734 |
| 420490.31 | 3764385.91 | 0.06935 | 420510.31 | 3764385.91 | 0.07156 |
| 420530.31 | 3764385.91 | 0.07409 | 420550.31 | 3764385.91 | 0.07644 |
| 420470.31 | 3764405.91 | 0.06401 | 420490.31 | 3764405.91 | 0.06585 |
| 420510.31 | 3764405.91 | 0.06780 | 420530.31 | 3764405.91 | 0.06993 |
| 420490.31 | 3764425.91 | 0.06255 | 420510.31 | 3764425.91 | 0.06425 |
| 420504.61 | 3764167.94 | 0.14213 | 420511.08 | 3764158.02 | 0.15016 |
| 420524.44 | 3764147.67 | 0.16259 | 420535.23 | 3764136.03 | 0.17593 |
| 420493.83 | 3764108.43 | 0.17009 | 420483.05 | 3764124.38 | 0.15505 |
| 420469.25 | 3764140.34 | 0.14067 | 420454.16 | 3764160.60 | 0.12612 |
| 420443.38 | 3764173.11 | 0.11785 | 420427.85 | 3764193.38 | 0.10644 |
| 420417.51 | 3764210.62 | 0.09879 | 420405.86 | 3764224.42 | 0.09250 |
| 420389.91 | 3764241.24 | 0.08548 | 420379.13 | 3764258.92 | 0.07988 |
| 420362.74 | 3764275.31 | 0.07434 | 420351.10 | 3764286.95 | 0.07075 |
| 420518.84 | 3764071.76 | 0.21445 | 420534.99 | 3764080.89 | 0.21998 |
| 420548.34 | 3764092.83 | 0.22019 | 420571.51 | 3764110.38 | 0.22157 |
| 420591.17 | 3764123.02 | 0.22520 | 420605.91 | 3764135.66 | 0.22320 |
| 420622.06 | 3764145.49 | 0.22498 | 420640.32 | 3764160.23 | 0.22282 |
| 420614.34 | 3764193.23 | 0.17661 | 420580.63 | 3764167.96 | 0.17776 |
| 420565.89 | 3764182.00 | 0.16084 | 420553.95 | 3764191.13 | 0.15003 |
| 420597.49 | 3764203.77 | 0.16062 | 420591.87 | 3764223.43 | 0.14612 |

| | | | | | |
|---|---|---|---|---|---|
| 420539.91 | 3764200.26 | 0.13935 | 420606.61 | 3764240.98 | 0.14126 |
| 420629.08 | 3764250.81 | 0.14335 | 420648.74 | 3764238.87 | 0.15787 |
| 420651.55 | 3764222.73 | 0.17105 | 420660.68 | 3764207.98 | 0.18745 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC | |
|---|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 0.20291 | 420681.74 | 3764181.30 | 0.22807 | |
| 420712.64 | 3764215.70 | 0.20677 | 420695.09 | 3764229.75 | 0.18407 | |
| 420732.30 | 3764227.64 | 0.20451 | 420747.05 | 3764238.17 | 0.20110 | |
| 420767.41 | 3764245.19 | 0.20390 | 420681.04 | 3764247.30 | 0.16366 | |
| 420668.40 | 3764264.85 | 0.14690 | 420655.06 | 3764283.11 | 0.13205 | |
| 420641.02 | 3764297.86 | 0.12088 | 420638.21 | 3764314.71 | 0.11279 | |
| 420629.08 | 3764330.86 | 0.10449 | 420619.25 | 3764349.11 | 0.09627 | |
| 420605.91 | 3764381.41 | 0.08443 | 420599.59 | 3764395.46 | 0.08001 | |
| 420572.91 | 3764397.56 | 0.07630 | 420563.78 | 3764415.82 | 0.07134 | |
| 420537.80 | 3764434.78 | 0.06497 | 420556.76 | 3764436.18 | 0.06632 | |
| 420575.72 | 3764441.10 | 0.06697 | 420589.76 | 3764450.93 | 0.06640 | |
| 420638.21 | 3764481.82 | 0.06498 | 420641.02 | 3764463.56 | 0.06880 | |
| 420648.74 | 3764446.01 | 0.07328 | 420652.96 | 3764423.54 | 0.07916 | |
| 420652.96 | 3764410.90 | 0.08253 | 420650.85 | 3764387.03 | 0.08910 | |
| 420295.36 | 3764152.91 | 0.08515 | 420331.87 | 3764188.02 | 0.08581 | |
| 420353.64 | 3764208.38 | 0.08571 | 420339.59 | 3764226.64 | 0.07964 | |
| 420327.66 | 3764237.87 | 0.07571 | 420317.83 | 3764252.62 | 0.07188 | |
| 420300.27 | 3764231.55 | 0.07265 | 420285.53 | 3764216.81 | 0.07277 | |
| 420271.48 | 3764206.28 | 0.07220 | 420260.25 | 3764195.04 | 0.07213 | |
| 420283.42 | 3764171.17 | 0.07978 | 420972.38 | 3763271.71 | 0.04944 | |
| 420913.80 | 3763329.33 | 0.07460 | 420955.88 | 3763316.14 | 0.06268 | |
| 421011.82 | 3763312.84 | 0.05418 | 420869.05 | 3763382.67 | 0.11237 | |
| 420913.80 | 3763379.33 | 0.09742 | 420955.88 | 3763366.14 | 0.08107 | |
| 421011.82 | 3763362.84 | 0.07000 | 420906.65 | 3763419.80 | 0.12835 | High School |
| 420955.88 | 3763416.14 | 0.11010 | 421011.82 | 3763412.84 | 0.09432 | |
| 421009.84 | 3763454.26 | 0.12562 | 420679.66 | 3764117.07 | 0.34975 | |
| 420692.12 | 3764098.22 | 0.41653 | 420703.14 | 3764099.09 | 0.43488 | Residential |
| 420702.56 | 3764144.04 | 0.32389 | | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 0.08429 | 420180.57 | 3763830.04 | 0.08810 |
| 420200.57 | 3763830.04 | 0.09396 | 420200.57 | 3763850.04 | 0.09191 |
| 420220.57 | 3763850.04 | 0.09820 | 420240.57 | 3763850.04 | 0.10557 |
| 420160.57 | 3763870.04 | 0.07919 | 420180.57 | 3763870.04 | 0.08414 |
| 420220.57 | 3763870.04 | 0.09567 | 420240.57 | 3763870.04 | 0.10239 |
| 420260.57 | 3763870.04 | 0.11035 | 420160.57 | 3763890.04 | 0.07728 |
| 420200.57 | 3763890.04 | 0.08729 | 420260.57 | 3763890.04 | 0.10702 |
| 420280.57 | 3763890.04 | 0.11499 | 420140.57 | 3763910.04 | 0.07157 |
| 420200.57 | 3763910.04 | 0.08466 | 420220.57 | 3763910.04 | 0.09052 |
| 420280.57 | 3763910.04 | 0.11137 | 420300.57 | 3763910.04 | 0.12002 |
| 420160.57 | 3763930.04 | 0.07343 | 420180.57 | 3763930.04 | 0.07742 |
| 420220.57 | 3763930.04 | 0.08758 | 420240.57 | 3763930.04 | 0.09338 |
| 420260.57 | 3763930.04 | 0.10024 | 420320.57 | 3763930.04 | 0.12462 |
| 420340.57 | 3763930.04 | 0.13524 | 420120.57 | 3763950.04 | 0.06450 |
| 420140.57 | 3763950.04 | 0.06779 | 420200.57 | 3763950.04 | 0.07986 |
| 420220.57 | 3763950.04 | 0.08463 | 420260.57 | 3763950.04 | 0.09640 |
| 420280.57 | 3763950.04 | 0.10340 | 420340.57 | 3763950.04 | 0.12917 |
| 420360.57 | 3763950.04 | 0.14035 | 420120.57 | 3763970.04 | 0.06290 |
| 420140.57 | 3763970.04 | 0.06600 | 420160.57 | 3763970.04 | 0.06969 |
| 420240.57 | 3763970.04 | 0.08701 | 420300.57 | 3763970.04 | 0.10645 |
| 420340.57 | 3763970.04 | 0.12305 | 420360.57 | 3763970.04 | 0.13316 |
| 420100.57 | 3763990.04 | 0.05880 | 420120.57 | 3763990.04 | 0.06143 |
| 420160.57 | 3763990.04 | 0.06768 | 420180.57 | 3763990.04 | 0.07150 |
| 420240.57 | 3763990.04 | 0.08421 | 420260.57 | 3763990.04 | 0.08921 |
| 420280.57 | 3763990.04 | 0.09510 | 420340.57 | 3763990.04 | 0.11718 |
| 420120.57 | 3764010.04 | 0.05998 | 420140.57 | 3764010.04 | 0.06275 |
| 420160.57 | 3764010.04 | 0.06607 | 420200.57 | 3764010.04 | 0.07316 |
| 420220.57 | 3764010.04 | 0.07709 | 420280.57 | 3764010.04 | 0.09158 |
| 420320.57 | 3764010.04 | 0.10411 | 420400.57 | 3764010.04 | 0.13804 |
| 420420.57 | 3764010.04 | 0.14921 | 420440.57 | 3764010.04 | 0.16170 |
| 420180.57 | 3764030.04 | 0.06740 | 420200.57 | 3764030.04 | 0.07071 |
| 420240.57 | 3764030.04 | 0.07875 | 420300.57 | 3764030.04 | 0.09372 |
| 420320.57 | 3764030.04 | 0.09948 | 420400.57 | 3764030.04 | 0.12968 |
| 420440.57 | 3764030.04 | 0.15047 | 420460.57 | 3764030.04 | 0.16290 |

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|---|---|---|---|---|---|
| 420180.57 | 3764050.04 | 0.06520 | 420200.57 | 3764050.04 | 0.06830 |
| 420240.57 | 3764050.04 | 0.07582 | 420280.57 | 3764050.04 | 0.08472 |
| 420380.57 | 3764050.04 | 0.11412 | 420480.57 | 3764050.04 | 0.16261 |
| 420200.57 | 3764070.04 | 0.06619 | 420220.57 | 3764070.04 | 0.06969 |
| 420260.57 | 3764070.04 | 0.07718 | 420280.57 | 3764070.04 | 0.08119 |
| 420360.57 | 3764070.04 | 0.10181 | 420420.57 | 3764070.04 | 0.12281 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 0.13116 | 420260.57 | 3764090.04 | 0.07415 |
| 420340.57 | 3764090.04 | 0.09145 | 420400.57 | 3764090.04 | 0.10883 |
| 420420.57 | 3764090.04 | 0.11543 | 420440.57 | 3764090.04 | 0.12285 |
| 420460.57 | 3764090.04 | 0.13134 | 420260.57 | 3764110.04 | 0.07101 |
| 420340.57 | 3764110.04 | 0.08715 | 420400.57 | 3764110.04 | 0.10273 |
| 420420.57 | 3764110.04 | 0.10883 | 420440.57 | 3764110.04 | 0.11557 |
| 420320.57 | 3764130.04 | 0.07877 | 420380.57 | 3764130.04 | 0.09225 |
| 420400.57 | 3764130.04 | 0.09731 | 420420.57 | 3764130.04 | 0.10288 |
| 420360.57 | 3764150.04 | 0.08341 | 420400.57 | 3764150.04 | 0.09225 |
| 420340.57 | 3764170.04 | 0.07583 | 420380.57 | 3764170.04 | 0.08325 |
| 420400.57 | 3764170.04 | 0.08767 | 420380.57 | 3764190.04 | 0.07930 |
| 420714.65 | 3764272.44 | 0.12555 | 420734.65 | 3764284.40 | 0.12398 |
| 420754.65 | 3764284.40 | 0.12837 | 420280.59 | 3763433.11 | 0.32712 |
| 420260.59 | 3763453.11 | 0.24774 | 420260.59 | 3763473.11 | 0.22563 |
| 420233.62 | 3763487.75 | 0.18100 | 420253.62 | 3763507.75 | 0.19038 |
| 420200.59 | 3763533.11 | 0.13707 | 420223.55 | 3763541.34 | 0.15004 |
| 420240.59 | 3763533.11 | 0.16581 | 420179.16 | 3763563.83 | 0.11854 |
| 420200.59 | 3763573.11 | 0.12755 | 420234.64 | 3763578.58 | 0.14678 |
| 420200.59 | 3763593.11 | 0.12390 | 420160.59 | 3763613.11 | 0.10379 |
| 420138.25 | 3763640.23 | 0.09316 | 420200.59 | 3763613.11 | 0.12078 |
| 420180.59 | 3763633.11 | 0.10905 | 420172.25 | 3763655.96 | 0.10315 |
| 420160.59 | 3763673.11 | 0.09742 | 420160.59 | 3763693.11 | 0.09563 |
| 420092.84 | 3763719.31 | 0.07532 | 420140.59 | 3763713.11 | 0.08788 |
| 420120.59 | 3763733.11 | 0.08116 | 420804.93 | 3764263.30 | 0.15309 |
| 420820.93 | 3764270.66 | 0.15175 | 420839.88 | 3764276.55 | 0.15185 |
| 420860.72 | 3764279.50 | 0.15395 | 420880.72 | 3764279.50 | 0.15792 |
| 420892.72 | 3764288.76 | 0.15254 | 420900.72 | 3764299.50 | 0.14679 |
| 420920.72 | 3764299.50 | 0.15025 | 420980.72 | 3764299.50 | 0.15950 |
| 420740.72 | 3764319.50 | 0.10972 | 420780.72 | 3764319.50 | 0.11626 |
| 420800.72 | 3764319.50 | 0.11930 | 420820.72 | 3764319.50 | 0.12246 |
| 420840.72 | 3764319.50 | 0.12557 | 420940.72 | 3764319.50 | 0.13973 |
| 420980.72 | 3764319.50 | 0.14496 | 421003.29 | 3764310.49 | 0.15375 |
| 421023.29 | 3764310.49 | 0.15507 | 421043.29 | 3764310.49 | 0.15752 |
| 421063.29 | 3764310.49 | 0.15988 | 421083.29 | 3764310.49 | 0.16242 |

| | | | | | |
|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 0.16531 | 421123.29 | 3764310.49 | 0.16854 |
| 421143.29 | 3764310.49 | 0.17197 | 421163.29 | 3764310.49 | 0.17582 |
| 421183.29 | 3764310.49 | 0.18006 | 421203.29 | 3764310.49 | 0.18515 |
| 421223.29 | 3764310.49 | 0.19142 | 421243.29 | 3764310.49 | 0.19807 |
| 421263.29 | 3764310.49 | 0.20578 | 421283.29 | 3764310.49 | 0.21486 |
| 421303.29 | 3764310.49 | 0.22573 | 420760.72 | 3764339.50 | 0.10521 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 0.11878 | 420880.72 | 3764339.50 | 0.12136 |
| 420920.72 | 3764339.50 | 0.12626 | 420980.72 | 3764339.50 | 0.13247 |
| 420700.42 | 3764305.37 | 0.10762 | 420780.72 | 3764359.50 | 0.10046 |
| 420800.72 | 3764359.50 | 0.10282 | 420823.92 | 3764366.20 | 0.10312 |
| 420920.72 | 3764359.50 | 0.11590 | 420980.72 | 3764359.50 | 0.12055 |
| 421010.96 | 3764363.22 | 0.12280 | 421030.96 | 3764363.22 | 0.12525 |
| 421050.96 | 3764363.22 | 0.12725 | 421070.96 | 3764363.22 | 0.12952 |
| 421090.96 | 3764363.22 | 0.13187 | 421110.96 | 3764363.22 | 0.13442 |
| 421130.96 | 3764363.22 | 0.13701 | 421150.96 | 3764363.22 | 0.13985 |
| 421170.96 | 3764363.22 | 0.14386 | 421190.96 | 3764368.75 | 0.14435 |
| 421210.17 | 3764368.36 | 0.14876 | 421230.17 | 3764368.36 | 0.15369 |
| 421250.17 | 3764368.36 | 0.15889 | 421270.17 | 3764368.36 | 0.16459 |
| 421290.17 | 3764368.36 | 0.17113 | 421310.17 | 3764368.36 | 0.17873 |
| 420843.63 | 3764371.64 | 0.10310 | 420860.72 | 3764379.50 | 0.10184 |
| 420880.72 | 3764379.50 | 0.10288 | 420898.39 | 3764385.33 | 0.10153 |
| 420980.72 | 3764379.50 | 0.11006 | 420760.72 | 3764399.50 | 0.08629 |
| 420780.72 | 3764399.50 | 0.08821 | 420920.72 | 3764399.50 | 0.09820 |
| 420940.72 | 3764399.50 | 0.10030 | 420980.72 | 3764399.50 | 0.10087 |
| 420746.30 | 3764412.53 | 0.08153 | 420780.72 | 3764419.50 | 0.08270 |
| 420820.72 | 3764419.50 | 0.08663 | 420840.72 | 3764419.50 | 0.08810 |
| 420940.72 | 3764419.50 | 0.09278 | 420980.72 | 3764419.50 | 0.09322 |
| 421013.06 | 3764405.83 | 0.09964 | 421033.06 | 3764405.83 | 0.10079 |
| 421053.06 | 3764405.83 | 0.10244 | 421073.06 | 3764405.83 | 0.10420 |
| 421093.06 | 3764405.83 | 0.10601 | 421113.06 | 3764405.83 | 0.10792 |
| 421133.06 | 3764405.83 | 0.10986 | 421160.72 | 3764419.50 | 0.10681 |
| 421180.72 | 3764419.50 | 0.10964 | 421220.72 | 3764419.50 | 0.12310 |
| 421233.28 | 3764408.34 | 0.13183 | 421253.28 | 3764408.34 | 0.13612 |
| 421273.28 | 3764408.34 | 0.14136 | 421293.28 | 3764408.34 | 0.14664 |
| 420746.30 | 3764432.53 | 0.07676 | 420780.72 | 3764439.50 | 0.07787 |
| 420820.72 | 3764439.50 | 0.08148 | 420860.72 | 3764439.50 | 0.08337 |
| 420880.72 | 3764439.50 | 0.08437 | 420940.72 | 3764439.50 | 0.08675 |
| 420980.72 | 3764439.50 | 0.08682 | 420994.21 | 3764452.98 | 0.08372 |
| 421014.21 | 3764452.98 | 0.08481 | 421034.21 | 3764452.98 | 0.08594 |
| 421054.21 | 3764452.98 | 0.08721 | 421074.21 | 3764452.98 | 0.08866 |

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|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 0.09024 | 421114.21 | 3764452.98 | 0.09178 |
| 421134.21 | 3764452.98 | 0.09321 | 421180.72 | 3764439.50 | 0.10173 |
| 421220.72 | 3764439.50 | 0.11403 | 420737.00 | 3764452.99 | 0.07159 |
| 420780.72 | 3764459.50 | 0.07364 | 420820.72 | 3764459.50 | 0.07641 |
| 420920.72 | 3764459.50 | 0.07932 | 421134.21 | 3764472.98 | 0.08647 |
| 421180.72 | 3764459.50 | 0.09460 | 421200.72 | 3764459.50 | 0.09671 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 0.11276 | 421252.35 | 3764459.04 | 0.11381 |
| 421293.28 | 3764448.34 | 0.12719 | 420737.00 | 3764472.99 | 0.06783 |
| 420820.72 | 3764479.50 | 0.07172 | 420871.79 | 3764475.04 | 0.07186 |
| 420920.72 | 3764479.50 | 0.07371 | 421180.72 | 3764479.50 | 0.08823 |
| 421200.72 | 3764479.50 | 0.08972 | 421260.72 | 3764479.50 | 0.10682 |
| 421280.72 | 3764479.50 | 0.11188 | 420737.00 | 3764492.99 | 0.06430 |
| 420767.69 | 3764492.53 | 0.06603 | 420820.72 | 3764499.50 | 0.06758 |
| 420871.79 | 3764495.04 | 0.06718 | 420920.72 | 3764499.50 | 0.06922 |
| 421114.21 | 3764512.98 | 0.07227 | 421134.21 | 3764512.98 | 0.07422 |
| 421200.72 | 3764499.50 | 0.08395 | 421280.72 | 3764499.50 | 0.10483 |
| 420730.48 | 3764507.70 | 0.06171 | 420767.69 | 3764512.53 | 0.06253 |
| 420820.72 | 3764519.50 | 0.06363 | 420871.79 | 3764515.04 | 0.06309 |
| 420920.72 | 3764519.50 | 0.06451 | 421000.26 | 3764522.29 | 0.06244 |
| 421020.26 | 3764522.29 | 0.06330 | 421040.26 | 3764522.29 | 0.06459 |
| 421060.26 | 3764522.29 | 0.06601 | 421080.26 | 3764522.29 | 0.06755 |
| 421200.72 | 3764519.50 | 0.07899 | 421280.72 | 3764519.50 | 0.09842 |
| 420730.48 | 3764527.70 | 0.05886 | 420767.69 | 3764532.53 | 0.05931 |
| 420820.72 | 3764539.50 | 0.05993 | 420860.72 | 3764539.50 | 0.05856 |
| 420920.72 | 3764539.50 | 0.06039 | 420980.72 | 3764539.50 | 0.05846 |
| 421160.72 | 3764539.50 | 0.07125 | 421180.72 | 3764539.50 | 0.07302 |
| 421280.72 | 3764539.50 | 0.09257 | 420860.72 | 3764559.50 | 0.05530 |
| 420909.07 | 3764562.58 | 0.05655 | 420980.72 | 3764559.50 | 0.05570 |
| 421040.72 | 3764559.50 | 0.05852 | 421080.72 | 3764559.50 | 0.06145 |
| 421100.72 | 3764559.50 | 0.06275 | 421120.72 | 3764559.50 | 0.06418 |
| 421140.72 | 3764559.50 | 0.06566 | 421160.72 | 3764559.50 | 0.06725 |
| 420960.72 | 3764579.50 | 0.05284 | 421020.72 | 3764579.50 | 0.05488 |
| 420680.84 | 3764330.64 | 0.09544 | 420720.84 | 3764330.64 | 0.10190 |
| 420660.84 | 3764350.64 | 0.08695 | 420692.00 | 3764425.97 | 0.07367 |
| 420720.84 | 3764350.64 | 0.09579 | 420660.84 | 3764370.64 | 0.08157 |
| 420700.84 | 3764370.64 | 0.08688 | 420700.84 | 3764390.64 | 0.08195 |
| 420700.84 | 3764410.64 | 0.07764 | 420680.84 | 3764450.64 | 0.06743 |
| 420680.84 | 3764470.64 | 0.06399 | 420680.84 | 3764490.64 | 0.06085 |
| 420101.08 | 3763674.83 | 0.08029 | 420083.47 | 3763665.61 | 0.07666 |
| 420070.89 | 3763688.25 | 0.07262 | 420083.05 | 3763697.47 | 0.07465 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 0.06906 | 420057.47 | 3763625.35 | 0.07281 |
| 420067.12 | 3763611.93 | 0.07563 | 420079.70 | 3763600.61 | 0.07931 |
| 420101.50 | 3763588.45 | 0.08620 | 420107.79 | 3763573.35 | 0.08920 |
| 420119.53 | 3763558.68 | 0.09438 | 420130.02 | 3763541.07 | 0.09991 |
| 420141.76 | 3763528.91 | 0.10622 | 420177.06 | 3763505.07 | 0.12892 |
| 420182.52 | 3763490.53 | 0.13575 | 420189.79 | 3763470.23 | 0.14758 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 0.16765 | 420211.91 | 3763443.87 | 0.18149 |
| 420221.30 | 3763427.51 | 0.20607 | 420233.11 | 3763414.79 | 0.24027 |
| 420187.06 | 3763375.10 | 0.17107 | 420174.04 | 3763398.73 | 0.14759 |
| 420159.80 | 3763419.94 | 0.12942 | 420144.65 | 3763435.69 | 0.11652 |
| 420157.37 | 3763449.33 | 0.12270 | 420203.21 | 3763366.33 | 0.20986 |
| 420212.30 | 3763349.37 | 0.24795 | 420110.79 | 3763789.57 | 0.07188 |
| 420095.76 | 3763777.27 | 0.06972 | 420082.79 | 3763760.88 | 0.06858 |
| 420069.13 | 3763754.06 | 0.06628 | 420054.11 | 3763743.13 | 0.06410 |
| 420101.91 | 3763822.34 | 0.06822 | 420083.47 | 3763829.85 | 0.06439 |
| 420062.30 | 3763818.25 | 0.06164 | 420054.11 | 3763806.64 | 0.06098 |
| 420037.04 | 3763795.71 | 0.05897 | 420087.94 | 3763866.45 | 0.06317 |
| 420066.97 | 3763858.48 | 0.06032 | 420049.36 | 3763847.57 | 0.05838 |
| 420032.58 | 3763850.93 | 0.05602 | 420490.31 | 3764285.91 | 0.07778 |
| 420510.31 | 3764285.91 | 0.08103 | 420530.31 | 3764285.91 | 0.08434 |
| 420550.31 | 3764285.91 | 0.08784 | 420570.31 | 3764285.91 | 0.09121 |
| 420590.31 | 3764285.91 | 0.09461 | 420610.31 | 3764285.91 | 0.09806 |
| 420390.31 | 3764305.91 | 0.06193 | 420410.31 | 3764305.91 | 0.06411 |
| 420430.31 | 3764305.91 | 0.06650 | 420450.31 | 3764305.91 | 0.06882 |
| 420470.31 | 3764305.91 | 0.07123 | 420490.31 | 3764305.91 | 0.07378 |
| 420510.31 | 3764305.91 | 0.07646 | 420530.31 | 3764305.91 | 0.07939 |
| 420550.31 | 3764305.91 | 0.08268 | 420570.31 | 3764305.91 | 0.08592 |
| 420590.31 | 3764305.91 | 0.08894 | 420610.31 | 3764305.91 | 0.09176 |
| 420390.31 | 3764325.91 | 0.05934 | 420410.31 | 3764325.91 | 0.06131 |
| 420430.31 | 3764325.91 | 0.06355 | 420450.31 | 3764325.91 | 0.06561 |
| 420470.31 | 3764325.91 | 0.06788 | 420490.31 | 3764325.91 | 0.07018 |
| 420510.31 | 3764325.91 | 0.07253 | 420530.31 | 3764325.91 | 0.07497 |
| 420550.31 | 3764325.91 | 0.07803 | 420570.31 | 3764325.91 | 0.08097 |
| 420590.31 | 3764325.91 | 0.08368 | 420410.31 | 3764345.91 | 0.05891 |
| 420430.31 | 3764345.91 | 0.06074 | 420450.31 | 3764345.91 | 0.06254 |
| 420470.31 | 3764345.91 | 0.06450 | 420490.31 | 3764345.91 | 0.06672 |
| 420510.31 | 3764345.91 | 0.06911 | 420530.31 | 3764345.91 | 0.07133 |
| 420550.31 | 3764345.91 | 0.07379 | 420570.31 | 3764345.91 | 0.07652 |
| 420430.31 | 3764365.91 | 0.05824 | 420450.31 | 3764365.91 | 0.05990 |
| 420470.31 | 3764365.91 | 0.06161 | 420490.31 | 3764365.91 | 0.06358 |

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|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 0.06575 | 420530.31 | 3764365.91 | 0.06801 |
| 420550.31 | 3764365.91 | 0.07016 | 420570.31 | 3764365.91 | 0.07225 |
| 420450.31 | 3764385.91 | 0.05754 | 420470.31 | 3764385.91 | 0.05908 |
| 420490.31 | 3764385.91 | 0.06072 | 420510.31 | 3764385.91 | 0.06260 |
| 420530.31 | 3764385.91 | 0.06492 | 420550.31 | 3764385.91 | 0.06687 |
| 420470.31 | 3764405.91 | 0.05670 | 420490.31 | 3764405.91 | 0.05824 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.05991 | 420530.31 | 3764405.91 | 0.06178 |
| 420490.31 | 3764425.91 | 0.05584 | 420510.31 | 3764425.91 | 0.05725 |
| 420504.61 | 3764167.94 | 0.11499 | 420511.08 | 3764158.02 | 0.12098 |
| 420524.44 | 3764147.67 | 0.13011 | 420535.23 | 3764136.03 | 0.13985 |
| 420493.83 | 3764108.43 | 0.13655 | 420483.05 | 3764124.38 | 0.12505 |
| 420469.25 | 3764140.34 | 0.11407 | 420454.16 | 3764160.60 | 0.10304 |
| 420443.38 | 3764173.11 | 0.09681 | 420427.85 | 3764193.38 | 0.08806 |
| 420417.51 | 3764210.62 | 0.08211 | 420405.86 | 3764224.42 | 0.07708 |
| 420389.91 | 3764241.24 | 0.07152 | 420379.13 | 3764258.92 | 0.06720 |
| 420362.74 | 3764275.31 | 0.06294 | 420351.10 | 3764286.95 | 0.06011 |
| 420518.84 | 3764071.76 | 0.17103 | 420534.99 | 3764080.89 | 0.17423 |
| 420548.34 | 3764092.83 | 0.17343 | 420571.51 | 3764110.38 | 0.17267 |
| 420591.17 | 3764123.02 | 0.17461 | 420605.91 | 3764135.66 | 0.17235 |
| 420622.06 | 3764145.49 | 0.17304 | 420640.32 | 3764160.23 | 0.17106 |
| 420614.34 | 3764193.23 | 0.13892 | 420580.63 | 3764167.96 | 0.14002 |
| 420565.89 | 3764182.00 | 0.12816 | 420553.95 | 3764191.13 | 0.12047 |
| 420597.49 | 3764203.77 | 0.12766 | 420591.87 | 3764223.43 | 0.11750 |
| 420539.91 | 3764200.26 | 0.11276 | 420606.61 | 3764240.98 | 0.11406 |
| 420629.08 | 3764250.81 | 0.11556 | 420648.74 | 3764238.87 | 0.12547 |
| 420651.55 | 3764222.73 | 0.13461 | 420660.68 | 3764207.98 | 0.14583 |
| 420667.00 | 3764195.34 | 0.15648 | 420681.74 | 3764181.30 | 0.17386 |
| 420712.64 | 3764215.70 | 0.15830 | 420695.09 | 3764229.75 | 0.14294 |
| 420732.30 | 3764227.64 | 0.15656 | 420747.05 | 3764238.17 | 0.15417 |
| 420767.41 | 3764245.19 | 0.15589 | 420681.04 | 3764247.30 | 0.12903 |
| 420668.40 | 3764264.85 | 0.11749 | 420655.06 | 3764283.11 | 0.10722 |
| 420641.02 | 3764297.86 | 0.09944 | 420638.21 | 3764314.71 | 0.09386 |
| 420629.08 | 3764330.86 | 0.08795 | 420619.25 | 3764349.11 | 0.08194 |
| 420605.91 | 3764381.41 | 0.07294 | 420599.59 | 3764395.46 | 0.06973 |
| 420572.91 | 3764397.56 | 0.06678 | 420563.78 | 3764415.82 | 0.06305 |
| 420537.80 | 3764434.78 | 0.05786 | 420556.76 | 3764436.18 | 0.05891 |
| 420575.72 | 3764441.10 | 0.05938 | 420589.76 | 3764450.93 | 0.05909 |
| 420638.21 | 3764481.82 | 0.05858 | 420641.02 | 3764463.56 | 0.06156 |
| 420648.74 | 3764446.01 | 0.06495 | 420652.96 | 3764423.54 | 0.06939 |
| 420652.96 | 3764410.90 | 0.07194 | 420650.85 | 3764387.03 | 0.07693 |

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|---|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 0.07033 | 420331.87 | 3764188.02 | 0.07119 | |
| 420353.64 | 3764208.38 | 0.07113 | 420339.59 | 3764226.64 | 0.06651 | |
| 420327.66 | 3764237.87 | 0.06343 | 420317.83 | 3764252.62 | 0.06052 | |
| 420300.27 | 3764231.55 | 0.06083 | 420285.53 | 3764216.81 | 0.06077 | |
| 420271.48 | 3764206.28 | 0.06017 | 420260.25 | 3764195.04 | 0.05999 | |
| 420283.42 | 3764171.17 | 0.06620 | 420268.56 | 3763810.41 | 0.12468 | Preschool |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC | |
|---|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 0.10557 | 420470.31 | 3764185.91 | 0.09945 | |
| 420490.31 | 3764185.91 | 0.10448 | 420450.31 | 3764205.91 | 0.08968 | |
| 420470.31 | 3764205.91 | 0.09383 | 420490.31 | 3764205.91 | 0.09823 | |
| 420510.31 | 3764205.91 | 0.10296 | 420530.31 | 3764205.91 | 0.10819 | Elementary |
| 420430.31 | 3764225.91 | 0.08114 | 420450.31 | 3764225.91 | 0.08479 | |
| 420470.31 | 3764225.91 | 0.08865 | 420490.31 | 3764225.91 | 0.09263 | |
| 420510.31 | 3764225.91 | 0.09679 | 420530.31 | 3764225.91 | 0.10128 | |
| 420550.31 | 3764225.91 | 0.10577 | 420410.31 | 3764245.91 | 0.07365 | |
| 420430.31 | 3764245.91 | 0.07707 | 420450.31 | 3764245.91 | 0.08032 | |
| 420470.31 | 3764245.91 | 0.08380 | 420490.31 | 3764245.91 | 0.08739 | |
| 420510.31 | 3764245.91 | 0.09119 | 420530.31 | 3764245.91 | 0.09517 | |
| 420550.31 | 3764245.91 | 0.09917 | 420570.31 | 3764245.91 | 0.10354 | |
| 420410.31 | 3764265.91 | 0.07034 | 420430.31 | 3764265.91 | 0.07321 | |
| 420450.31 | 3764265.91 | 0.07622 | 420470.31 | 3764265.91 | 0.07927 | |
| 420490.31 | 3764265.91 | 0.08247 | 420510.31 | 3764265.91 | 0.08585 | |
| 420530.31 | 3764265.91 | 0.08965 | 420550.31 | 3764265.91 | 0.09326 | |
| 420570.31 | 3764265.91 | 0.09699 | 420590.31 | 3764265.91 | 0.10099 | |
| 420610.31 | 3764265.91 | 0.10524 | 420390.31 | 3764285.91 | 0.06472 | |
| 420410.31 | 3764285.91 | 0.06713 | 420430.31 | 3764285.91 | 0.06968 | |
| 420450.31 | 3764285.91 | 0.07229 | 420470.31 | 3764285.91 | 0.07491 | |
| 420162.22 | 3763820.99 | 0.08074 | 420180.57 | 3763830.04 | 0.08446 | |
| 420200.57 | 3763830.04 | 0.09001 | 420200.57 | 3763850.04 | 0.08786 | |
| 420220.57 | 3763850.04 | 0.09379 | 420240.57 | 3763850.04 | 0.10058 | |
| 420160.57 | 3763870.04 | 0.07589 | 420180.57 | 3763870.04 | 0.08051 | |
| 420220.57 | 3763870.04 | 0.09129 | 420240.57 | 3763870.04 | 0.09762 | |
| 420260.57 | 3763870.04 | 0.10492 | 420160.57 | 3763890.04 | 0.07406 | |
| 420200.57 | 3763890.04 | 0.08335 | 420260.57 | 3763890.04 | 0.10164 | |
| 420280.57 | 3763890.04 | 0.10921 | 420140.57 | 3763910.04 | 0.06852 | |
| 420200.57 | 3763910.04 | 0.08095 | 420220.57 | 3763910.04 | 0.08622 | |
| 420280.57 | 3763910.04 | 0.10553 | 420300.57 | 3763910.04 | 0.11363 | |
| 420160.57 | 3763930.04 | 0.07037 | 420180.57 | 3763930.04 | 0.07423 | |
| 420220.57 | 3763930.04 | 0.08352 | 420240.57 | 3763930.04 | 0.08889 | |
| 420260.57 | 3763930.04 | 0.09506 | 420320.57 | 3763930.04 | 0.11773 | |
| 420340.57 | 3763930.04 | 0.12751 | 420120.57 | 3763950.04 | 0.06197 | |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 0.06508 | 420200.57 | 3763950.04 | 0.07635 |
| 420220.57 | 3763950.04 | 0.08082 | 420260.57 | 3763950.04 | 0.09157 |
| 420280.57 | 3763950.04 | 0.09791 | 420340.57 | 3763950.04 | 0.12164 |
| 420360.57 | 3763950.04 | 0.13184 | 420120.57 | 3763970.04 | 0.06046 |
| 420140.57 | 3763970.04 | 0.06339 | 420160.57 | 3763970.04 | 0.06673 |
| 420240.57 | 3763970.04 | 0.08294 | 420300.57 | 3763970.04 | 0.10061 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 0.11585 | 420360.57 | 3763970.04 | 0.12505 |
| 420100.57 | 3763990.04 | 0.05645 | 420120.57 | 3763990.04 | 0.05900 |
| 420160.57 | 3763990.04 | 0.06485 | 420180.57 | 3763990.04 | 0.06830 |
| 420240.57 | 3763990.04 | 0.08019 | 420260.57 | 3763990.04 | 0.08487 |
| 420280.57 | 3763990.04 | 0.09026 | 420340.57 | 3763990.04 | 0.11031 |
| 420120.57 | 3764010.04 | 0.05755 | 420140.57 | 3764010.04 | 0.06018 |
| 420160.57 | 3764010.04 | 0.06318 | 420200.57 | 3764010.04 | 0.06975 |
| 420220.57 | 3764010.04 | 0.07343 | 420280.57 | 3764010.04 | 0.08683 |
| 420320.57 | 3764010.04 | 0.09828 | 420400.57 | 3764010.04 | 0.12931 |
| 420420.57 | 3764010.04 | 0.13946 | 420440.57 | 3764010.04 | 0.15079 |
| 420180.57 | 3764030.04 | 0.06436 | 420200.57 | 3764030.04 | 0.06748 |
| 420240.57 | 3764030.04 | 0.07484 | 420300.57 | 3764030.04 | 0.08855 |
| 420320.57 | 3764030.04 | 0.09389 | 420400.57 | 3764030.04 | 0.12158 |
| 420440.57 | 3764030.04 | 0.14043 | 420460.57 | 3764030.04 | 0.15156 |
| 420180.57 | 3764050.04 | 0.06233 | 420200.57 | 3764050.04 | 0.06528 |
| 420240.57 | 3764050.04 | 0.07211 | 420280.57 | 3764050.04 | 0.08024 |
| 420380.57 | 3764050.04 | 0.10728 | 420480.57 | 3764050.04 | 0.15118 |
| 420200.57 | 3764070.04 | 0.06325 | 420220.57 | 3764070.04 | 0.06636 |
| 420260.57 | 3764070.04 | 0.07322 | 420280.57 | 3764070.04 | 0.07695 |
| 420360.57 | 3764070.04 | 0.09586 | 420420.57 | 3764070.04 | 0.11502 |
| 420440.57 | 3764070.04 | 0.12259 | 420260.57 | 3764090.04 | 0.07042 |
| 420340.57 | 3764090.04 | 0.08627 | 420400.57 | 3764090.04 | 0.10215 |
| 420420.57 | 3764090.04 | 0.10819 | 420440.57 | 3764090.04 | 0.11494 |
| 420460.57 | 3764090.04 | 0.12252 | 420260.57 | 3764110.04 | 0.06768 |
| 420340.57 | 3764110.04 | 0.08231 | 420400.57 | 3764110.04 | 0.09651 |
| 420420.57 | 3764110.04 | 0.10206 | 420440.57 | 3764110.04 | 0.10815 |
| 420320.57 | 3764130.04 | 0.07478 | 420380.57 | 3764130.04 | 0.08686 |
| 420400.57 | 3764130.04 | 0.09143 | 420420.57 | 3764130.04 | 0.09651 |
| 420360.57 | 3764150.04 | 0.07878 | 420400.57 | 3764150.04 | 0.08677 |
| 420340.57 | 3764170.04 | 0.07186 | 420380.57 | 3764170.04 | 0.07865 |
| 420400.57 | 3764170.04 | 0.08249 | 420380.57 | 3764190.04 | 0.07501 |
| 420714.65 | 3764272.44 | 0.11693 | 420734.65 | 3764284.40 | 0.11553 |
| 420754.65 | 3764284.40 | 0.11962 | 420280.59 | 3763433.11 | 0.29670 |
| 420260.59 | 3763453.11 | 0.22855 | 420260.59 | 3763473.11 | 0.20991 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 0.17103 | 420253.62 | 3763507.75 | 0.17994 |
| 420200.59 | 3763533.11 | 0.13094 | 420223.55 | 3763541.34 | 0.14302 |
| 420240.59 | 3763533.11 | 0.15764 | 420179.16 | 3763563.83 | 0.11374 |
| 420200.59 | 3763573.11 | 0.12227 | 420234.64 | 3763578.58 | 0.14006 |
| 420200.59 | 3763593.11 | 0.11875 | 420160.59 | 3763613.11 | 0.09966 |
| 420138.25 | 3763640.23 | 0.08959 | 420200.59 | 3763613.11 | 0.11564 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 0.10460 | 420172.25 | 3763655.96 | 0.09896 |
| 420160.59 | 3763673.11 | 0.09343 | 420160.59 | 3763693.11 | 0.09161 |
| 420092.84 | 3763719.31 | 0.07255 | 420140.59 | 3763713.11 | 0.08423 |
| 420120.59 | 3763733.11 | 0.07780 | 420804.93 | 3764263.30 | 0.14228 |
| 420820.93 | 3764270.66 | 0.14111 | 420839.88 | 3764276.55 | 0.14130 |
| 420860.72 | 3764279.50 | 0.14325 | 420880.72 | 3764279.50 | 0.14696 |
| 420892.72 | 3764288.76 | 0.14201 | 420900.72 | 3764299.50 | 0.13686 |
| 420920.72 | 3764299.50 | 0.14017 | 420980.72 | 3764299.50 | 0.14929 |
| 420740.72 | 3764319.50 | 0.10244 | 420780.72 | 3764319.50 | 0.10855 |
| 420800.72 | 3764319.50 | 0.11133 | 420820.72 | 3764319.50 | 0.11427 |
| 420840.72 | 3764319.50 | 0.11717 | 420940.72 | 3764319.50 | 0.13059 |
| 420980.72 | 3764319.50 | 0.13565 | 421003.29 | 3764310.49 | 0.14394 |
| 421023.29 | 3764310.49 | 0.14519 | 421043.29 | 3764310.49 | 0.14764 |
| 421063.29 | 3764310.49 | 0.15005 | 421083.29 | 3764310.49 | 0.15262 |
| 421103.29 | 3764310.49 | 0.15546 | 421123.29 | 3764310.49 | 0.15860 |
| 421143.29 | 3764310.49 | 0.16194 | 421163.29 | 3764310.49 | 0.16560 |
| 421183.29 | 3764310.49 | 0.16967 | 421203.29 | 3764310.49 | 0.17435 |
| 421223.29 | 3764310.49 | 0.18003 | 421243.29 | 3764310.49 | 0.18613 |
| 421263.29 | 3764310.49 | 0.19317 | 421283.29 | 3764310.49 | 0.20143 |
| 421303.29 | 3764310.49 | 0.21128 | 420760.72 | 3764339.50 | 0.09837 |
| 420860.72 | 3764339.50 | 0.11103 | 420880.72 | 3764339.50 | 0.11345 |
| 420920.72 | 3764339.50 | 0.11809 | 420980.72 | 3764339.50 | 0.12397 |
| 420700.42 | 3764305.37 | 0.10045 | 420780.72 | 3764359.50 | 0.09399 |
| 420800.72 | 3764359.50 | 0.09617 | 420823.92 | 3764366.20 | 0.09649 |
| 420920.72 | 3764359.50 | 0.10847 | 420980.72 | 3764359.50 | 0.11352 |
| 421010.96 | 3764363.22 | 0.11557 | 421030.96 | 3764363.22 | 0.11781 |
| 421050.96 | 3764363.22 | 0.11987 | 421070.96 | 3764363.22 | 0.12206 |
| 421090.96 | 3764363.22 | 0.12434 | 421110.96 | 3764363.22 | 0.12679 |
| 421130.96 | 3764363.22 | 0.12930 | 421150.96 | 3764363.22 | 0.13203 |
| 421170.96 | 3764363.22 | 0.13573 | 421190.96 | 3764368.75 | 0.13621 |
| 421210.17 | 3764368.36 | 0.14028 | 421230.17 | 3764368.36 | 0.14482 |
| 421250.17 | 3764368.36 | 0.14962 | 421270.17 | 3764368.36 | 0.15487 |
| 421290.17 | 3764368.36 | 0.16089 | 421310.17 | 3764368.36 | 0.16791 |
| 420843.63 | 3764371.64 | 0.09651 | 420860.72 | 3764379.50 | 0.09535 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 0.09665 | 420898.39 | 3764385.33 | 0.09579 |
| 420980.72 | 3764379.50 | 0.10412 | 420760.72 | 3764399.50 | 0.08090 |
| 420780.72 | 3764399.50 | 0.08271 | 420920.72 | 3764399.50 | 0.09282 |
| 420940.72 | 3764399.50 | 0.09474 | 420980.72 | 3764399.50 | 0.09586 |
| 420746.30 | 3764412.53 | 0.07651 | 420780.72 | 3764419.50 | 0.07759 |
| 420820.72 | 3764419.50 | 0.08132 | 420840.72 | 3764419.50 | 0.08270 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 0.08790 | 420980.72 | 3764419.50 | 0.08886 |
| 421013.06 | 3764405.83 | 0.09511 | 421033.06 | 3764405.83 | 0.09635 |
| 421053.06 | 3764405.83 | 0.09799 | 421073.06 | 3764405.83 | 0.09973 |
| 421093.06 | 3764405.83 | 0.10153 | 421113.06 | 3764405.83 | 0.10342 |
| 421133.06 | 3764405.83 | 0.10535 | 421160.72 | 3764419.50 | 0.10272 |
| 421180.72 | 3764419.50 | 0.10536 | 421220.72 | 3764419.50 | 0.11648 |
| 421233.28 | 3764408.34 | 0.12440 | 421253.28 | 3764408.34 | 0.12834 |
| 421273.28 | 3764408.34 | 0.13316 | 421293.28 | 3764408.34 | 0.13808 |
| 420746.30 | 3764432.53 | 0.07210 | 420780.72 | 3764439.50 | 0.07323 |
| 420820.72 | 3764439.50 | 0.07654 | 420860.72 | 3764439.50 | 0.07868 |
| 420880.72 | 3764439.50 | 0.07975 | 420940.72 | 3764439.50 | 0.08232 |
| 420980.72 | 3764439.50 | 0.08294 | 420994.21 | 3764452.98 | 0.08015 |
| 421014.21 | 3764452.98 | 0.08128 | 421034.21 | 3764452.98 | 0.08245 |
| 421054.21 | 3764452.98 | 0.08374 | 421074.21 | 3764452.98 | 0.08518 |
| 421094.21 | 3764452.98 | 0.08672 | 421114.21 | 3764452.98 | 0.08825 |
| 421134.21 | 3764452.98 | 0.08972 | 421180.72 | 3764439.50 | 0.09799 |
| 421220.72 | 3764439.50 | 0.10822 | 420737.00 | 3764452.99 | 0.06750 |
| 420780.72 | 3764459.50 | 0.06937 | 420820.72 | 3764459.50 | 0.07202 |
| 420920.72 | 3764459.50 | 0.07552 | 421134.21 | 3764472.98 | 0.08352 |
| 421180.72 | 3764459.50 | 0.09132 | 421200.72 | 3764459.50 | 0.09334 |
| 421233.28 | 3764448.34 | 0.10693 | 421252.35 | 3764459.04 | 0.10746 |
| 421293.28 | 3764448.34 | 0.11993 | 420737.00 | 3764472.99 | 0.06410 |
| 420820.72 | 3764479.50 | 0.06788 | 420871.79 | 3764475.04 | 0.06859 |
| 420920.72 | 3764479.50 | 0.07041 | 421180.72 | 3764479.50 | 0.08530 |
| 421200.72 | 3764479.50 | 0.08674 | 421260.72 | 3764479.50 | 0.10102 |
| 421280.72 | 3764479.50 | 0.10557 | 420737.00 | 3764492.99 | 0.06094 |
| 420767.69 | 3764492.53 | 0.06261 | 420820.72 | 3764499.50 | 0.06411 |
| 420871.79 | 3764495.04 | 0.06436 | 420920.72 | 3764499.50 | 0.06631 |
| 421114.21 | 3764512.98 | 0.07002 | 421134.21 | 3764512.98 | 0.07189 |
| 421200.72 | 3764499.50 | 0.08121 | 421280.72 | 3764499.50 | 0.09900 |
| 420730.48 | 3764507.70 | 0.05853 | 420767.69 | 3764512.53 | 0.05937 |
| 420820.72 | 3764519.50 | 0.06047 | 420871.79 | 3764515.04 | 0.06068 |
| 420920.72 | 3764519.50 | 0.06215 | 421000.26 | 3764522.29 | 0.06059 |
| 421020.26 | 3764522.29 | 0.06142 | 421040.26 | 3764522.29 | 0.06266 |

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|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 0.06402 | 421080.26 | 3764522.29 | 0.06549 |
| 421200.72 | 3764519.50 | 0.07644 | 421280.72 | 3764519.50 | 0.09298 |
| 420730.48 | 3764527.70 | 0.05590 | 420767.69 | 3764532.53 | 0.05638 |
| 420820.72 | 3764539.50 | 0.05709 | 420860.72 | 3764539.50 | 0.05647 |
| 420920.72 | 3764539.50 | 0.05845 | 420980.72 | 3764539.50 | 0.05678 |
| 421160.72 | 3764539.50 | 0.06903 | 421180.72 | 3764539.50 | 0.07071 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.08749 | 420860.72 | 3764559.50 | 0.05350 |
| 420909.07 | 3764562.58 | 0.05479 | 420980.72 | 3764559.50 | 0.05413 |
| 421040.72 | 3764559.50 | 0.05684 | 421080.72 | 3764559.50 | 0.05963 |
| 421100.72 | 3764559.50 | 0.06088 | 421120.72 | 3764559.50 | 0.06224 |
| 421140.72 | 3764559.50 | 0.06366 | 421160.72 | 3764559.50 | 0.06518 |
| 420960.72 | 3764579.50 | 0.05136 | 421020.72 | 3764579.50 | 0.05334 |
| 420680.84 | 3764330.64 | 0.08926 | 420720.84 | 3764330.64 | 0.09520 |
| 420660.84 | 3764350.64 | 0.08150 | 420692.00 | 3764425.97 | 0.06917 |
| 420720.84 | 3764350.64 | 0.08962 | 420660.84 | 3764370.64 | 0.07678 |
| 420700.84 | 3764370.64 | 0.08140 | 420700.84 | 3764390.64 | 0.07683 |
| 420700.84 | 3764410.64 | 0.07288 | 420680.84 | 3764450.64 | 0.06381 |
| 420680.84 | 3764470.64 | 0.06066 | 420680.84 | 3764490.64 | 0.05780 |
| 420101.08 | 3763674.83 | 0.07721 | 420083.47 | 3763665.61 | 0.07381 |
| 420070.89 | 3763688.25 | 0.06992 | 420083.05 | 3763697.47 | 0.07184 |
| 420043.64 | 3763644.22 | 0.06680 | 420057.47 | 3763625.35 | 0.07043 |
| 420067.12 | 3763611.93 | 0.07319 | 420079.70 | 3763600.61 | 0.07674 |
| 420101.50 | 3763588.45 | 0.08323 | 420107.79 | 3763573.35 | 0.08617 |
| 420119.53 | 3763558.68 | 0.09111 | 420130.02 | 3763541.07 | 0.09647 |
| 420141.76 | 3763528.91 | 0.10243 | 420177.06 | 3763505.07 | 0.12352 |
| 420182.52 | 3763490.53 | 0.12996 | 420189.79 | 3763470.23 | 0.14062 |
| 420205.24 | 3763456.30 | 0.15798 | 420211.91 | 3763443.87 | 0.17027 |
| 420221.30 | 3763427.51 | 0.19140 | 420233.11 | 3763414.79 | 0.22081 |
| 420187.06 | 3763375.10 | 0.16615 | 420174.04 | 3763398.73 | 0.14390 |
| 420159.80 | 3763419.94 | 0.12696 | 420144.65 | 3763435.69 | 0.11492 |
| 420157.37 | 3763449.33 | 0.12082 | 420203.21 | 3763366.33 | 0.19800 |
| 420212.30 | 3763349.37 | 0.22951 | 420110.79 | 3763789.57 | 0.07112 |
| 420095.76 | 3763777.27 | 0.06908 | 420082.79 | 3763760.88 | 0.06773 |
| 420069.13 | 3763754.06 | 0.06570 | 420054.11 | 3763743.13 | 0.06380 |
| 420101.91 | 3763822.34 | 0.06725 | 420083.47 | 3763829.85 | 0.06366 |
| 420062.30 | 3763818.25 | 0.06106 | 420054.11 | 3763806.64 | 0.06047 |
| 420037.04 | 3763795.71 | 0.05857 | 420087.94 | 3763866.45 | 0.06210 |
| 420066.97 | 3763858.48 | 0.05948 | 420049.36 | 3763847.57 | 0.05763 |
| 420032.58 | 3763850.93 | 0.05528 | 420490.31 | 3764285.91 | 0.07361 |
| 420510.31 | 3764285.91 | 0.07639 | 420530.31 | 3764285.91 | 0.07930 |

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|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 0.08233 | 420570.31 | 3764285.91 | 0.08541 |
| 420590.31 | 3764285.91 | 0.08852 | 420610.31 | 3764285.91 | 0.09168 |
| 420390.31 | 3764305.91 | 0.05903 | 420410.31 | 3764305.91 | 0.06105 |
| 420430.31 | 3764305.91 | 0.06324 | 420450.31 | 3764305.91 | 0.06539 |
| 420470.31 | 3764305.91 | 0.06763 | 420490.31 | 3764305.91 | 0.06997 |
| 420510.31 | 3764305.91 | 0.07242 | 420530.31 | 3764305.91 | 0.07498 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 0.07776 | 420570.31 | 3764305.91 | 0.08056 |
| 420590.31 | 3764305.91 | 0.08331 | 420610.31 | 3764305.91 | 0.08599 |
| 420390.31 | 3764325.91 | 0.05660 | 420410.31 | 3764325.91 | 0.05844 |
| 420430.31 | 3764325.91 | 0.06049 | 420450.31 | 3764325.91 | 0.06241 |
| 420470.31 | 3764325.91 | 0.06449 | 420490.31 | 3764325.91 | 0.06663 |
| 420510.31 | 3764325.91 | 0.06881 | 420530.31 | 3764325.91 | 0.07107 |
| 420550.31 | 3764325.91 | 0.07360 | 420570.31 | 3764325.91 | 0.07616 |
| 420590.31 | 3764325.91 | 0.07861 | 420410.31 | 3764345.91 | 0.05616 |
| 420430.31 | 3764345.91 | 0.05787 | 420450.31 | 3764345.91 | 0.05956 |
| 420470.31 | 3764345.91 | 0.06139 | 420490.31 | 3764345.91 | 0.06342 |
| 420510.31 | 3764345.91 | 0.06560 | 420530.31 | 3764345.91 | 0.06765 |
| 420550.31 | 3764345.91 | 0.06985 | 420570.31 | 3764345.91 | 0.07213 |
| 420430.31 | 3764365.91 | 0.05551 | 420450.31 | 3764365.91 | 0.05706 |
| 420470.31 | 3764365.91 | 0.05869 | 420490.31 | 3764365.91 | 0.06050 |
| 420510.31 | 3764365.91 | 0.06249 | 420530.31 | 3764365.91 | 0.06453 |
| 420550.31 | 3764365.91 | 0.06648 | 420570.31 | 3764365.91 | 0.06841 |
| 420450.31 | 3764385.91 | 0.05483 | 420470.31 | 3764385.91 | 0.05629 |
| 420490.31 | 3764385.91 | 0.05783 | 420510.31 | 3764385.91 | 0.05955 |
| 420530.31 | 3764385.91 | 0.06163 | 420550.31 | 3764385.91 | 0.06340 |
| 420470.31 | 3764405.91 | 0.05404 | 420490.31 | 3764405.91 | 0.05547 |
| 420510.31 | 3764405.91 | 0.05701 | 420530.31 | 3764405.91 | 0.05873 |
| 420490.31 | 3764425.91 | 0.05321 | 420510.31 | 3764425.91 | 0.05454 |
| 420504.61 | 3764167.94 | 0.10731 | 420511.08 | 3764158.02 | 0.11278 |
| 420524.44 | 3764147.67 | 0.12113 | 420535.23 | 3764136.03 | 0.13004 |
| 420493.83 | 3764108.43 | 0.12719 | 420483.05 | 3764124.38 | 0.11665 |
| 420469.25 | 3764140.34 | 0.10664 | 420454.16 | 3764160.60 | 0.09652 |
| 420443.38 | 3764173.11 | 0.09078 | 420427.85 | 3764193.38 | 0.08275 |
| 420417.51 | 3764210.62 | 0.07739 | 420405.86 | 3764224.42 | 0.07292 |
| 420389.91 | 3764241.24 | 0.06796 | 420379.13 | 3764258.92 | 0.06398 |
| 420362.74 | 3764275.31 | 0.06000 | 420351.10 | 3764286.95 | 0.05738 |
| 420518.84 | 3764071.76 | 0.15866 | 420534.99 | 3764080.89 | 0.16147 |
| 420548.34 | 3764092.83 | 0.16065 | 420571.51 | 3764110.38 | 0.16000 |
| 420591.17 | 3764123.02 | 0.16163 | 420605.91 | 3764135.66 | 0.15956 |
| 420622.06 | 3764145.49 | 0.16014 | 420640.32 | 3764160.23 | 0.15836 |

| | | | | | |
|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 0.12910 | 420580.63 | 3764167.96 | 0.13012 |
| 420565.89 | 3764182.00 | 0.11926 | 420553.95 | 3764191.13 | 0.11224 |
| 420597.49 | 3764203.77 | 0.11878 | 420591.87 | 3764223.43 | 0.10947 |
| 420539.91 | 3764200.26 | 0.10519 | 420606.61 | 3764240.98 | 0.10632 |
| 420629.08 | 3764250.81 | 0.10769 | 420648.74 | 3764238.87 | 0.11676 |
| 420651.55 | 3764222.73 | 0.12515 | 420660.68 | 3764207.98 | 0.13536 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 , L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 0.14508 | 420681.74 | 3764181.30 | 0.16092 |
| 420712.64 | 3764215.70 | 0.14672 | 420695.09 | 3764229.75 | 0.13271 |
| 420732.30 | 3764227.64 | 0.14513 | 420747.05 | 3764238.17 | 0.14302 |
| 420767.41 | 3764245.19 | 0.14471 | 420681.04 | 3764247.30 | 0.12002 |
| 420668.40 | 3764264.85 | 0.10950 | 420655.06 | 3764283.11 | 0.10009 |
| 420641.02 | 3764297.86 | 0.09294 | 420638.21 | 3764314.71 | 0.08779 |
| 420629.08 | 3764330.86 | 0.08241 | 420619.25 | 3764349.11 | 0.07702 |
| 420605.91 | 3764381.41 | 0.06905 | 420599.59 | 3764395.46 | 0.06608 |
| 420572.91 | 3764397.56 | 0.06337 | 420563.78 | 3764415.82 | 0.05992 |
| 420537.80 | 3764434.78 | 0.05511 | 420556.76 | 3764436.18 | 0.05611 |
| 420575.72 | 3764441.10 | 0.05656 | 420589.76 | 3764450.93 | 0.05627 |
| 420638.21 | 3764481.82 | 0.05574 | 420641.02 | 3764463.56 | 0.05851 |
| 420648.74 | 3764446.01 | 0.06167 | 420652.96 | 3764423.54 | 0.06577 |
| 420652.96 | 3764410.90 | 0.06808 | 420650.85 | 3764387.03 | 0.07246 |
| 420295.36 | 3764152.91 | 0.06720 | 420331.87 | 3764188.02 | 0.06780 |
| 420353.64 | 3764208.38 | 0.06778 | 420339.59 | 3764226.64 | 0.06344 |
| 420327.66 | 3764237.87 | 0.06058 | 420317.83 | 3764252.62 | 0.05783 |
| 420300.27 | 3764231.55 | 0.05819 | 420285.53 | 3764216.81 | 0.05818 |
| 420271.48 | 3764206.28 | 0.05766 | 420260.25 | 3764195.04 | 0.05755 |
| 420283.42 | 3764171.17 | 0.06329 | 420972.38 | 3763271.71 | 1.88629 |
| 420913.80 | 3763329.33 | 1.97819 | 420955.88 | 3763316.14 | 1.40351 |
| 421011.82 | 3763312.84 | 0.66474 | 420869.05 | 3763382.67 | 1.46949 |
| 420913.80 | 3763379.33 | 1.35661 | 420955.88 | 3763366.14 | 0.86883 |
| 421011.82 | 3763362.84 | 0.53266 | 420906.65 | 3763419.80 | 1.03660 High School |
| 420955.88 | 3763416.14 | 0.66728 | 421011.82 | 3763412.84 | 0.46527 |
| 421009.84 | 3763454.26 | 0.44187 | 420679.66 | 3764117.07 | 0.24387 |
| 420692.12 | 3764098.22 | 0.28847 | 420703.14 | 3764099.09 | 0.30014 Residential |
| 420702.56 | 3764144.04 | 0.22538 | | | |

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

*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| GROUP ID | | AVERAGE CONC | | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | | | | | OF TYPE | NETWORK GRID-ID |
|---|---|---|---|---|---|---|---|---|---|---|
| ONSITE | 1ST HIGHEST VALUE IS | 0.43488 | AT ( | 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 0.41653 | AT ( | 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 0.34975 | AT ( | 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 0.32389 | AT ( | 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 0.24356 | AT ( | 420681.74, | 3764181.30, | 163.31, | 163.31, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 0.23951 | AT ( | 420622.06, | 3764145.49, | 163.89, | 163.89, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.23944 | AT ( | 420591.17, | 3764123.02, | 163.84, | 163.84, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.23747 | AT ( | 420640.32, | 3764160.23, | 163.53, | 163.53, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 0.23743 | AT ( | 420605.91, | 3764135.66, | 163.95, | 163.95, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 0.23731 | AT ( | 421163.29, | 3764310.49, | 166.25, | 196.15, | 0.00) | DC | |
| OFFSITE | 1ST HIGHEST VALUE IS | 1.97819 | AT ( | 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 1.88629 | AT ( | 420972.38, | 3763271.71, | 160.33, | 160.33, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 1.46949 | AT ( | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 1.40351 | AT ( | 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 1.35661 | AT ( | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 1.03660 | AT ( | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 0.86883 | AT ( | 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 0.66728 | AT ( | 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 0.66474 | AT ( | 421011.82, | 3763312.84, | 160.77, | 160.77, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 0.53266 | AT ( | 421011.82, | 3763362.84, | 160.32, | 160.32, | 0.00) | DC | |

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1684 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 75 Calm Hours Identified

A Total of 1609 Missing Hours Identified ( 3.67 Percent)

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

******** WARNING MESSAGES ********
ME W186 1975 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1975 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

**********
*** AERMOD Finishes Successfully ***
**********

# Control Pathway



## Dispersion Options

**Titles**

COW-05 Construction HRA
Walnut, CA

**Dispersion Options**

☑ Regulatory Default ☐ Non-Default Options

**Dispersion Coefficient**

Urban

Population:
Name (Optional):
Roughness Length:

**Output Type**

☑ Concentration
☐ Total Deposition (Dry & Wet)
☐ Dry Deposition
☐ Wet Deposition

**Plume Depletion**

☐ Dry Removal
☐ Wet Removal

**Output Warnings**

☐ No Output Warnings
☐ Non-fatal Warnings for Non-sequential Met Data

## Pollutant / Averaging Time / Terrain Options

**Pollutant Type**

**Averaging Time Options**

Hours ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24

☐ Month ☑ Period ☐ Annual

**Exponential Decay**

Half-life of 4 hrs will be used

**Terrain Height Options**

☐ Flat ☑ Elevated

SO: Meters
RE: Meters
TG: Meters

**Flagpole Receptors**

☑ Yes ☐ No

Default Height = 0.00 m

# Control Pathway



## Optional Files

| Re-Start File | Init File | Multi-Year Analyses | Event Input File | Error Listing File |
|---|---|---|---|---|
| ☐ | ☐ | ☐ | ☐ | ■ |

### Detailed Error Listing File

Filename: COW-05.err

# Source Pathway - Source Inputs



### Polygon Area Sources

**Source Type:** AREA POLY

**Source:** 1 (Onsite)

| Base Elevation (Optional) | Release Height [m] | Emission Rate [g/ (s-m^2)] | Initial Vertical Dim. [m] | Number of Vertices (or sides) | X Coordinate for Vertices [m] | Y Coordinate for Vertices [m] |
|---|---|---|---|---|---|---|
| 161.10 | 4.15 | 8.66E-6 | 1.93 | 26 | 420551.23 | 3763793.86 |
| | | 8.66E-6 | | | 420851.02 | 3763995.19 |
| | | 8.66E-6 | | | 420879.15 | 3764014.53 |
| | | 8.66E-6 | | | 421008.39 | 3764045.30 |
| | | 8.66E-6 | | | 421030.37 | 3764046.18 |
| | | 8.66E-6 | | | 421025.09 | 3763828.15 |
| | | 8.66E-6 | | | 420777.56 | 3763654.48 |
| | | 8.66E-6 | | | 420783.73 | 3763647.37 |
| | | 8.66E-6 | | | 420775.55 | 3763640.11 |
| | | 8.66E-6 | | | 420764.63 | 3763628.21 |
| | | 8.66E-6 | | | 420715.79 | 3763584.90 |
| | | 8.66E-6 | | | 420682.77 | 3763561.65 |
| | | 8.66E-6 | | | 420651.92 | 3763539.43 |
| | | 8.66E-6 | | | 420623.79 | 3763520.69 |
| | | 8.66E-6 | | | 420617.39 | 3763528.31 |
| | | 8.66E-6 | | | 420646.43 | 3763547.37 |
| | | 8.66E-6 | | | 420675.71 | 3763569.05 |
| | | 8.66E-6 | | | 420678.03 | 3763572.82 |
| | | 8.66E-6 | | | 420678.52 | 3763577.10 |
| | | 8.66E-6 | | | 420677.95 | 3763580.37 |
| | | 8.66E-6 | | | 420670.97 | 3763589.66 |
| | | 8.66E-6 | | | 420681.54 | 3763598.27 |
| | | 8.66E-6 | | | 420687.78 | 3763590.40 |
| | | 8.66E-6 | | | 420688.99 | 3763591.51 |
| | | 8.66E-6 | | | 420677.61 | 3763606.51 |
| | | 8.66E-6 | | | 420686.00 | 3763613.30 |

# Source Pathway - Source Inputs



## Line Volume Sources

**Source Type:** LINE VOLUME
**Source:** 2 (Offsite Haul 1)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 25.48 | 0.59000 | | 420283.19 | 3763291.38 | 157.64 | 4.15 |
| | | | 421004.40 | 3763796.52 | 160.91 | 4.15 |
| | | | 421112.43 | 3763856.37 | 161.64 | 4.15 |
| | | | 421482.97 | 3764172.03 | 165.48 | 4.15 |
| | | | 421569.10 | 3764250.86 | 166.64 | 4.15 |
| | | | 421753.06 | 3764383.72 | 168.84 | 4.15 |
| | | | 421834.82 | 3764431.90 | 169.55 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** 3 (Offsite Haul 2)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 25.48 | 0.41000 | | 421026.43 | 3764055.21 | 162.10 | 4.15 |
| | | | 420994.90 | 3764050.31 | 161.84 | 4.15 |
| | | | 420876.65 | 3764021.24 | 161.19 | 4.15 |
| | | | 420539.78 | 3763794.52 | 161.25 | 4.15 |
| | | | 420944.66 | 3763256.77 | 160.06 | 4.15 |
| | | | 420994.14 | 3763163.18 | 160.66 | 4.15 |

# Source Pathway - Source Inputs



### Volume Sources Generated from Line Sources

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | L0000238 | 420293.63 | 3763298.69 | 157.61 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000239 | 420314.50 | 3763313.31 | 157.51 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000240 | 420335.37 | 3763327.92 | 157.62 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000241 | 420356.24 | 3763342.54 | 157.41 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000242 | 420377.11 | 3763357.16 | 157.26 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000243 | 420397.98 | 3763371.78 | 157.35 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000244 | 420418.85 | 3763386.39 | 157.21 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000245 | 420439.72 | 3763401.01 | 157.53 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000246 | 420460.59 | 3763415.63 | 157.82 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000247 | 420481.46 | 3763430.25 | 157.69 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000248 | 420502.33 | 3763444.86 | 158.18 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000249 | 420523.20 | 3763459.48 | 157.94 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000250 | 420544.07 | 3763474.10 | 158.51 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000251 | 420564.94 | 3763488.72 | 158.63 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000252 | 420585.81 | 3763503.33 | 158.51 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000253 | 420606.68 | 3763517.95 | 158.54 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000254 | 420627.55 | 3763532.57 | 158.90 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000255 | 420648.42 | 3763547.19 | 158.74 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000256 | 420669.29 | 3763561.80 | 158.90 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000257 | 420690.16 | 3763576.42 | 159.05 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000258 | 420711.03 | 3763591.04 | 159.33 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000259 | 420731.90 | 3763605.66 | 159.08 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000260 | 420752.77 | 3763620.27 | 159.48 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000261 | 420773.64 | 3763634.89 | 159.58 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | L0000262 | 420794.51 | 3763649.51 | 159.69 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000263 | 420815.38 | 3763664.12 | 159.64 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000264 | 420836.25 | 3763678.74 | 159.91 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000265 | 420857.12 | 3763693.36 | 159.93 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000266 | 420877.99 | 3763707.98 | 160.13 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000267 | 420898.86 | 3763722.59 | 160.44 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000268 | 420919.73 | 3763737.21 | 160.66 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000269 | 420940.60 | 3763751.83 | 160.44 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000270 | 420961.47 | 3763766.45 | 160.73 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000271 | 420982.34 | 3763781.06 | 160.77 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000272 | 421003.21 | 3763795.68 | 160.87 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000273 | 421025.42 | 3763808.16 | 161.12 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000274 | 421047.70 | 3763820.51 | 161.27 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000275 | 421069.99 | 3763832.86 | 161.45 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000276 | 421092.28 | 3763845.21 | 161.47 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000277 | 421114.29 | 3763857.95 | 161.63 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000278 | 421133.69 | 3763874.48 | 161.83 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000279 | 421153.08 | 3763891.00 | 161.88 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000280 | 421172.48 | 3763907.52 | 161.94 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000281 | 421191.88 | 3763924.05 | 162.15 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000282 | 421211.27 | 3763940.57 | 162.62 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000283 | 421230.67 | 3763957.09 | 162.61 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000284 | 421250.06 | 3763973.62 | 162.58 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000285 | 421269.46 | 3763990.14 | 162.90 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000286 | 421288.86 | 3764006.66 | 163.18 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | L0000287 | 421308.25 | 3764023.19 | 163.41 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000288 | 421327.65 | 3764039.71 | 163.53 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000289 | 421347.04 | 3764056.23 | 163.69 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000290 | 421366.44 | 3764072.76 | 164.00 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000291 | 421385.84 | 3764089.28 | 164.34 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000292 | 421405.23 | 3764105.80 | 164.60 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000293 | 421424.63 | 3764122.33 | 164.75 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000294 | 421444.02 | 3764138.85 | 164.96 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000295 | 421463.42 | 3764155.38 | 165.18 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000296 | 421482.82 | 3764171.90 | 165.52 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000297 | 421501.62 | 3764189.10 | 165.80 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000298 | 421520.41 | 3764206.30 | 166.08 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000299 | 421539.21 | 3764223.50 | 166.34 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000300 | 421558.00 | 3764240.71 | 166.49 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000301 | 421577.56 | 3764256.97 | 166.83 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000302 | 421598.22 | 3764271.89 | 167.25 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000303 | 421618.87 | 3764286.81 | 167.34 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000304 | 421639.53 | 3764301.73 | 167.51 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000305 | 421660.19 | 3764316.65 | 167.83 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000306 | 421680.84 | 3764331.56 | 168.40 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000307 | 421701.50 | 3764346.48 | 168.56 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000308 | 421722.16 | 3764361.40 | 168.58 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000309 | 421742.81 | 3764376.32 | 169.04 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000310 | 421764.12 | 3764390.24 | 168.77 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000311 | 421786.07 | 3764403.17 | 169.18 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | L0000312 | 421808.02 | 3764416.11 | 169.16 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |
| | L0000313 | 421829.98 | 3764429.05 | 169.45 | 4.15 | 0.00776 | 25.48 | | 11.85 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | L0000314 | 421013.84 | 3764053.26 | 162.13 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000315 | 420988.77 | 3764048.81 | 161.81 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000316 | 420964.03 | 3764042.72 | 161.30 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000317 | 420939.28 | 3764036.64 | 161.13 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000318 | 420914.54 | 3764030.56 | 161.25 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000319 | 420889.80 | 3764024.48 | 161.50 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000320 | 420866.74 | 3764014.58 | 160.87 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000321 | 420845.60 | 3764000.35 | 160.62 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000322 | 420824.46 | 3763986.13 | 160.50 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000323 | 420803.33 | 3763971.90 | 160.87 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000324 | 420782.19 | 3763957.67 | 161.05 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000325 | 420761.05 | 3763943.44 | 160.70 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000326 | 420739.91 | 3763929.22 | 160.63 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000327 | 420718.77 | 3763914.99 | 160.55 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000328 | 420697.64 | 3763900.76 | 160.74 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000329 | 420676.50 | 3763886.54 | 160.83 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000330 | 420655.36 | 3763872.31 | 161.24 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000331 | 420634.22 | 3763858.08 | 161.05 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000332 | 420613.08 | 3763843.86 | 161.21 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000333 | 420591.94 | 3763829.63 | 161.22 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000334 | 420570.81 | 3763815.40 | 161.36 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | L0000335 | 420549.67 | 3763801.18 | 161.15 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000336 | 420547.94 | 3763783.69 | 161.14 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000337 | 420563.27 | 3763763.33 | 161.25 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000338 | 420578.59 | 3763742.98 | 161.14 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000339 | 420593.92 | 3763722.62 | 160.95 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000340 | 420609.24 | 3763702.26 | 160.66 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000341 | 420624.57 | 3763681.91 | 160.44 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000342 | 420639.90 | 3763661.55 | 160.25 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000343 | 420655.22 | 3763641.20 | 159.97 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000344 | 420670.55 | 3763620.84 | 159.64 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000345 | 420685.87 | 3763600.49 | 159.33 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000346 | 420701.20 | 3763580.13 | 159.13 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000347 | 420716.53 | 3763559.77 | 159.65 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000348 | 420731.85 | 3763539.42 | 159.70 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000349 | 420747.18 | 3763519.06 | 155.16 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000350 | 420762.50 | 3763498.71 | 158.06 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000351 | 420777.83 | 3763478.35 | 159.44 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000352 | 420793.15 | 3763458.00 | 159.29 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000353 | 420808.48 | 3763437.64 | 159.13 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000354 | 420823.81 | 3763417.29 | 159.17 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000355 | 420839.13 | 3763396.93 | 159.26 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000356 | 420854.46 | 3763376.57 | 159.43 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000357 | 420869.78 | 3763356.22 | 159.75 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000358 | 420885.11 | 3763335.86 | 159.75 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000359 | 420900.43 | 3763315.51 | 159.86 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | L0000360 | 420915.76 | 3763295.15 | 159.84 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000361 | 420931.09 | 3763274.80 | 159.91 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000362 | 420946.02 | 3763254.19 | 160.06 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000363 | 420957.93 | 3763231.67 | 160.05 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000364 | 420969.84 | 3763209.14 | 160.19 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000365 | 420981.75 | 3763186.62 | 160.54 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |
| | L0000366 | 420993.66 | 3763164.09 | 160.71 | 4.15 | 0.00774 | 25.48 | | 11.85 | 3.26 |

# Source Pathway



## Building Downwash Information

Option not in use

## Emission Rate Units for Output

**For Concentration**

| | |
|---|---|
| Unit Factor: | 1E6 |
| Emission Unit Label: | GRAMS/SEC |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Source Groups

| Source Group ID: Onsite | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | 1 |

| Source Group ID: Offsite | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | 2 |
| | 3 |

## Variable Emissions

## Hour-of-Day / Day-of-Week Emission Rate Variation

**Scenario: Work Hours**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Source ID:** | **1** | | | | | | | |
| **Weekdays** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 |
| | 13 - 18 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Saturday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Sunday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Source ID:** | **2** | | | | | | | |
| **Weekdays** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 |
| | 13 - 18 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Saturday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Sunday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Source ID:** | **3** | | | | | | | |
| **Weekdays** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 |
| | 13 - 18 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Saturday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Sunday** | | | | | | | | |
| Hour of Day | 1 - 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7 - 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 13 - 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 19 - 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# Receptor Pathway



## Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | X-Coordinate [m] | Y-Coordinate [m] | Group Name (Optional) | Terrain Elevations | Flagpole Heights [m] (Optional) |
|---|---|---|---|---|---|
| 1 | 420162.22 | 3763820.99 | | 163.16 | |
| 2 | 420180.57 | 3763830.04 | | 163.61 | |
| 3 | 420200.57 | 3763830.04 | | 163.70 | |
| 4 | 420200.57 | 3763850.04 | | 163.62 | |
| 5 | 420220.57 | 3763850.04 | | 163.74 | |
| 6 | 420240.57 | 3763850.04 | | 163.55 | |
| 7 | 420160.57 | 3763870.04 | | 163.87 | |
| 8 | 420180.57 | 3763870.04 | | 163.78 | |
| 9 | 420220.57 | 3763870.04 | | 163.83 | |
| 10 | 420240.57 | 3763870.04 | | 163.97 | |
| 11 | 420260.57 | 3763870.04 | | 163.78 | |
| 12 | 420160.57 | 3763890.04 | | 164.10 | |
| 13 | 420200.57 | 3763890.04 | | 163.91 | |
| 14 | 420260.57 | 3763890.04 | | 163.88 | |
| 15 | 420280.57 | 3763890.04 | | 164.18 | |
| 16 | 420140.57 | 3763910.04 | | 163.92 | |
| 17 | 420200.57 | 3763910.04 | | 164.42 | |
| 18 | 420220.57 | 3763910.04 | | 163.98 | |
| 19 | 420280.57 | 3763910.04 | | 164.04 | |
| 20 | 420300.57 | 3763910.04 | | 164.23 | |
| 21 | 420160.57 | 3763930.04 | | 164.54 | |
| 22 | 420180.57 | 3763930.04 | | 164.82 | |
| 23 | 420220.57 | 3763930.04 | | 164.44 | |
| 24 | 420240.57 | 3763930.04 | | 164.38 | |
| 25 | 420260.57 | 3763930.04 | | 164.00 | |
| 26 | 420320.57 | 3763930.04 | | 164.44 | |
| 27 | 420340.57 | 3763930.04 | | 164.53 | |
| 28 | 420120.57 | 3763950.04 | | 164.74 | |
| 29 | 420140.57 | 3763950.04 | | 164.84 | |
| 30 | 420200.57 | 3763950.04 | | 164.78 | |

| | | | |
|---|---|---|---|
| 31 | 420220.57 | 3763950.04 | 164.90 |
| 32 | 420260.57 | 3763950.04 | 164.50 |
| 33 | 420280.57 | 3763950.04 | 164.27 |
| 34 | 420340.57 | 3763950.04 | 164.42 |
| 35 | 420360.57 | 3763950.04 | 164.41 |
| 36 | 420120.57 | 3763970.04 | 165.02 |
| 37 | 420140.57 | 3763970.04 | 165.15 |
| 38 | 420160.57 | 3763970.04 | 164.78 |
| 39 | 420240.57 | 3763970.04 | 165.04 |
| 40 | 420300.57 | 3763970.04 | 164.39 |
| 41 | 420340.57 | 3763970.04 | 164.45 |
| 42 | 420360.57 | 3763970.04 | 164.38 |
| 43 | 420100.57 | 3763990.04 | 164.83 |
| 44 | 420120.57 | 3763990.04 | 165.10 |
| 45 | 420160.57 | 3763990.04 | 165.17 |
| 46 | 420180.57 | 3763990.04 | 164.78 |
| 47 | 420240.57 | 3763990.04 | 165.00 |
| 48 | 420260.57 | 3763990.04 | 165.23 |
| 49 | 420280.57 | 3763990.04 | 165.02 |
| 50 | 420340.57 | 3763990.04 | 164.49 |
| 51 | 420120.57 | 3764010.04 | 165.16 |
| 52 | 420140.57 | 3764010.04 | 165.32 |
| 53 | 420160.57 | 3764010.04 | 164.93 |
| 54 | 420200.57 | 3764010.04 | 164.87 |
| 55 | 420220.57 | 3764010.04 | 164.96 |
| 56 | 420280.57 | 3764010.04 | 164.94 |
| 57 | 420320.57 | 3764010.04 | 164.74 |
| 58 | 420400.57 | 3764010.04 | 164.85 |
| 59 | 420420.57 | 3764010.04 | 164.82 |
| 60 | 420440.57 | 3764010.04 | 164.80 |
| 61 | 420180.57 | 3764030.04 | 165.10 |
| 62 | 420200.57 | 3764030.04 | 165.31 |
| 63 | 420240.57 | 3764030.04 | 164.97 |
| 64 | 420300.57 | 3764030.04 | 164.68 |
| 65 | 420320.57 | 3764030.04 | 164.82 |
| 66 | 420400.57 | 3764030.04 | 164.95 |
| 67 | 420440.57 | 3764030.04 | 164.77 |
| 68 | 420460.57 | 3764030.04 | 164.56 |

| | | | |
|---|---|---|---|
| 69 | 420180.57 | 3764050.04 | 165.61 |
| 70 | 420200.57 | 3764050.04 | 165.71 |
| 71 | 420240.57 | 3764050.04 | 165.39 |
| 72 | 420280.57 | 3764050.04 | 164.97 |
| 73 | 420380.57 | 3764050.04 | 165.19 |
| 74 | 420480.57 | 3764050.04 | 164.50 |
| 75 | 420200.57 | 3764070.04 | 165.75 |
| 76 | 420220.57 | 3764070.04 | 165.45 |
| 77 | 420260.57 | 3764070.04 | 165.21 |
| 78 | 420280.57 | 3764070.04 | 165.39 |
| 79 | 420360.57 | 3764070.04 | 165.17 |
| 80 | 420420.57 | 3764070.04 | 164.95 |
| 81 | 420440.57 | 3764070.04 | 164.88 |
| 82 | 420260.57 | 3764090.04 | 165.56 |
| 83 | 420340.57 | 3764090.04 | 165.42 |
| 84 | 420400.57 | 3764090.04 | 165.04 |
| 85 | 420420.57 | 3764090.04 | 165.11 |
| 86 | 420440.57 | 3764090.04 | 164.96 |
| 87 | 420460.57 | 3764090.04 | 164.56 |
| 88 | 420260.57 | 3764110.04 | 166.06 |
| 89 | 420340.57 | 3764110.04 | 165.59 |
| 90 | 420400.57 | 3764110.04 | 165.32 |
| 91 | 420420.57 | 3764110.04 | 165.15 |
| 92 | 420440.57 | 3764110.04 | 164.88 |
| 93 | 420320.57 | 3764130.04 | 166.07 |
| 94 | 420380.57 | 3764130.04 | 165.51 |
| 95 | 420400.57 | 3764130.04 | 165.43 |
| 96 | 420420.57 | 3764130.04 | 165.11 |
| 97 | 420360.57 | 3764150.04 | 165.71 |
| 98 | 420400.57 | 3764150.04 | 165.51 |
| 99 | 420340.57 | 3764170.04 | 166.05 |
| 100 | 420380.57 | 3764170.04 | 165.85 |
| 101 | 420400.57 | 3764170.04 | 165.55 |
| 102 | 420380.57 | 3764190.04 | 165.96 |
| 103 | 420714.65 | 3764272.44 | 163.71 |
| 104 | 420734.65 | 3764284.40 | 163.76 |
| 105 | 420754.65 | 3764284.40 | 163.57 |
| 106 | 420280.59 | 3763433.11 | 159.08 |

| | | | |
|---|---|---|---|
| 107 | 420260.59 | 3763453.11 | 159.39 |
| 108 | 420260.59 | 3763473.11 | 159.77 |
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| 493 | 420510.31 | 3764225.91 | 165.15 | |
| 494 | 420530.31 | 3764225.91 | 164.88 | |
| 495 | 420550.31 | 3764225.91 | 164.81 | |
| 496 | 420410.31 | 3764245.91 | 166.28 | |
| 497 | 420430.31 | 3764245.91 | 165.99 | |
| 498 | 420450.31 | 3764245.91 | 165.86 | |
| 499 | 420470.31 | 3764245.91 | 165.70 | |
| 500 | 420490.31 | 3764245.91 | 165.58 | |
| 501 | 420510.31 | 3764245.91 | 165.43 | |
| 502 | 420530.31 | 3764245.91 | 165.13 | |
| 503 | 420550.31 | 3764245.91 | 165.02 | |
| 504 | 420570.31 | 3764245.91 | 164.75 | |
| 505 | 420410.31 | 3764265.91 | 166.36 | |
| 506 | 420430.31 | 3764265.91 | 166.22 | |
| 507 | 420450.31 | 3764265.91 | 166.07 | |
| 508 | 420470.31 | 3764265.91 | 165.96 | |
| 509 | 420490.31 | 3764265.91 | 165.87 | |
| 510 | 420510.31 | 3764265.91 | 165.72 | |
| 511 | 420530.31 | 3764265.91 | 165.38 | |
| 512 | 420550.31 | 3764265.91 | 165.21 | |
| 513 | 420570.31 | 3764265.91 | 165.07 | |
| 514 | 420590.31 | 3764265.91 | 164.84 | |
| 515 | 420610.31 | 3764265.91 | 164.50 | |
| 516 | 420390.31 | 3764285.91 | 166.76 | |
| 517 | 420410.31 | 3764285.91 | 166.59 | |
| 518 | 420430.31 | 3764285.91 | 166.43 | |
| 519 | 420450.31 | 3764285.91 | 166.33 | |
| 520 | 420470.31 | 3764285.91 | 166.35 | |
| 521 | 420162.22 | 3763820.99 | 163.16 | 6.10 |
| 522 | 420180.57 | 3763830.04 | 163.61 | 6.10 |
| 523 | 420200.57 | 3763830.04 | 163.70 | 6.10 |
| 524 | 420200.57 | 3763850.04 | 163.62 | 6.10 |

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| 525 | 420220.57 | 3763850.04 | 163.74 | 6.10 |
| 526 | 420240.57 | 3763850.04 | 163.55 | 6.10 |
| 527 | 420160.57 | 3763870.04 | 163.87 | 6.10 |
| 528 | 420180.57 | 3763870.04 | 163.78 | 6.10 |
| 529 | 420220.57 | 3763870.04 | 163.83 | 6.10 |
| 530 | 420240.57 | 3763870.04 | 163.97 | 6.10 |
| 531 | 420260.57 | 3763870.04 | 163.78 | 6.10 |
| 532 | 420160.57 | 3763890.04 | 164.10 | 6.10 |
| 533 | 420200.57 | 3763890.04 | 163.91 | 6.10 |
| 534 | 420260.57 | 3763890.04 | 163.88 | 6.10 |
| 535 | 420280.57 | 3763890.04 | 164.18 | 6.10 |
| 536 | 420140.57 | 3763910.04 | 163.92 | 6.10 |
| 537 | 420200.57 | 3763910.04 | 164.42 | 6.10 |
| 538 | 420220.57 | 3763910.04 | 163.98 | 6.10 |
| 539 | 420280.57 | 3763910.04 | 164.04 | 6.10 |
| 540 | 420300.57 | 3763910.04 | 164.23 | 6.10 |
| 541 | 420160.57 | 3763930.04 | 164.54 | 6.10 |
| 542 | 420180.57 | 3763930.04 | 164.82 | 6.10 |
| 543 | 420220.57 | 3763930.04 | 164.44 | 6.10 |
| 544 | 420240.57 | 3763930.04 | 164.38 | 6.10 |
| 545 | 420260.57 | 3763930.04 | 164.00 | 6.10 |
| 546 | 420320.57 | 3763930.04 | 164.44 | 6.10 |
| 547 | 420340.57 | 3763930.04 | 164.53 | 6.10 |
| 548 | 420120.57 | 3763950.04 | 164.74 | 6.10 |
| 549 | 420140.57 | 3763950.04 | 164.84 | 6.10 |
| 550 | 420200.57 | 3763950.04 | 164.78 | 6.10 |
| 551 | 420220.57 | 3763950.04 | 164.90 | 6.10 |
| 552 | 420260.57 | 3763950.04 | 164.50 | 6.10 |
| 553 | 420280.57 | 3763950.04 | 164.27 | 6.10 |
| 554 | 420340.57 | 3763950.04 | 164.42 | 6.10 |
| 555 | 420360.57 | 3763950.04 | 164.41 | 6.10 |
| 556 | 420120.57 | 3763970.04 | 165.02 | 6.10 |
| 557 | 420140.57 | 3763970.04 | 165.15 | 6.10 |
| 558 | 420160.57 | 3763970.04 | 164.78 | 6.10 |
| 559 | 420240.57 | 3763970.04 | 165.04 | 6.10 |
| 560 | 420300.57 | 3763970.04 | 164.39 | 6.10 |
| 561 | 420340.57 | 3763970.04 | 164.45 | 6.10 |
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| 563 | 420100.57 | 3763990.04 | 164.83 | 6.10 |
| 564 | 420120.57 | 3763990.04 | 165.10 | 6.10 |
| 565 | 420160.57 | 3763990.04 | 165.17 | 6.10 |
| 566 | 420180.57 | 3763990.04 | 164.78 | 6.10 |
| 567 | 420240.57 | 3763990.04 | 165.00 | 6.10 |
| 568 | 420260.57 | 3763990.04 | 165.23 | 6.10 |
| 569 | 420280.57 | 3763990.04 | 165.02 | 6.10 |
| 570 | 420340.57 | 3763990.04 | 164.49 | 6.10 |
| 571 | 420120.57 | 3764010.04 | 165.16 | 6.10 |
| 572 | 420140.57 | 3764010.04 | 165.32 | 6.10 |
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| 574 | 420200.57 | 3764010.04 | 164.87 | 6.10 |
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| 576 | 420280.57 | 3764010.04 | 164.94 | 6.10 |
| 577 | 420320.57 | 3764010.04 | 164.74 | 6.10 |
| 578 | 420400.57 | 3764010.04 | 164.85 | 6.10 |
| 579 | 420420.57 | 3764010.04 | 164.82 | 6.10 |
| 580 | 420440.57 | 3764010.04 | 164.80 | 6.10 |
| 581 | 420180.57 | 3764030.04 | 165.10 | 6.10 |
| 582 | 420200.57 | 3764030.04 | 165.31 | 6.10 |
| 583 | 420240.57 | 3764030.04 | 164.97 | 6.10 |
| 584 | 420300.57 | 3764030.04 | 164.68 | 6.10 |
| 585 | 420320.57 | 3764030.04 | 164.82 | 6.10 |
| 586 | 420400.57 | 3764030.04 | 164.95 | 6.10 |
| 587 | 420440.57 | 3764030.04 | 164.77 | 6.10 |
| 588 | 420460.57 | 3764030.04 | 164.56 | 6.10 |
| 589 | 420180.57 | 3764050.04 | 165.61 | 6.10 |
| 590 | 420200.57 | 3764050.04 | 165.71 | 6.10 |
| 591 | 420240.57 | 3764050.04 | 165.39 | 6.10 |
| 592 | 420280.57 | 3764050.04 | 164.97 | 6.10 |
| 593 | 420380.57 | 3764050.04 | 165.19 | 6.10 |
| 594 | 420480.57 | 3764050.04 | 164.50 | 6.10 |
| 595 | 420200.57 | 3764070.04 | 165.75 | 6.10 |
| 596 | 420220.57 | 3764070.04 | 165.45 | 6.10 |
| 597 | 420260.57 | 3764070.04 | 165.21 | 6.10 |
| 598 | 420280.57 | 3764070.04 | 165.39 | 6.10 |
| 599 | 420360.57 | 3764070.04 | 165.17 | 6.10 |
| 600 | 420420.57 | 3764070.04 | 164.95 | 6.10 |

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| 601 | 420440.57 | 3764070.04 | 164.88 | 6.10 |
| 602 | 420260.57 | 3764090.04 | 165.56 | 6.10 |
| 603 | 420340.57 | 3764090.04 | 165.42 | 6.10 |
| 604 | 420400.57 | 3764090.04 | 165.04 | 6.10 |
| 605 | 420420.57 | 3764090.04 | 165.11 | 6.10 |
| 606 | 420440.57 | 3764090.04 | 164.96 | 6.10 |
| 607 | 420460.57 | 3764090.04 | 164.56 | 6.10 |
| 608 | 420260.57 | 3764110.04 | 166.06 | 6.10 |
| 609 | 420340.57 | 3764110.04 | 165.59 | 6.10 |
| 610 | 420400.57 | 3764110.04 | 165.32 | 6.10 |
| 611 | 420420.57 | 3764110.04 | 165.15 | 6.10 |
| 612 | 420440.57 | 3764110.04 | 164.88 | 6.10 |
| 613 | 420320.57 | 3764130.04 | 166.07 | 6.10 |
| 614 | 420380.57 | 3764130.04 | 165.51 | 6.10 |
| 615 | 420400.57 | 3764130.04 | 165.43 | 6.10 |
| 616 | 420420.57 | 3764130.04 | 165.11 | 6.10 |
| 617 | 420360.57 | 3764150.04 | 165.71 | 6.10 |
| 618 | 420400.57 | 3764150.04 | 165.51 | 6.10 |
| 619 | 420340.57 | 3764170.04 | 166.05 | 6.10 |
| 620 | 420380.57 | 3764170.04 | 165.85 | 6.10 |
| 621 | 420400.57 | 3764170.04 | 165.55 | 6.10 |
| 622 | 420380.57 | 3764190.04 | 165.96 | 6.10 |
| 623 | 420714.65 | 3764272.44 | 163.71 | 6.10 |
| 624 | 420734.65 | 3764284.40 | 163.76 | 6.10 |
| 625 | 420754.65 | 3764284.40 | 163.57 | 6.10 |
| 626 | 420280.59 | 3763433.11 | 159.08 | 6.10 |
| 627 | 420260.59 | 3763453.11 | 159.39 | 6.10 |
| 628 | 420260.59 | 3763473.11 | 159.77 | 6.10 |
| 629 | 420233.62 | 3763487.75 | 160.25 | 6.10 |
| 630 | 420253.62 | 3763507.75 | 160.33 | 6.10 |
| 631 | 420200.59 | 3763533.11 | 160.70 | 6.10 |
| 632 | 420223.55 | 3763541.34 | 160.69 | 6.10 |
| 633 | 420240.59 | 3763533.11 | 160.64 | 6.10 |
| 634 | 420179.16 | 3763563.83 | 161.26 | 6.10 |
| 635 | 420200.59 | 3763573.11 | 161.54 | 6.10 |
| 636 | 420234.64 | 3763578.58 | 160.92 | 6.10 |
| 637 | 420200.59 | 3763593.11 | 161.58 | 6.10 |
| 638 | 420160.59 | 3763613.11 | 161.51 | 6.10 |

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| 639 | 420138.25 | 3763640.23 | 161.93 | 6.10 |
| 640 | 420200.59 | 3763613.11 | 161.43 | 6.10 |
| 641 | 420180.59 | 3763633.11 | 161.84 | 6.10 |
| 642 | 420172.25 | 3763655.97 | 162.05 | 6.10 |
| 643 | 420160.59 | 3763673.11 | 162.03 | 6.10 |
| 644 | 420160.59 | 3763693.11 | 161.99 | 6.10 |
| 645 | 420092.84 | 3763719.31 | 162.46 | 6.10 |
| 646 | 420140.59 | 3763713.11 | 162.14 | 6.10 |
| 647 | 420120.59 | 3763733.11 | 162.17 | 6.10 |
| 648 | 420804.93 | 3764263.30 | 163.49 | 6.10 |
| 649 | 420820.93 | 3764270.66 | 163.51 | 6.10 |
| 650 | 420839.88 | 3764276.55 | 163.54 | 6.10 |
| 651 | 420860.72 | 3764279.50 | 163.74 | 6.10 |
| 652 | 420880.72 | 3764279.50 | 163.85 | 6.10 |
| 653 | 420892.72 | 3764288.76 | 164.42 | 6.10 |
| 654 | 420900.72 | 3764299.50 | 164.19 | 6.10 |
| 655 | 420920.72 | 3764299.50 | 164.04 | 6.10 |
| 656 | 420980.72 | 3764299.50 | 163.74 | 6.10 |
| 657 | 420740.72 | 3764319.50 | 163.89 | 6.10 |
| 658 | 420780.72 | 3764319.50 | 163.79 | 6.10 |
| 659 | 420800.72 | 3764319.50 | 164.00 | 6.10 |
| 660 | 420820.72 | 3764319.50 | 164.04 | 6.10 |
| 661 | 420840.72 | 3764319.50 | 164.08 | 6.10 |
| 662 | 420940.72 | 3764319.50 | 164.49 | 6.10 |
| 663 | 420980.72 | 3764319.50 | 164.53 | 6.10 |
| 664 | 421003.29 | 3764310.49 | 164.53 | 6.10 |
| 665 | 421023.29 | 3764310.49 | 165.51 | 6.10 |
| 666 | 421043.29 | 3764310.49 | 165.63 | 6.10 |
| 667 | 421063.29 | 3764310.49 | 165.83 | 6.10 |
| 668 | 421083.29 | 3764310.49 | 166.01 | 6.10 |
| 669 | 421103.29 | 3764310.49 | 166.11 | 6.10 |
| 670 | 421123.29 | 3764310.49 | 166.13 | 6.10 |
| 671 | 421143.29 | 3764310.49 | 166.19 | 6.10 |
| 672 | 421163.29 | 3764310.49 | 166.25 | 6.10 |
| 673 | 421183.29 | 3764310.49 | 166.31 | 6.10 |
| 674 | 421203.29 | 3764310.49 | 166.29 | 6.10 |
| 675 | 421223.29 | 3764310.49 | 166.05 | 6.10 |
| 676 | 421243.29 | 3764310.49 | 166.02 | 6.10 |

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| 677 | 421263.29 | 3764310.49 | 165.99 | 6.10 |
| 678 | 421283.29 | 3764310.49 | 165.92 | 6.10 |
| 679 | 421303.29 | 3764310.49 | 165.75 | 6.10 |
| 680 | 420760.72 | 3764339.50 | 163.85 | 6.10 |
| 681 | 420860.72 | 3764339.50 | 164.15 | 6.10 |
| 682 | 420880.72 | 3764339.50 | 164.23 | 6.10 |
| 683 | 420920.72 | 3764339.50 | 164.43 | 6.10 |
| 684 | 420980.72 | 3764339.50 | 165.41 | 6.10 |
| 685 | 420700.42 | 3764305.37 | 164.68 | 6.10 |
| 686 | 420780.72 | 3764359.50 | 164.30 | 6.10 |
| 687 | 420800.72 | 3764359.50 | 164.42 | 6.10 |
| 688 | 420823.92 | 3764366.20 | 164.55 | 6.10 |
| 689 | 420920.72 | 3764359.50 | 165.47 | 6.10 |
| 690 | 420980.72 | 3764359.50 | 166.76 | 6.10 |
| 691 | 421010.96 | 3764363.22 | 166.30 | 6.10 |
| 692 | 421030.96 | 3764363.22 | 166.21 | 6.10 |
| 693 | 421050.96 | 3764363.22 | 166.37 | 6.10 |
| 694 | 421070.96 | 3764363.22 | 166.50 | 6.10 |
| 695 | 421090.96 | 3764363.22 | 166.67 | 6.10 |
| 696 | 421110.96 | 3764363.22 | 166.82 | 6.10 |
| 697 | 421130.96 | 3764363.22 | 167.08 | 6.10 |
| 698 | 421150.96 | 3764363.22 | 167.32 | 6.10 |
| 699 | 421170.96 | 3764363.22 | 166.89 | 6.10 |
| 700 | 421190.96 | 3764368.75 | 167.14 | 6.10 |
| 701 | 421210.17 | 3764368.36 | 166.91 | 6.10 |
| 702 | 421230.17 | 3764368.36 | 166.60 | 6.10 |
| 703 | 421250.17 | 3764368.36 | 166.47 | 6.10 |
| 704 | 421270.17 | 3764368.36 | 166.42 | 6.10 |
| 705 | 421290.17 | 3764368.36 | 166.30 | 6.10 |
| 706 | 421310.17 | 3764368.36 | 166.09 | 6.10 |
| 707 | 420843.63 | 3764371.64 | 164.91 | 6.10 |
| 708 | 420860.72 | 3764379.50 | 165.34 | 6.10 |
| 709 | 420880.72 | 3764379.50 | 166.13 | 6.10 |
| 710 | 420898.39 | 3764385.33 | 166.94 | 6.10 |
| 711 | 420980.72 | 3764379.50 | 168.59 | 6.10 |
| 712 | 420760.72 | 3764399.50 | 164.63 | 6.10 |
| 713 | 420780.72 | 3764399.50 | 164.65 | 6.10 |
| 714 | 420920.72 | 3764399.50 | 167.67 | 6.10 |

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| 715 | 420940.72 | 3764399.50 | 167.41 | 6.10 |
| 716 | 420980.72 | 3764399.50 | 170.53 | 6.10 |
| 717 | 420746.30 | 3764412.53 | 164.92 | 6.10 |
| 718 | 420780.72 | 3764419.50 | 165.35 | 6.10 |
| 719 | 420820.72 | 3764419.50 | 164.68 | 6.10 |
| 720 | 420840.72 | 3764419.50 | 165.00 | 6.10 |
| 721 | 420940.72 | 3764419.50 | 168.86 | 6.10 |
| 722 | 420980.72 | 3764419.50 | 172.17 | 6.10 |
| 723 | 421013.06 | 3764405.83 | 172.87 | 6.10 |
| 724 | 421033.06 | 3764405.83 | 173.71 | 6.10 |
| 725 | 421053.06 | 3764405.83 | 174.01 | 6.10 |
| 726 | 421073.06 | 3764405.83 | 174.28 | 6.10 |
| 727 | 421093.06 | 3764405.83 | 174.61 | 6.10 |
| 728 | 421113.06 | 3764405.83 | 174.98 | 6.10 |
| 729 | 421133.06 | 3764405.83 | 175.48 | 6.10 |
| 730 | 421160.72 | 3764419.50 | 177.48 | 6.10 |
| 731 | 421180.72 | 3764419.50 | 177.13 | 6.10 |
| 732 | 421220.72 | 3764419.50 | 169.57 | 6.10 |
| 733 | 421233.28 | 3764408.34 | 168.24 | 6.10 |
| 734 | 421253.28 | 3764408.34 | 168.05 | 6.10 |
| 735 | 421273.28 | 3764408.34 | 167.45 | 6.10 |
| 736 | 421293.28 | 3764408.34 | 167.19 | 6.10 |
| 737 | 420746.30 | 3764432.53 | 165.51 | 6.10 |
| 738 | 420780.72 | 3764439.50 | 165.68 | 6.10 |
| 739 | 420820.72 | 3764439.50 | 165.09 | 6.10 |
| 740 | 420860.72 | 3764439.50 | 166.28 | 6.10 |
| 741 | 420880.72 | 3764439.50 | 166.86 | 6.10 |
| 742 | 420940.72 | 3764439.50 | 169.54 | 6.10 |
| 743 | 420980.72 | 3764439.50 | 173.38 | 6.10 |
| 744 | 420994.21 | 3764452.98 | 174.41 | 6.10 |
| 745 | 421014.21 | 3764452.98 | 174.98 | 6.10 |
| 746 | 421034.21 | 3764452.98 | 175.56 | 6.10 |
| 747 | 421054.21 | 3764452.98 | 176.00 | 6.10 |
| 748 | 421074.21 | 3764452.98 | 176.28 | 6.10 |
| 749 | 421094.21 | 3764452.98 | 176.49 | 6.10 |
| 750 | 421114.21 | 3764452.98 | 176.90 | 6.10 |
| 751 | 421134.21 | 3764452.98 | 177.63 | 6.10 |
| 752 | 421180.72 | 3764439.50 | 178.56 | 6.10 |

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| 753 | 421220.72 | 3764439.50 | 170.55 | 6.10 |
| 754 | 420737.00 | 3764452.99 | 165.93 | 6.10 |
| 755 | 420780.72 | 3764459.50 | 165.86 | 6.10 |
| 756 | 420820.72 | 3764459.50 | 165.89 | 6.10 |
| 757 | 420920.72 | 3764459.50 | 171.11 | 6.10 |
| 758 | 421134.21 | 3764472.98 | 179.93 | 6.10 |
| 759 | 421180.72 | 3764459.50 | 180.06 | 6.10 |
| 760 | 421200.72 | 3764459.50 | 180.26 | 6.10 |
| 761 | 421233.28 | 3764448.34 | 170.52 | 6.10 |
| 762 | 421252.35 | 3764459.04 | 168.66 | 6.10 |
| 763 | 421293.28 | 3764448.34 | 167.10 | 6.10 |
| 764 | 420737.00 | 3764472.99 | 166.22 | 6.10 |
| 765 | 420820.72 | 3764479.50 | 166.81 | 6.10 |
| 766 | 420871.79 | 3764475.04 | 172.89 | 6.10 |
| 767 | 420920.72 | 3764479.50 | 173.40 | 6.10 |
| 768 | 421180.72 | 3764479.50 | 181.55 | 6.10 |
| 769 | 421200.72 | 3764479.50 | 182.55 | 6.10 |
| 770 | 421260.72 | 3764479.50 | 169.64 | 6.10 |
| 771 | 421280.72 | 3764479.50 | 167.61 | 6.10 |
| 772 | 420737.00 | 3764492.99 | 166.63 | 6.10 |
| 773 | 420767.69 | 3764492.53 | 166.95 | 6.10 |
| 774 | 420820.72 | 3764499.50 | 167.78 | 6.10 |
| 775 | 420871.79 | 3764495.04 | 174.89 | 6.10 |
| 776 | 420920.72 | 3764499.50 | 174.72 | 6.10 |
| 777 | 421114.21 | 3764512.98 | 188.88 | 6.10 |
| 778 | 421134.21 | 3764512.98 | 187.26 | 6.10 |
| 779 | 421200.72 | 3764499.50 | 183.87 | 6.10 |
| 780 | 421280.72 | 3764499.50 | 167.67 | 6.10 |
| 781 | 420730.48 | 3764507.70 | 166.72 | 6.10 |
| 782 | 420767.69 | 3764512.53 | 167.78 | 6.10 |
| 783 | 420820.72 | 3764519.50 | 169.14 | 6.10 |
| 784 | 420871.79 | 3764515.04 | 176.64 | 6.10 |
| 785 | 420920.72 | 3764519.50 | 177.45 | 6.10 |
| 786 | 421000.26 | 3764522.29 | 194.23 | 6.10 |
| 787 | 421020.26 | 3764522.29 | 194.71 | 6.10 |
| 788 | 421040.26 | 3764522.29 | 193.86 | 6.10 |
| 789 | 421060.26 | 3764522.29 | 192.78 | 6.10 |
| 790 | 421080.26 | 3764522.29 | 191.51 | 6.10 |

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| 791 | 421200.72 | 3764519.50 | 184.52 | 6.10 |
| 792 | 421280.72 | 3764519.50 | 167.77 | 6.10 |
| 793 | 420730.48 | 3764527.70 | 166.96 | 6.10 |
| 794 | 420767.69 | 3764532.53 | 168.64 | 6.10 |
| 795 | 420820.72 | 3764539.50 | 170.69 | 6.10 |
| 796 | 420860.72 | 3764539.50 | 177.78 | 6.10 |
| 797 | 420920.72 | 3764539.50 | 180.19 | 6.10 |
| 798 | 420980.72 | 3764539.50 | 196.07 | 6.10 |
| 799 | 421160.72 | 3764539.50 | 186.15 | 6.10 |
| 800 | 421180.72 | 3764539.50 | 185.11 | 6.10 |
| 801 | 421280.72 | 3764539.50 | 167.87 | 6.10 |
| 802 | 420860.72 | 3764559.50 | 179.66 | 6.10 |
| 803 | 420909.07 | 3764562.58 | 180.82 | 6.10 |
| 804 | 420980.72 | 3764559.50 | 196.42 | 6.10 |
| 805 | 421040.72 | 3764559.50 | 195.50 | 6.10 |
| 806 | 421080.72 | 3764559.50 | 191.82 | 6.10 |
| 807 | 421100.72 | 3764559.50 | 190.83 | 6.10 |
| 808 | 421120.72 | 3764559.50 | 189.64 | 6.10 |
| 809 | 421140.72 | 3764559.50 | 188.47 | 6.10 |
| 810 | 421160.72 | 3764559.50 | 187.23 | 6.10 |
| 811 | 420960.72 | 3764579.50 | 194.89 | 6.10 |
| 812 | 421020.72 | 3764579.50 | 196.11 | 6.10 |
| 813 | 420680.84 | 3764330.64 | 165.35 | 6.10 |
| 814 | 420720.84 | 3764330.64 | 164.63 | 6.10 |
| 815 | 420660.84 | 3764350.64 | 165.59 | 6.10 |
| 816 | 420692.00 | 3764425.97 | 165.39 | 6.10 |
| 817 | 420720.84 | 3764350.64 | 164.19 | 6.10 |
| 818 | 420660.84 | 3764370.64 | 165.98 | 6.10 |
| 819 | 420700.84 | 3764370.64 | 165.26 | 6.10 |
| 820 | 420700.84 | 3764390.64 | 165.35 | 6.10 |
| 821 | 420700.84 | 3764410.64 | 165.16 | 6.10 |
| 822 | 420680.84 | 3764450.64 | 166.30 | 6.10 |
| 823 | 420680.84 | 3764470.64 | 166.75 | 6.10 |
| 824 | 420680.84 | 3764490.64 | 167.16 | 6.10 |
| 825 | 420101.08 | 3763674.83 | 161.83 | 6.10 |
| 826 | 420083.47 | 3763665.61 | 161.77 | 6.10 |
| 827 | 420070.89 | 3763688.25 | 161.93 | 6.10 |
| 828 | 420083.05 | 3763697.47 | 162.13 | 6.10 |

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|---|---|---|---|---|
| 829 | 420043.64 | 3763644.22 | 162.04 | 6.10 |
| 830 | 420057.47 | 3763625.35 | 161.93 | 6.10 |
| 831 | 420067.12 | 3763611.93 | 161.95 | 6.10 |
| 832 | 420079.70 | 3763600.61 | 161.93 | 6.10 |
| 833 | 420101.50 | 3763588.45 | 161.61 | 6.10 |
| 834 | 420107.79 | 3763573.35 | 161.65 | 6.10 |
| 835 | 420119.53 | 3763558.68 | 161.49 | 6.10 |
| 836 | 420130.02 | 3763541.07 | 161.57 | 6.10 |
| 837 | 420141.76 | 3763528.91 | 161.45 | 6.10 |
| 838 | 420177.06 | 3763505.07 | 160.83 | 6.10 |
| 839 | 420182.52 | 3763490.53 | 160.96 | 6.10 |
| 840 | 420189.79 | 3763470.23 | 160.41 | 6.10 |
| 841 | 420205.24 | 3763456.30 | 160.02 | 6.10 |
| 842 | 420211.91 | 3763443.87 | 159.94 | 6.10 |
| 843 | 420221.30 | 3763427.51 | 159.48 | 6.10 |
| 844 | 420233.11 | 3763414.79 | 159.09 | 6.10 |
| 845 | 420187.06 | 3763375.10 | 164.87 | 6.10 |
| 846 | 420174.04 | 3763398.73 | 167.51 | 6.10 |
| 847 | 420159.80 | 3763419.94 | 170.29 | 6.10 |
| 848 | 420144.65 | 3763435.69 | 170.80 | 6.10 |
| 849 | 420157.37 | 3763449.33 | 168.17 | 6.10 |
| 850 | 420203.21 | 3763366.33 | 161.81 | 6.10 |
| 851 | 420212.30 | 3763349.37 | 160.41 | 6.10 |
| 852 | 420110.79 | 3763789.57 | 168.66 | 6.10 |
| 853 | 420095.76 | 3763777.27 | 168.55 | 6.10 |
| 854 | 420082.79 | 3763760.88 | 167.06 | 6.10 |
| 855 | 420069.13 | 3763754.06 | 167.71 | 6.10 |
| 856 | 420054.11 | 3763743.13 | 168.35 | 6.10 |
| 857 | 420101.91 | 3763822.34 | 167.99 | 6.10 |
| 858 | 420083.47 | 3763829.85 | 168.64 | 6.10 |
| 859 | 420062.30 | 3763818.25 | 168.54 | 6.10 |
| 860 | 420054.11 | 3763806.64 | 168.51 | 6.10 |
| 861 | 420037.04 | 3763795.71 | 168.41 | 6.10 |
| 862 | 420087.94 | 3763866.45 | 167.83 | 6.10 |
| 863 | 420066.97 | 3763858.48 | 168.09 | 6.10 |
| 864 | 420049.36 | 3763847.57 | 167.97 | 6.10 |
| 865 | 420032.58 | 3763850.93 | 167.67 | 6.10 |
| 866 | 420490.31 | 3764285.91 | 166.25 | 6.10 |

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|---|---|---|---|---|
| 867 | 420510.31 | 3764285.91 | 166.02 | 6.10 |
| 868 | 420530.31 | 3764285.91 | 165.74 | 6.10 |
| 869 | 420550.31 | 3764285.91 | 165.46 | 6.10 |
| 870 | 420570.31 | 3764285.91 | 165.28 | 6.10 |
| 871 | 420590.31 | 3764285.91 | 165.20 | 6.10 |
| 872 | 420610.31 | 3764285.91 | 165.19 | 6.10 |
| 873 | 420390.31 | 3764305.91 | 167.05 | 6.10 |
| 874 | 420410.31 | 3764305.91 | 166.93 | 6.10 |
| 875 | 420430.31 | 3764305.91 | 166.64 | 6.10 |
| 876 | 420450.31 | 3764305.91 | 166.61 | 6.10 |
| 877 | 420470.31 | 3764305.91 | 166.56 | 6.10 |
| 878 | 420490.31 | 3764305.91 | 166.47 | 6.10 |
| 879 | 420510.31 | 3764305.91 | 166.34 | 6.10 |
| 880 | 420530.31 | 3764305.91 | 166.16 | 6.10 |
| 881 | 420550.31 | 3764305.91 | 165.77 | 6.10 |
| 882 | 420570.31 | 3764305.91 | 165.51 | 6.10 |
| 883 | 420590.31 | 3764305.91 | 165.47 | 6.10 |
| 884 | 420610.31 | 3764305.91 | 165.63 | 6.10 |
| 885 | 420390.31 | 3764325.91 | 167.36 | 6.10 |
| 886 | 420410.31 | 3764325.91 | 167.27 | 6.10 |
| 887 | 420430.31 | 3764325.91 | 166.87 | 6.10 |
| 888 | 420450.31 | 3764325.91 | 166.92 | 6.10 |
| 889 | 420470.31 | 3764325.91 | 166.77 | 6.10 |
| 890 | 420490.31 | 3764325.91 | 166.66 | 6.10 |
| 891 | 420510.31 | 3764325.91 | 166.61 | 6.10 |
| 892 | 420530.31 | 3764325.91 | 166.53 | 6.10 |
| 893 | 420550.31 | 3764325.91 | 166.09 | 6.10 |
| 894 | 420570.31 | 3764325.91 | 165.75 | 6.10 |
| 895 | 420590.31 | 3764325.91 | 165.71 | 6.10 |
| 896 | 420410.31 | 3764345.91 | 167.20 | 6.10 |
| 897 | 420430.31 | 3764345.91 | 167.23 | 6.10 |
| 898 | 420450.31 | 3764345.91 | 167.43 | 6.10 |
| 899 | 420470.31 | 3764345.91 | 167.44 | 6.10 |
| 900 | 420490.31 | 3764345.91 | 167.11 | 6.10 |
| 901 | 420510.31 | 3764345.91 | 166.64 | 6.10 |
| 902 | 420530.31 | 3764345.91 | 166.55 | 6.10 |
| 903 | 420550.31 | 3764345.91 | 166.30 | 6.10 |
| 904 | 420570.31 | 3764345.91 | 166.02 | 6.10 |

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|---|---|---|---|---|
| 905 | 420430.31 | 3764365.91 | 167.39 | 6.10 |
| 906 | 420450.31 | 3764365.91 | 167.57 | 6.10 |
| 907 | 420470.31 | 3764365.91 | 167.68 | 6.10 |
| 908 | 420490.31 | 3764365.91 | 167.47 | 6.10 |
| 909 | 420510.31 | 3764365.91 | 166.99 | 6.10 |
| 910 | 420530.31 | 3764365.91 | 166.53 | 6.10 |
| 911 | 420550.31 | 3764365.91 | 166.37 | 6.10 |
| 912 | 420570.31 | 3764365.91 | 166.36 | 6.10 |
| 913 | 420450.31 | 3764385.91 | 167.47 | 6.10 |
| 914 | 420470.31 | 3764385.91 | 167.66 | 6.10 |
| 915 | 420490.31 | 3764385.91 | 167.74 | 6.10 |
| 916 | 420510.31 | 3764385.91 | 167.49 | 6.10 |
| 917 | 420530.31 | 3764385.91 | 166.55 | 6.10 |
| 918 | 420550.31 | 3764385.91 | 166.41 | 6.10 |
| 919 | 420470.31 | 3764405.91 | 167.67 | 6.10 |
| 920 | 420490.31 | 3764405.91 | 167.69 | 6.10 |
| 921 | 420510.31 | 3764405.91 | 167.55 | 6.10 |
| 922 | 420530.31 | 3764405.91 | 167.07 | 6.10 |
| 923 | 420490.31 | 3764425.91 | 167.84 | 6.10 |
| 924 | 420510.31 | 3764425.91 | 167.91 | 6.10 |
| 925 | 420504.61 | 3764167.94 | 164.45 | 6.10 |
| 926 | 420511.08 | 3764158.02 | 164.31 | 6.10 |
| 927 | 420524.44 | 3764147.67 | 164.15 | 6.10 |
| 928 | 420535.23 | 3764136.03 | 164.17 | 6.10 |
| 929 | 420493.83 | 3764108.43 | 164.51 | 6.10 |
| 930 | 420483.05 | 3764124.38 | 164.64 | 6.10 |
| 931 | 420469.25 | 3764140.34 | 164.80 | 6.10 |
| 932 | 420454.16 | 3764160.60 | 164.94 | 6.10 |
| 933 | 420443.38 | 3764173.11 | 164.99 | 6.10 |
| 934 | 420427.85 | 3764193.38 | 165.48 | 6.10 |
| 935 | 420417.51 | 3764210.62 | 165.72 | 6.10 |
| 936 | 420405.86 | 3764224.42 | 166.12 | 6.10 |
| 937 | 420389.91 | 3764241.24 | 166.30 | 6.10 |
| 938 | 420379.13 | 3764258.92 | 166.63 | 6.10 |
| 939 | 420362.74 | 3764275.31 | 166.85 | 6.10 |
| 940 | 420351.10 | 3764286.95 | 167.15 | 6.10 |
| 941 | 420518.84 | 3764071.76 | 164.35 | 6.10 |
| 942 | 420534.99 | 3764080.89 | 164.24 | 6.10 |

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|---|---|---|---|---|
| 943 | 420548.34 | 3764092.83 | 164.08 | 6.10 |
| 944 | 420571.51 | 3764110.38 | 164.34 | 6.10 |
| 945 | 420591.17 | 3764123.02 | 163.84 | 6.10 |
| 946 | 420605.91 | 3764135.66 | 163.95 | 6.10 |
| 947 | 420622.06 | 3764145.49 | 163.89 | 6.10 |
| 948 | 420640.32 | 3764160.23 | 163.53 | 6.10 |
| 949 | 420614.34 | 3764193.23 | 163.63 | 6.10 |
| 950 | 420580.63 | 3764167.96 | 164.24 | 6.10 |
| 951 | 420565.89 | 3764182.00 | 164.10 | 6.10 |
| 952 | 420553.95 | 3764191.13 | 164.15 | 6.10 |
| 953 | 420597.49 | 3764203.77 | 164.11 | 6.10 |
| 954 | 420591.87 | 3764223.43 | 164.09 | 6.10 |
| 955 | 420539.91 | 3764200.26 | 164.40 | 6.10 |
| 956 | 420606.61 | 3764240.98 | 164.09 | 6.10 |
| 957 | 420629.08 | 3764250.81 | 163.89 | 6.10 |
| 958 | 420648.74 | 3764238.87 | 164.00 | 6.10 |
| 959 | 420651.55 | 3764222.73 | 163.75 | 6.10 |
| 960 | 420660.68 | 3764207.98 | 163.82 | 6.10 |
| 961 | 420667.00 | 3764195.34 | 163.69 | 6.10 |
| 962 | 420681.74 | 3764181.30 | 163.31 | 6.10 |
| 963 | 420712.64 | 3764215.70 | 164.15 | 6.10 |
| 964 | 420695.09 | 3764229.75 | 164.33 | 6.10 |
| 965 | 420732.30 | 3764227.64 | 164.09 | 6.10 |
| 966 | 420747.05 | 3764238.17 | 163.83 | 6.10 |
| 967 | 420767.41 | 3764245.19 | 163.44 | 6.10 |
| 968 | 420681.04 | 3764247.30 | 164.53 | 6.10 |
| 969 | 420668.40 | 3764264.85 | 164.80 | 6.10 |
| 970 | 420655.06 | 3764283.11 | 165.10 | 6.10 |
| 971 | 420641.02 | 3764297.86 | 165.36 | 6.10 |
| 972 | 420638.21 | 3764314.71 | 165.39 | 6.10 |
| 973 | 420629.08 | 3764330.86 | 165.55 | 6.10 |
| 974 | 420619.25 | 3764349.11 | 165.76 | 6.10 |
| 975 | 420605.91 | 3764381.41 | 166.49 | 6.10 |
| 976 | 420599.59 | 3764395.46 | 166.60 | 6.10 |
| 977 | 420572.91 | 3764397.56 | 166.87 | 6.10 |
| 978 | 420563.78 | 3764415.82 | 167.20 | 6.10 |
| 979 | 420537.80 | 3764434.78 | 168.56 | 6.10 |
| 980 | 420556.76 | 3764436.18 | 168.82 | 6.10 |

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|---|---|---|---|---|---|
| 981 | 420575.72 | 3764441.10 | | 169.33 | 6.10 |
| 982 | 420589.76 | 3764450.93 | | 169.33 | 6.10 |
| 983 | 420638.21 | 3764481.82 | | 168.73 | 6.10 |
| 984 | 420641.02 | 3764463.56 | | 168.08 | 6.10 |
| 985 | 420648.74 | 3764446.01 | | 167.59 | 6.10 |
| 986 | 420652.96 | 3764423.54 | | 166.86 | 6.10 |
| 987 | 420652.96 | 3764410.90 | | 166.47 | 6.10 |
| 988 | 420650.85 | 3764387.03 | | 166.03 | 6.10 |
| 989 | 420295.36 | 3764152.91 | | 166.63 | 6.10 |
| 990 | 420331.87 | 3764188.02 | | 166.33 | 6.10 |
| 991 | 420353.64 | 3764208.38 | | 166.67 | 6.10 |
| 992 | 420339.59 | 3764226.64 | | 166.82 | 6.10 |
| 993 | 420327.66 | 3764237.87 | | 167.06 | 6.10 |
| 994 | 420317.83 | 3764252.62 | | 167.14 | 6.10 |
| 995 | 420300.27 | 3764231.55 | | 167.33 | 6.10 |
| 996 | 420285.53 | 3764216.81 | | 167.32 | 6.10 |
| 997 | 420271.48 | 3764206.28 | | 167.56 | 6.10 |
| 998 | 420260.25 | 3764195.04 | | 167.63 | 6.10 |
| 999 | 420283.42 | 3764171.17 | | 166.63 | 6.10 |
| 1,000 | 420972.38 | 3763271.71 | UCART1 | 160.33 | |
| 1,001 | 420913.80 | 3763329.33 | UCART1 | 160.06 | |
| 1,002 | 420955.88 | 3763316.14 | UCART1 | 160.26 | |
| 1,003 | 421011.82 | 3763312.84 | UCART1 | 160.77 | |
| 1,004 | 420869.05 | 3763382.67 | UCART1 | 159.73 | |
| 1,005 | 420913.80 | 3763379.33 | UCART1 | 160.37 | |
| 1,006 | 420955.88 | 3763366.14 | UCART1 | 160.33 | |
| 1,007 | 421011.82 | 3763362.84 | UCART1 | 160.32 | |
| 1,008 | 420906.65 | 3763419.80 | UCART1 | 160.28 | |
| 1,009 | 420955.88 | 3763416.14 | UCART1 | 160.24 | |
| 1,010 | 421011.82 | 3763412.84 | UCART1 | 160.49 | |
| 1,011 | 421009.84 | 3763454.26 | UCART1 | 160.64 | |
| 1,012 | 420679.66 | 3764117.07 | | 162.75 | |
| 1,013 | 420692.12 | 3764098.22 | | 162.45 | |
| 1,014 | 420703.14 | 3764099.09 | | 162.41 | |
| 1,015 | 420702.56 | 3764144.04 | | 162.80 | |

## Plant Boundary Receptors

# Receptor Pathway



## Receptor Groups

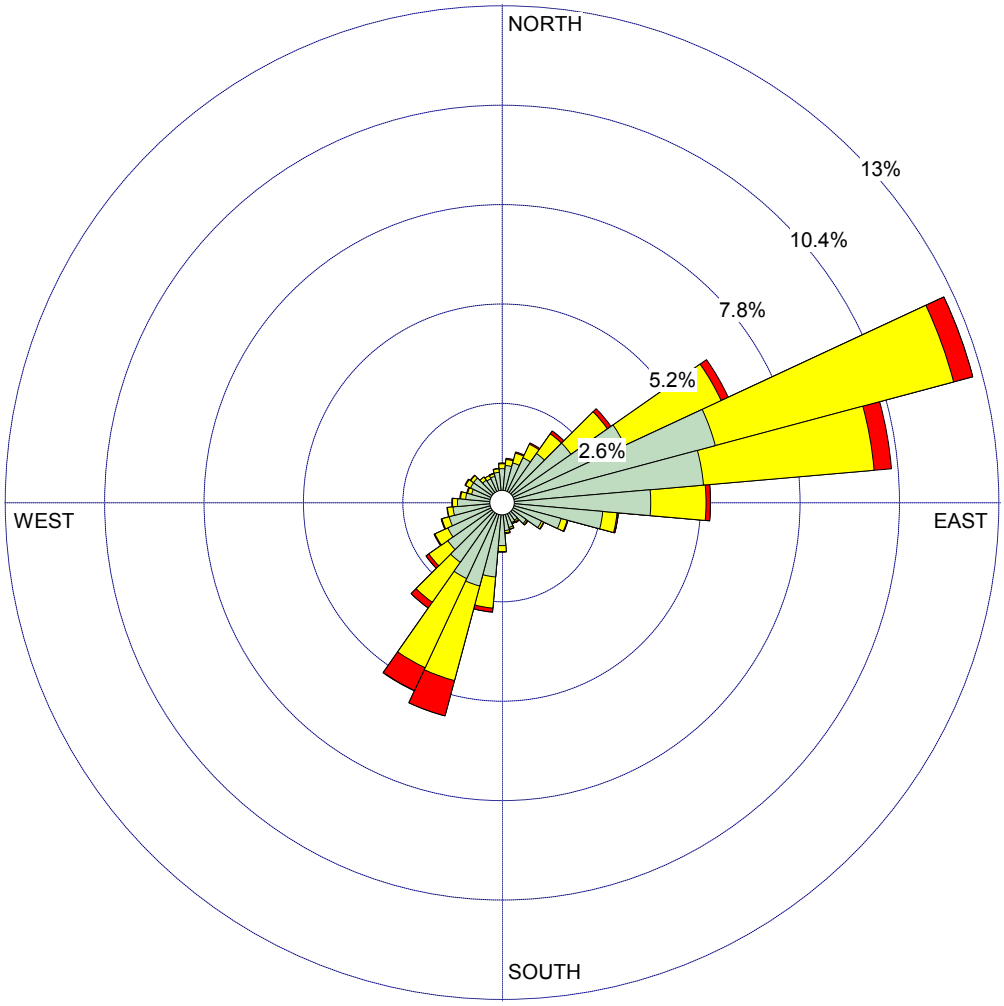
| Record Number | Group ID | Group Description |
|---|---|---|
| 1 | UCART1 | Receptors generated from Uniform Cartesian Grid |

WIND ROSE PLOT:

**Station #3179**

DISPLAY:

**Wind Speed**
**Flow Vector (blowing to)**




WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 7.08%

| | | | |
|---|---|---|---|
| COMMENTS: | DATA PERIOD:<br>**Start Date: 1/1/2012 - 00:00**<br>**End Date: 12/31/2016 - 23:59** | COMPANY NAME: | |
| | | MODELER: | |
| | CALM WINDS:<br>**7.08%** | TOTAL COUNT:<br>**42845 hrs.** | |
| | AVG. WIND SPEED:<br>**1.67 m/s** | DATE:<br>**5/1/2023** | PROJECT NO.: |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: OFFSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.12468 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 0.10557 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 0.09945 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 0.10448 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 0.08968 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 0.09383 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 0.09823 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 0.10296 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 0.10819 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 0.08114 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 0.08479 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 0.08865 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 0.09263 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 0.09679 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 0.10128 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 0.10577 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 0.07365 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 0.07707 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 0.08032 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 0.08380 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: OFFSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.08739 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 0.09119 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 0.09517 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 0.09917 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 0.10354 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 0.07034 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 0.07321 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 0.07622 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 0.07927 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 0.08247 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 0.08585 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 0.08965 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 0.09326 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 0.09699 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 0.10099 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 0.10524 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 0.06472 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 0.06713 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 0.06968 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 0.07229 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: OFFSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.07491 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 1.88629 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 1.97819 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 1.40351 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 0.66474 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 1.46949 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 1.35661 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 0.86883 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 0.53266 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 1.03660 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 0.66728 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 0.46527 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 0.44187 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: ONSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.13726 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 0.13614 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 0.12751 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 0.13475 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 0.11361 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 0.11955 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 0.12590 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 0.13276 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 0.14029 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 0.10194 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 0.10688 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 0.11217 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 0.11781 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 0.12383 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 0.13032 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 0.13707 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 0.09095 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 0.09628 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 0.10070 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 0.10540 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: ONSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.11036 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 0.11566 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 0.12138 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 0.12731 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 0.13372 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 0.08619 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 0.08986 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 0.09497 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 0.09913 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 0.10352 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 0.10819 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 0.11326 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 0.11850 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 0.12401 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 0.12989 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 0.13619 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 0.07853 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 0.08167 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 0.08498 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 0.08845 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Construction HRA
Walnut, CA

**Concentration - Source Group: ONSITE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.09203 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 0.04944 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 0.07460 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 0.06268 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 0.05418 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 0.11237 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 0.09742 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 0.08107 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 0.07000 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 0.12835 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 0.11010 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 0.09432 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 0.12562 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

Appendix

# Attachment D. Air Dispersion Model Output - Operation

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

*** MODEL SETUP OPTIONS SUMMARY ***

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

** Model Options Selected:
* Model Uses Regulatory DEFAULT Options
* Model Is Setup For Calculation of Average CONCentration Values.
* NO GAS DEPOSITION Data Provided.
* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 622 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9830000.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 622 Source(s); 12 Source Group(s); and 1015 Receptor(s)

with: 54 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 564 VOLUME source(s)
and: 4 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

```
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   182.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      4.6 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   COW-05 OpHRA.err
**File for Summary of Results:   COW-05 OpHRA.sum
```

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

*** POINT SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | STACK HEIGHT (METERS) | STACK TEMP. (DEG.K) | STACK EXIT VEL. (M/SEC) | STACK DIAMETER (METERS) | BLDG EXISTS | URBAN SOURCE | CAP/ HOR | EMIS RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STCK1 | 0 | 0.10000E+01 | 420678.0 | 3763837.5 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK2 | 0 | 0.10000E+01 | 420680.4 | 3763834.6 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK3 | 0 | 0.10000E+01 | 420683.0 | 3763830.9 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK4 | 0 | 0.10000E+01 | 420685.5 | 3763827.9 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK5 | 0 | 0.10000E+01 | 420687.9 | 3763824.6 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK6 | 0 | 0.10000E+01 | 420690.5 | 3763821.8 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK7 | 0 | 0.10000E+01 | 420692.4 | 3763818.5 | 160.6 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK8 | 0 | 0.10000E+01 | 420695.0 | 3763815.5 | 160.6 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK9 | 0 | 0.10000E+01 | 420700.2 | 3763808.5 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK10 | 0 | 0.10000E+01 | 420702.3 | 3763806.1 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK11 | 0 | 0.10000E+01 | 420705.1 | 3763803.1 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK12 | 0 | 0.10000E+01 | 420706.8 | 3763800.2 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK13 | 0 | 0.10000E+01 | 420709.6 | 3763797.2 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK14 | 0 | 0.10000E+01 | 420711.8 | 3763793.5 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK15 | 0 | 0.10000E+01 | 420714.1 | 3763790.7 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK16 | 0 | 0.10000E+01 | 420716.5 | 3763787.4 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK17 | 0 | 0.10000E+01 | 420721.4 | 3763781.3 | 160.6 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK18 | 0 | 0.10000E+01 | 420724.2 | 3763777.8 | 160.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK19 | 0 | 0.10000E+01 | 420726.2 | 3763775.0 | 160.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK20 | 0 | 0.10000E+01 | 420728.7 | 3763771.5 | 160.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK21 | 0 | 0.10000E+01 | 420731.1 | 3763768.3 | 160.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK22 | 0 | 0.10000E+01 | 420733.5 | 3763765.0 | 160.3 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK23 | 0 | 0.10000E+01 | 420735.6 | 3763762.4 | 160.3 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK24 | 0 | 0.10000E+01 | 420738.4 | 3763758.9 | 160.3 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK25 | 0 | 0.10000E+01 | 420820.8 | 3763915.4 | 160.9 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK26 | 0 | 0.10000E+01 | 420823.5 | 3763912.3 | 160.9 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK27 | 0 | 0.10000E+01 | 420825.8 | 3763908.4 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK28 | 0 | 0.10000E+01 | 420829.5 | 3763834.7 | 160.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK29 | 0 | 0.10000E+01 | 420831.6 | 3763831.4 | 160.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK30 | 0 | 0.10000E+01 | 420834.1 | 3763828.0 | 160.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK31 | 0 | 0.10000E+01 | 420836.0 | 3763825.0 | 160.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK32 | 0 | 0.10000E+01 | 420838.3 | 3763821.4 | 160.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK33 | 0 | 0.10000E+01 | 420840.7 | 3763818.3 | 160.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK34 | 0 | 0.10000E+01 | 420845.6 | 3763812.1 | 160.6 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK35 | 0 | 0.10000E+01 | 420848.0 | 3763808.9 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK36 | 0 | 0.10000E+01 | 420850.0 | 3763805.8 | 160.7 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK37 | 0 | 0.10000E+01 | 420852.6 | 3763802.4 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK38 | 0 | 0.10000E+01 | 420854.7 | 3763799.2 | 160.8 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK39 | 0 | 0.10000E+01 | 420857.0 | 3763796.2 | 160.9 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK40 | 0 | 0.10000E+01 | 420859.3 | 3763792.7 | 161.0 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |

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

*** POINT SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | STACK HEIGHT (METERS) | STACK TEMP. (DEG.K) | STACK EXIT VEL. (M/SEC) | STACK DIAMETER (METERS) | BLDG EXISTS | URBAN SOURCE | CAP/ HOR | EMIS RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STCK41 | 0 | 0.10000E+01 | 420861.6 | 3763789.3 | 160.9 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK42 | 0 | 0.10000E+01 | 420950.5 | 3763972.0 | 161.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK43 | 0 | 0.10000E+01 | 420950.8 | 3763968.3 | 161.5 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK44 | 0 | 0.10000E+01 | 420950.0 | 3763964.2 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK45 | 0 | 0.10000E+01 | 420949.8 | 3763960.3 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK46 | 0 | 0.10000E+01 | 420949.9 | 3763956.0 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK47 | 0 | 0.10000E+01 | 420949.9 | 3763952.1 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK48 | 0 | 0.10000E+01 | 420950.0 | 3763944.5 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK49 | 0 | 0.10000E+01 | 420949.6 | 3763940.2 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK50 | 0 | 0.10000E+01 | 420950.0 | 3763936.5 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK51 | 0 | 0.10000E+01 | 420950.1 | 3763932.2 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK52 | 0 | 0.10000E+01 | 420949.5 | 3763928.3 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK53 | 0 | 0.10000E+01 | 420949.5 | 3763924.4 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |
| STCK54 | 0 | 0.10000E+01 | 420949.6 | 3763920.8 | 161.4 | 4.15 | 366.00 | 51.70 | 0.10 | NO | YES | NO | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000618 | 0 | 0.79104E-02 | 420678.7 | 3763889.8 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000619 | 0 | 0.79104E-02 | 420667.8 | 3763887.2 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000620 | 0 | 0.79104E-02 | 420655.7 | 3763878.7 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000621 | 0 | 0.79104E-02 | 420643.6 | 3763870.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000622 | 0 | 0.79104E-02 | 420631.5 | 3763861.7 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000623 | 0 | 0.79104E-02 | 420619.4 | 3763853.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000624 | 0 | 0.79104E-02 | 420607.3 | 3763844.7 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000625 | 0 | 0.79104E-02 | 420595.2 | 3763836.1 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000626 | 0 | 0.79104E-02 | 420583.2 | 3763827.6 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000627 | 0 | 0.79104E-02 | 420571.1 | 3763819.1 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000628 | 0 | 0.79104E-02 | 420559.0 | 3763810.6 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000629 | 0 | 0.79104E-02 | 420546.9 | 3763802.1 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000630 | 0 | 0.79104E-02 | 420534.8 | 3763793.6 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000631 | 0 | 0.79104E-02 | 420529.9 | 3763783.9 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000632 | 0 | 0.79104E-02 | 420538.9 | 3763772.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000633 | 0 | 0.79104E-02 | 420547.8 | 3763760.4 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000634 | 0 | 0.79104E-02 | 420556.8 | 3763748.6 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000635 | 0 | 0.79104E-02 | 420565.7 | 3763736.9 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000636 | 0 | 0.79104E-02 | 420574.7 | 3763725.1 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000637 | 0 | 0.79104E-02 | 420583.6 | 3763713.3 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000638 | 0 | 0.79104E-02 | 420592.6 | 3763701.5 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000639 | 0 | 0.79104E-02 | 420601.5 | 3763689.8 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000640 | 0 | 0.79104E-02 | 420610.5 | 3763678.0 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000641 | 0 | 0.79104E-02 | 420619.5 | 3763666.2 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000642 | 0 | 0.79104E-02 | 420628.4 | 3763654.5 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000643 | 0 | 0.79104E-02 | 420637.4 | 3763642.7 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000644 | 0 | 0.79104E-02 | 420646.3 | 3763630.9 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000645 | 0 | 0.79104E-02 | 420655.3 | 3763619.2 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000646 | 0 | 0.79104E-02 | 420664.2 | 3763607.4 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000647 | 0 | 0.79104E-02 | 420673.2 | 3763595.6 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000648 | 0 | 0.79104E-02 | 420682.1 | 3763583.8 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000649 | 0 | 0.79104E-02 | 420691.1 | 3763572.1 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000650 | 0 | 0.79104E-02 | 420700.1 | 3763560.3 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000651 | 0 | 0.79104E-02 | 420709.0 | 3763548.5 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000652 | 0 | 0.79104E-02 | 420718.0 | 3763536.8 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000653 | 0 | 0.79104E-02 | 420726.9 | 3763525.0 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000654 | 0 | 0.79104E-02 | 420735.9 | 3763513.2 | 158.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000655 | 0 | 0.79104E-02 | 420744.8 | 3763501.4 | 157.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000656 | 0 | 0.79104E-02 | 420753.8 | 3763489.7 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000657 | 0 | 0.79104E-02 | 420762.7 | 3763477.9 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000658 | 0 | 0.79104E-02 | 420771.7 | 3763466.1 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000659 | 0 | 0.79104E-02 | 420780.6 | 3763454.4 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000660 | 0 | 0.79104E-02 | 420789.6 | 3763442.6 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000661 | 0 | 0.79104E-02 | 420798.6 | 3763430.8 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000662 | 0 | 0.79104E-02 | 420807.5 | 3763419.0 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000663 | 0 | 0.79104E-02 | 420816.5 | 3763407.3 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000664 | 0 | 0.79104E-02 | 420825.4 | 3763395.5 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000665 | 0 | 0.79104E-02 | 420834.4 | 3763383.7 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000666 | 0 | 0.79104E-02 | 420843.3 | 3763372.0 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000667 | 0 | 0.79104E-02 | 420852.3 | 3763360.2 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000668 | 0 | 0.79104E-02 | 420861.2 | 3763348.4 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000669 | 0 | 0.79104E-02 | 420870.2 | 3763336.7 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000670 | 0 | 0.79104E-02 | 420879.2 | 3763324.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000671 | 0 | 0.79104E-02 | 420888.1 | 3763313.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000672 | 0 | 0.79104E-02 | 420897.1 | 3763301.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000673 | 0 | 0.79104E-02 | 420906.0 | 3763289.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000674 | 0 | 0.79104E-02 | 420915.0 | 3763277.8 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000675 | 0 | 0.79104E-02 | 420923.9 | 3763266.0 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000676 | 0 | 0.79104E-02 | 420932.9 | 3763254.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000677 | 0 | 0.79104E-02 | 420941.5 | 3763242.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000678 | 0 | 0.79104E-02 | 420948.1 | 3763229.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000679 | 0 | 0.79104E-02 | 420954.6 | 3763215.8 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000680 | 0 | 0.79104E-02 | 420961.2 | 3763202.5 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000681 | 0 | 0.79104E-02 | 420967.8 | 3763189.3 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000682 | 0 | 0.79104E-02 | 420974.4 | 3763176.0 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000683 | 0 | 0.79104E-02 | 420980.9 | 3763162.8 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000684 | 0 | 0.79104E-02 | 420987.5 | 3763149.5 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000559 | 0 | 0.79661E-02 | 420791.0 | 3763804.6 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000560 | 0 | 0.79661E-02 | 420796.9 | 3763792.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000561 | 0 | 0.79661E-02 | 420802.1 | 3763778.7 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000562 | 0 | 0.79661E-02 | 420807.3 | 3763764.9 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000563 | 0 | 0.79661E-02 | 420812.9 | 3763751.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000564 | 0 | 0.79661E-02 | 420821.4 | 3763739.2 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000565 | 0 | 0.79661E-02 | 420830.0 | 3763727.1 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000566 | 0 | 0.79661E-02 | 420838.5 | 3763715.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000567 | 0 | 0.79661E-02 | 420847.0 | 3763702.9 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000568 | 0 | 0.79661E-02 | 420847.6 | 3763692.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000569 | 0 | 0.79661E-02 | 420835.9 | 3763683.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000570 | 0 | 0.79661E-02 | 420824.1 | 3763674.0 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000571 | 0 | 0.79661E-02 | 420812.4 | 3763665.0 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000572 | 0 | 0.79661E-02 | 420800.7 | 3763656.0 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000573 | 0 | 0.79661E-02 | 420788.9 | 3763647.0 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000574 | 0 | 0.79661E-02 | 420777.2 | 3763638.0 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000575 | 0 | 0.79661E-02 | 420765.4 | 3763629.0 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000576 | 0 | 0.79661E-02 | 420753.7 | 3763620.0 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000577 | 0 | 0.79661E-02 | 420741.9 | 3763611.1 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000578 | 0 | 0.79661E-02 | 420730.2 | 3763602.1 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000579 | 0 | 0.79661E-02 | 420718.5 | 3763593.1 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000580 | 0 | 0.79661E-02 | 420706.7 | 3763584.1 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000581 | 0 | 0.79661E-02 | 420695.0 | 3763575.1 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000582 | 0 | 0.79661E-02 | 420698.3 | 3763564.1 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000583 | 0 | 0.79661E-02 | 420707.2 | 3763552.3 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000584 | 0 | 0.79661E-02 | 420716.1 | 3763540.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000585 | 0 | 0.79661E-02 | 420725.0 | 3763528.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000586 | 0 | 0.79661E-02 | 420734.0 | 3763516.9 | 158.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000587 | 0 | 0.79661E-02 | 420742.9 | 3763505.1 | 157.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000588 | 0 | 0.79661E-02 | 420751.8 | 3763493.3 | 158.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000589 | 0 | 0.79661E-02 | 420760.8 | 3763481.5 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000590 | 0 | 0.79661E-02 | 420769.7 | 3763469.7 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000591 | 0 | 0.79661E-02 | 420778.6 | 3763458.0 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000592 | 0 | 0.79661E-02 | 420787.6 | 3763446.2 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000593 | 0 | 0.79661E-02 | 420796.5 | 3763434.4 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000594 | 0 | 0.79661E-02 | 420805.4 | 3763422.6 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000595 | 0 | 0.79661E-02 | 420814.3 | 3763410.8 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000596 | 0 | 0.79661E-02 | 420823.3 | 3763399.0 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000597 | 0 | 0.79661E-02 | 420832.2 | 3763387.2 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000598 | 0 | 0.79661E-02 | 420841.1 | 3763375.4 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000599 | 0 | 0.79661E-02 | 420850.1 | 3763363.6 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000600 | 0 | 0.79661E-02 | 420859.0 | 3763351.8 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000601 | 0 | 0.79661E-02 | 420867.9 | 3763340.1 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000602 | 0 | 0.79661E-02 | 420876.9 | 3763328.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000603 | 0 | 0.79661E-02 | 420885.8 | 3763316.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000604 | 0 | 0.79661E-02 | 420894.7 | 3763304.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000605 | 0 | 0.79661E-02 | 420903.6 | 3763292.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000606 | 0 | 0.79661E-02 | 420912.6 | 3763281.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000607 | 0 | 0.79661E-02 | 420921.5 | 3763269.3 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000608 | 0 | 0.79661E-02 | 420930.4 | 3763257.5 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000609 | 0 | 0.79661E-02 | 420939.4 | 3763245.7 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000610 | 0 | 0.79661E-02 | 420946.2 | 3763232.7 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000611 | 0 | 0.79661E-02 | 420952.8 | 3763219.4 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000612 | 0 | 0.79661E-02 | 420959.4 | 3763206.2 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000613 | 0 | 0.79661E-02 | 420966.0 | 3763192.9 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000614 | 0 | 0.79661E-02 | 420972.5 | 3763179.7 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000615 | 0 | 0.79661E-02 | 420979.1 | 3763166.4 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000616 | 0 | 0.79661E-02 | 420985.7 | 3763153.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000617 | 0 | 0.79661E-02 | 420992.3 | 3763139.9 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000917 | 0 | 0.65385E-02 | 420808.1 | 3763976.7 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000918 | 0 | 0.65385E-02 | 420795.7 | 3763968.6 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000919 | 0 | 0.65385E-02 | 420783.3 | 3763960.5 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000920 | 0 | 0.65385E-02 | 420770.9 | 3763952.4 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000921 | 0 | 0.65385E-02 | 420758.6 | 3763944.3 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000922 | 0 | 0.65385E-02 | 420746.2 | 3763936.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000923 | 0 | 0.65385E-02 | 420733.9 | 3763927.9 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000924 | 0 | 0.65385E-02 | 420722.8 | 3763918.3 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000925 | 0 | 0.65385E-02 | 420711.6 | 3763908.6 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000926 | 0 | 0.65385E-02 | 420700.4 | 3763898.9 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000927 | 0 | 0.65385E-02 | 420689.2 | 3763889.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000928 | 0 | 0.65385E-02 | 420679.4 | 3763888.6 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000929 | 0 | 0.65385E-02 | 420669.0 | 3763888.1 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000930 | 0 | 0.65385E-02 | 420656.9 | 3763879.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000931 | 0 | 0.65385E-02 | 420644.8 | 3763871.0 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000932 | 0 | 0.65385E-02 | 420632.7 | 3763862.5 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000933 | 0 | 0.65385E-02 | 420620.6 | 3763854.0 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000934 | 0 | 0.65385E-02 | 420608.5 | 3763845.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000935 | 0 | 0.65385E-02 | 420596.4 | 3763837.0 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000936 | 0 | 0.65385E-02 | 420584.3 | 3763828.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000937 | 0 | 0.65385E-02 | 420572.2 | 3763819.9 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000938 | 0 | 0.65385E-02 | 420560.1 | 3763811.4 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000939 | 0 | 0.65385E-02 | 420548.1 | 3763802.9 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000940 | 0 | 0.65385E-02 | 420536.0 | 3763794.4 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000941 | 0 | 0.65385E-02 | 420529.0 | 3763785.1 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000942 | 0 | 0.65385E-02 | 420538.0 | 3763773.3 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000943 | 0 | 0.65385E-02 | 420547.0 | 3763761.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000944 | 0 | 0.65385E-02 | 420555.9 | 3763749.8 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000945 | 0 | 0.65385E-02 | 420564.9 | 3763738.0 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000946 | 0 | 0.65385E-02 | 420573.8 | 3763726.2 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000947 | 0 | 0.65385E-02 | 420582.8 | 3763714.5 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000948 | 0 | 0.65385E-02 | 420591.7 | 3763702.7 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000949 | 0 | 0.65385E-02 | 420600.7 | 3763690.9 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000950 | 0 | 0.65385E-02 | 420609.6 | 3763679.2 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000951 | 0 | 0.65385E-02 | 420618.6 | 3763667.4 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000952 | 0 | 0.65385E-02 | 420627.5 | 3763655.6 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000953 | 0 | 0.65385E-02 | 420636.5 | 3763643.8 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000954 | 0 | 0.65385E-02 | 420645.5 | 3763632.1 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000955 | 0 | 0.65385E-02 | 420654.4 | 3763620.3 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000956 | 0 | 0.65385E-02 | 420663.4 | 3763608.5 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000957 | 0 | 0.65385E-02 | 420672.3 | 3763596.8 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000958 | 0 | 0.65385E-02 | 420681.3 | 3763585.0 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000959 | 0 | 0.65385E-02 | 420690.2 | 3763573.2 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000960 | 0 | 0.65385E-02 | 420699.2 | 3763561.4 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000961 | 0 | 0.65385E-02 | 420708.1 | 3763549.7 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000962 | 0 | 0.65385E-02 | 420717.1 | 3763537.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000963 | 0 | 0.65385E-02 | 420726.0 | 3763526.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000964 | 0 | 0.65385E-02 | 420735.0 | 3763514.4 | 158.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000965 | 0 | 0.65385E-02 | 420744.0 | 3763502.6 | 157.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000966 | 0 | 0.65385E-02 | 420752.9 | 3763490.8 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000967 | 0 | 0.65385E-02 | 420761.9 | 3763479.0 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000968 | 0 | 0.65385E-02 | 420770.8 | 3763467.3 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000969 | 0 | 0.65385E-02 | 420779.8 | 3763455.5 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000970 | 0 | 0.65385E-02 | 420788.7 | 3763443.7 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000971 | 0 | 0.65385E-02 | 420797.7 | 3763432.0 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000972 | 0 | 0.65385E-02 | 420806.6 | 3763420.2 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000973 | 0 | 0.65385E-02 | 420815.6 | 3763408.4 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000974 | 0 | 0.65385E-02 | 420824.6 | 3763396.7 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000975 | 0 | 0.65385E-02 | 420833.5 | 3763384.9 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000976 | 0 | 0.65385E-02 | 420842.5 | 3763373.1 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000977 | 0 | 0.65385E-02 | 420851.4 | 3763361.3 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000978 | 0 | 0.65385E-02 | 420860.4 | 3763349.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000979 | 0 | 0.65385E-02 | 420869.3 | 3763337.8 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000980 | 0 | 0.65385E-02 | 420878.3 | 3763326.0 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000981 | 0 | 0.65385E-02 | 420887.2 | 3763314.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000982 | 0 | 0.65385E-02 | 420896.2 | 3763302.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000983 | 0 | 0.65385E-02 | 420905.1 | 3763290.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000984 | 0 | 0.65385E-02 | 420914.1 | 3763278.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000985 | 0 | 0.65385E-02 | 420923.1 | 3763267.2 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000986 | 0 | 0.65385E-02 | 420932.0 | 3763255.4 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000987 | 0 | 0.65385E-02 | 420940.8 | 3763243.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000988 | 0 | 0.65385E-02 | 420947.4 | 3763230.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000989 | 0 | 0.65385E-02 | 420954.0 | 3763217.1 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000990 | 0 | 0.65385E-02 | 420960.6 | 3763203.8 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000991 | 0 | 0.65385E-02 | 420967.2 | 3763190.6 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000992 | 0 | 0.65385E-02 | 420973.7 | 3763177.3 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000993 | 0 | 0.65385E-02 | 420980.3 | 3763164.1 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000994 | 0 | 0.65385E-02 | 420986.9 | 3763150.8 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000769 | 0 | 0.66216E-02 | 420872.0 | 3763938.0 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000770 | 0 | 0.66216E-02 | 420882.9 | 3763928.1 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000771 | 0 | 0.66216E-02 | 420893.9 | 3763918.2 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000772 | 0 | 0.66216E-02 | 420904.3 | 3763907.8 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000773 | 0 | 0.66216E-02 | 420913.4 | 3763896.1 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000774 | 0 | 0.66216E-02 | 420922.5 | 3763884.4 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000775 | 0 | 0.66216E-02 | 420931.6 | 3763872.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000776 | 0 | 0.66216E-02 | 420940.7 | 3763861.1 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000777 | 0 | 0.66216E-02 | 420949.8 | 3763849.4 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000778 | 0 | 0.66216E-02 | 420958.9 | 3763837.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000779 | 0 | 0.66216E-02 | 420967.9 | 3763826.1 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000780 | 0 | 0.66216E-02 | 420977.0 | 3763814.4 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000781 | 0 | 0.66216E-02 | 420986.1 | 3763802.8 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000782 | 0 | 0.66216E-02 | 420985.1 | 3763792.5 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000783 | 0 | 0.66216E-02 | 420973.1 | 3763783.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000784 | 0 | 0.66216E-02 | 420961.2 | 3763775.1 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000785 | 0 | 0.66216E-02 | 420949.2 | 3763766.3 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000786 | 0 | 0.66216E-02 | 420937.3 | 3763757.6 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000787 | 0 | 0.66216E-02 | 420925.3 | 3763748.9 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000788 | 0 | 0.66216E-02 | 420913.4 | 3763740.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000789 | 0 | 0.66216E-02 | 420901.5 | 3763731.5 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000790 | 0 | 0.66216E-02 | 420889.5 | 3763722.7 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000791 | 0 | 0.66216E-02 | 420877.6 | 3763714.0 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000792 | 0 | 0.66216E-02 | 420865.6 | 3763705.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000793 | 0 | 0.66216E-02 | 420853.7 | 3763696.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000794 | 0 | 0.66216E-02 | 420841.9 | 3763687.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000795 | 0 | 0.66216E-02 | 420830.2 | 3763678.6 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000796 | 0 | 0.66216E-02 | 420818.4 | 3763669.6 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000797 | 0 | 0.66216E-02 | 420806.7 | 3763660.6 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000798 | 0 | 0.66216E-02 | 420794.9 | 3763651.6 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000799 | 0 | 0.66216E-02 | 420783.2 | 3763642.7 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000800 | 0 | 0.66216E-02 | 420771.5 | 3763633.7 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000801 | 0 | 0.66216E-02 | 420759.7 | 3763624.7 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000802 | 0 | 0.66216E-02 | 420748.0 | 3763615.7 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000803 | 0 | 0.66216E-02 | 420736.2 | 3763606.7 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000804 | 0 | 0.66216E-02 | 420724.5 | 3763597.7 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0000805 | 0 | 0.66216E-02 | 420712.8 | 3763588.7 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000806 | 0 | 0.66216E-02 | 420701.0 | 3763579.7 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000807 | 0 | 0.66216E-02 | 420693.7 | 3763570.1 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000808 | 0 | 0.66216E-02 | 420702.6 | 3763558.3 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000809 | 0 | 0.66216E-02 | 420711.5 | 3763546.5 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000810 | 0 | 0.66216E-02 | 420720.5 | 3763534.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000811 | 0 | 0.66216E-02 | 420729.4 | 3763522.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000812 | 0 | 0.66216E-02 | 420738.3 | 3763511.2 | 157.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000813 | 0 | 0.66216E-02 | 420747.3 | 3763499.4 | 157.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000814 | 0 | 0.66216E-02 | 420756.2 | 3763487.6 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000815 | 0 | 0.66216E-02 | 420765.1 | 3763475.8 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000816 | 0 | 0.66216E-02 | 420774.0 | 3763464.0 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000817 | 0 | 0.66216E-02 | 420783.0 | 3763452.2 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000818 | 0 | 0.66216E-02 | 420791.9 | 3763440.4 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000819 | 0 | 0.66216E-02 | 420800.8 | 3763428.6 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000820 | 0 | 0.66216E-02 | 420809.8 | 3763416.8 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000821 | 0 | 0.66216E-02 | 420818.7 | 3763405.1 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000822 | 0 | 0.66216E-02 | 420827.6 | 3763393.3 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0000823 | 0 | 0.66216E-02 | 420836.6 | 3763381.5 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000824 | 0 | 0.66216E-02 | 420845.5 | 3763369.7 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0000825 | 0 | 0.66216E-02 | 420854.4 | 3763357.9 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000826 | 0 | 0.66216E-02 | 420863.3 | 3763346.1 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000827 | 0 | 0.66216E-02 | 420872.3 | 3763334.3 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000828 | 0 | 0.66216E-02 | 420881.2 | 3763322.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000829 | 0 | 0.66216E-02 | 420890.1 | 3763310.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000830 | 0 | 0.66216E-02 | 420899.1 | 3763298.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000831 | 0 | 0.66216E-02 | 420908.0 | 3763287.2 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000832 | 0 | 0.66216E-02 | 420916.9 | 3763275.4 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0000833 | 0 | 0.66216E-02 | 420925.9 | 3763263.6 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0000834 | 0 | 0.66216E-02 | 420934.8 | 3763251.8 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000835 | 0 | 0.66216E-02 | 420942.9 | 3763239.5 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0000836 | 0 | 0.66216E-02 | 420949.5 | 3763226.2 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000837 | 0 | 0.66216E-02 | 420956.0 | 3763213.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0000838 | 0 | 0.66216E-02 | 420962.6 | 3763199.7 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0000839 | 0 | 0.66216E-02 | 420969.2 | 3763186.5 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0000840 | 0 | 0.66216E-02 | 420975.8 | 3763173.2 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0000841 | 0 | 0.66216E-02 | 420982.3 | 3763160.0 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0000842 | 0 | 0.66216E-02 | 420988.9 | 3763146.7 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001235 | 0 | 0.75641E-02 | 420774.7 | 3763839.2 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001236 | 0 | 0.75641E-02 | 420768.9 | 3763852.8 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001237 | 0 | 0.75641E-02 | 420762.7 | 3763866.2 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001238 | 0 | 0.75641E-02 | 420754.7 | 3763878.6 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001239 | 0 | 0.75641E-02 | 420746.6 | 3763891.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001240 | 0 | 0.75641E-02 | 420738.6 | 3763903.4 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001241 | 0 | 0.75641E-02 | 420730.5 | 3763915.8 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001242 | 0 | 0.75641E-02 | 420720.6 | 3763919.9 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001243 | 0 | 0.75641E-02 | 420707.9 | 3763912.3 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001244 | 0 | 0.75641E-02 | 420695.2 | 3763904.6 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001245 | 0 | 0.75641E-02 | 420682.6 | 3763897.0 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001246 | 0 | 0.75641E-02 | 420670.2 | 3763888.9 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001247 | 0 | 0.75641E-02 | 420658.1 | 3763880.4 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001248 | 0 | 0.75641E-02 | 420646.0 | 3763871.9 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001249 | 0 | 0.75641E-02 | 420633.9 | 3763863.4 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001250 | 0 | 0.75641E-02 | 420621.8 | 3763854.8 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001251 | 0 | 0.75641E-02 | 420609.7 | 3763846.3 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001252 | 0 | 0.75641E-02 | 420597.6 | 3763837.8 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001253 | 0 | 0.75641E-02 | 420585.5 | 3763829.3 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001254 | 0 | 0.75641E-02 | 420573.4 | 3763820.8 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001255 | 0 | 0.75641E-02 | 420561.3 | 3763812.3 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001256 | 0 | 0.75641E-02 | 420549.2 | 3763803.8 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001257 | 0 | 0.75641E-02 | 420537.2 | 3763795.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001258 | 0 | 0.75641E-02 | 420528.2 | 3763786.2 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001259 | 0 | 0.75641E-02 | 420537.1 | 3763774.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001260 | 0 | 0.75641E-02 | 420546.1 | 3763762.7 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001261 | 0 | 0.75641E-02 | 420555.0 | 3763750.9 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001262 | 0 | 0.75641E-02 | 420564.0 | 3763739.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001263 | 0 | 0.75641E-02 | 420572.9 | 3763727.4 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001264 | 0 | 0.75641E-02 | 420581.9 | 3763715.6 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001265 | 0 | 0.75641E-02 | 420590.8 | 3763703.9 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001266 | 0 | 0.75641E-02 | 420599.8 | 3763692.1 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001267 | 0 | 0.75641E-02 | 420608.8 | 3763680.3 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001268 | 0 | 0.75641E-02 | 420617.7 | 3763668.5 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001269 | 0 | 0.75641E-02 | 420626.7 | 3763656.8 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001270 | 0 | 0.75641E-02 | 420635.6 | 3763645.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001271 | 0 | 0.75641E-02 | 420644.6 | 3763633.2 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001272 | 0 | 0.75641E-02 | 420653.5 | 3763621.5 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001273 | 0 | 0.75641E-02 | 420662.5 | 3763609.7 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001274 | 0 | 0.75641E-02 | 420671.4 | 3763597.9 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001275 | 0 | 0.75641E-02 | 420680.4 | 3763586.1 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001276 | 0 | 0.75641E-02 | 420689.3 | 3763574.4 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001277 | 0 | 0.75641E-02 | 420698.3 | 3763562.6 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001278 | 0 | 0.75641E-02 | 420707.3 | 3763550.8 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001279 | 0 | 0.75641E-02 | 420716.2 | 3763539.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001280 | 0 | 0.75641E-02 | 420725.2 | 3763527.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001281 | 0 | 0.75641E-02 | 420734.1 | 3763515.5 | 158.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001282 | 0 | 0.75641E-02 | 420743.1 | 3763503.7 | 157.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001283 | 0 | 0.75641E-02 | 420752.0 | 3763492.0 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001284 | 0 | 0.75641E-02 | 420761.0 | 3763480.2 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001285 | 0 | 0.75641E-02 | 420769.9 | 3763468.4 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001286 | 0 | 0.75641E-02 | 420778.9 | 3763456.7 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001287 | 0 | 0.75641E-02 | 420787.9 | 3763444.9 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001288 | 0 | 0.75641E-02 | 420796.8 | 3763433.1 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001289 | 0 | 0.75641E-02 | 420805.8 | 3763421.4 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001290 | 0 | 0.75641E-02 | 420814.7 | 3763409.6 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001291 | 0 | 0.75641E-02 | 420823.7 | 3763397.8 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001292 | 0 | 0.75641E-02 | 420832.6 | 3763386.0 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001293 | 0 | 0.75641E-02 | 420841.6 | 3763374.3 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001294 | 0 | 0.75641E-02 | 420850.5 | 3763362.5 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001295 | 0 | 0.75641E-02 | 420859.5 | 3763350.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001296 | 0 | 0.75641E-02 | 420868.4 | 3763339.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001297 | 0 | 0.75641E-02 | 420877.4 | 3763327.2 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001298 | 0 | 0.75641E-02 | 420886.4 | 3763315.4 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001299 | 0 | 0.75641E-02 | 420895.3 | 3763303.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001300 | 0 | 0.75641E-02 | 420904.3 | 3763291.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001301 | 0 | 0.75641E-02 | 420913.2 | 3763280.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001302 | 0 | 0.75641E-02 | 420922.2 | 3763268.3 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001303 | 0 | 0.75641E-02 | 420931.1 | 3763256.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001304 | 0 | 0.75641E-02 | 420940.1 | 3763244.8 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001305 | 0 | 0.75641E-02 | 420946.8 | 3763231.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001306 | 0 | 0.75641E-02 | 420953.4 | 3763218.4 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001307 | 0 | 0.75641E-02 | 420959.9 | 3763205.1 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001308 | 0 | 0.75641E-02 | 420966.5 | 3763191.9 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001309 | 0 | 0.75641E-02 | 420973.1 | 3763178.6 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001310 | 0 | 0.75641E-02 | 420979.7 | 3763165.4 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001311 | 0 | 0.75641E-02 | 420986.2 | 3763152.1 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001312 | 0 | 0.75641E-02 | 420992.8 | 3763138.9 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001073 | 0 | 0.75926E-02 | 420816.0 | 3763747.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001074 | 0 | 0.75926E-02 | 420824.5 | 3763734.9 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001075 | 0 | 0.75926E-02 | 420833.0 | 3763722.8 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001076 | 0 | 0.75926E-02 | 420841.5 | 3763710.7 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001077 | 0 | 0.75926E-02 | 420850.0 | 3763698.6 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001078 | 0 | 0.75926E-02 | 420843.4 | 3763688.8 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001079 | 0 | 0.75926E-02 | 420831.7 | 3763679.8 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001080 | 0 | 0.75926E-02 | 420820.0 | 3763670.8 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001081 | 0 | 0.75926E-02 | 420808.2 | 3763661.8 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001082 | 0 | 0.75926E-02 | 420796.5 | 3763652.8 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001083 | 0 | 0.75926E-02 | 420784.7 | 3763643.8 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001084 | 0 | 0.75926E-02 | 420773.0 | 3763634.8 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001085 | 0 | 0.75926E-02 | 420761.3 | 3763625.8 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001086 | 0 | 0.75926E-02 | 420749.5 | 3763616.8 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001087 | 0 | 0.75926E-02 | 420737.8 | 3763607.9 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001088 | 0 | 0.75926E-02 | 420726.0 | 3763598.9 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001089 | 0 | 0.75926E-02 | 420714.3 | 3763589.9 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001090 | 0 | 0.75926E-02 | 420702.5 | 3763580.9 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001091 | 0 | 0.75926E-02 | 420692.5 | 3763571.7 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001092 | 0 | 0.75926E-02 | 420701.4 | 3763559.9 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001093 | 0 | 0.75926E-02 | 420710.4 | 3763548.1 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001094 | 0 | 0.75926E-02 | 420719.3 | 3763536.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001095 | 0 | 0.75926E-02 | 420728.2 | 3763524.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001096 | 0 | 0.75926E-02 | 420737.2 | 3763512.7 | 158.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001097 | 0 | 0.75926E-02 | 420746.1 | 3763500.9 | 157.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001098 | 0 | 0.75926E-02 | 420755.0 | 3763489.1 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001099 | 0 | 0.75926E-02 | 420763.9 | 3763477.3 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001100 | 0 | 0.75926E-02 | 420772.9 | 3763465.5 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001101 | 0 | 0.75926E-02 | 420781.8 | 3763453.8 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001102 | 0 | 0.75926E-02 | 420790.7 | 3763442.0 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001103 | 0 | 0.75926E-02 | 420799.7 | 3763430.2 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001104 | 0 | 0.75926E-02 | 420808.6 | 3763418.4 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001105 | 0 | 0.75926E-02 | 420817.5 | 3763406.6 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001106 | 0 | 0.75926E-02 | 420826.5 | 3763394.8 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001107 | 0 | 0.75926E-02 | 420835.4 | 3763383.0 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001108 | 0 | 0.75926E-02 | 420844.3 | 3763371.2 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001109 | 0 | 0.75926E-02 | 420853.2 | 3763359.4 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001110 | 0 | 0.75926E-02 | 420862.2 | 3763347.6 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001111 | 0 | 0.75926E-02 | 420871.1 | 3763335.9 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001112 | 0 | 0.75926E-02 | 420880.0 | 3763324.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001113 | 0 | 0.75926E-02 | 420889.0 | 3763312.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001114 | 0 | 0.75926E-02 | 420897.9 | 3763300.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001115 | 0 | 0.75926E-02 | 420906.8 | 3763288.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001116 | 0 | 0.75926E-02 | 420915.8 | 3763276.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001117 | 0 | 0.75926E-02 | 420924.7 | 3763265.1 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001118 | 0 | 0.75926E-02 | 420933.6 | 3763253.3 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001119 | 0 | 0.75926E-02 | 420942.0 | 3763241.2 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001120 | 0 | 0.75926E-02 | 420948.6 | 3763228.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001121 | 0 | 0.75926E-02 | 420955.2 | 3763214.7 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001122 | 0 | 0.75926E-02 | 420961.7 | 3763201.5 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001123 | 0 | 0.75926E-02 | 420968.3 | 3763188.2 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001124 | 0 | 0.75926E-02 | 420974.9 | 3763175.0 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001125 | 0 | 0.75926E-02 | 420981.5 | 3763161.7 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001126 | 0 | 0.75926E-02 | 420988.0 | 3763148.5 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001467 | 0 | 0.65476E-02 | 420868.3 | 3763944.5 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001468 | 0 | 0.65476E-02 | 420860.0 | 3763956.7 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001469 | 0 | 0.65476E-02 | 420851.7 | 3763968.9 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001470 | 0 | 0.65476E-02 | 420843.3 | 3763981.1 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001471 | 0 | 0.65476E-02 | 420835.0 | 3763993.4 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001472 | 0 | 0.65476E-02 | 420822.9 | 3763987.0 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001473 | 0 | 0.65476E-02 | 420810.4 | 3763979.0 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001474 | 0 | 0.65476E-02 | 420798.0 | 3763971.0 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001475 | 0 | 0.65476E-02 | 420785.5 | 3763963.1 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001476 | 0 | 0.65476E-02 | 420773.0 | 3763955.1 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001477 | 0 | 0.65476E-02 | 420760.6 | 3763947.1 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001478 | 0 | 0.65476E-02 | 420748.1 | 3763939.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001479 | 0 | 0.65476E-02 | 420735.7 | 3763931.2 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001480 | 0 | 0.65476E-02 | 420723.2 | 3763923.2 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001481 | 0 | 0.65476E-02 | 420710.7 | 3763915.3 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001482 | 0 | 0.65476E-02 | 420698.3 | 3763907.3 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001483 | 0 | 0.65476E-02 | 420685.8 | 3763899.3 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001484 | 0 | 0.65476E-02 | 420673.5 | 3763891.2 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001485 | 0 | 0.65476E-02 | 420661.4 | 3763882.7 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001486 | 0 | 0.65476E-02 | 420649.3 | 3763874.2 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001487 | 0 | 0.65476E-02 | 420637.2 | 3763865.7 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001488 | 0 | 0.65476E-02 | 420625.1 | 3763857.1 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001489 | 0 | 0.65476E-02 | 420613.0 | 3763848.6 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001490 | 0 | 0.65476E-02 | 420600.9 | 3763840.1 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001491 | 0 | 0.65476E-02 | 420588.8 | 3763831.6 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001492 | 0 | 0.65476E-02 | 420576.7 | 3763823.1 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001493 | 0 | 0.65476E-02 | 420564.6 | 3763814.6 | 161.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001494 | 0 | 0.65476E-02 | 420552.5 | 3763806.1 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001495 | 0 | 0.65476E-02 | 420540.4 | 3763797.5 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001496 | 0 | 0.65476E-02 | 420528.3 | 3763789.0 | 161.3 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001497 | 0 | 0.65476E-02 | 420534.7 | 3763777.7 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001498 | 0 | 0.65476E-02 | 420543.6 | 3763765.9 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001499 | 0 | 0.65476E-02 | 420552.6 | 3763754.1 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001500 | 0 | 0.65476E-02 | 420561.6 | 3763742.4 | 161.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001501 | 0 | 0.65476E-02 | 420570.5 | 3763730.6 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001502 | 0 | 0.65476E-02 | 420579.5 | 3763718.8 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001503 | 0 | 0.65476E-02 | 420588.4 | 3763707.0 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001504 | 0 | 0.65476E-02 | 420597.4 | 3763695.3 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001505 | 0 | 0.65476E-02 | 420606.3 | 3763683.5 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001506 | 0 | 0.65476E-02 | 420615.3 | 3763671.7 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001507 | 0 | 0.65476E-02 | 420624.2 | 3763660.0 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001508 | 0 | 0.65476E-02 | 420633.2 | 3763648.2 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001509 | 0 | 0.65476E-02 | 420642.1 | 3763636.4 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001510 | 0 | 0.65476E-02 | 420651.1 | 3763624.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001511 | 0 | 0.65476E-02 | 420660.1 | 3763612.9 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001512 | 0 | 0.65476E-02 | 420669.0 | 3763601.1 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001513 | 0 | 0.65476E-02 | 420678.0 | 3763589.3 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001514 | 0 | 0.65476E-02 | 420686.9 | 3763577.6 | 159.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001515 | 0 | 0.65476E-02 | 420695.9 | 3763565.8 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001516 | 0 | 0.65476E-02 | 420704.8 | 3763554.0 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001517 | 0 | 0.65476E-02 | 420713.8 | 3763542.2 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001518 | 0 | 0.65476E-02 | 420722.7 | 3763530.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001519 | 0 | 0.65476E-02 | 420731.7 | 3763518.7 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001520 | 0 | 0.65476E-02 | 420740.7 | 3763506.9 | 157.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001521 | 0 | 0.65476E-02 | 420749.6 | 3763495.2 | 158.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001522 | 0 | 0.65476E-02 | 420758.6 | 3763483.4 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001523 | 0 | 0.65476E-02 | 420767.5 | 3763471.6 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001524 | 0 | 0.65476E-02 | 420776.5 | 3763459.9 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001525 | 0 | 0.65476E-02 | 420785.4 | 3763448.1 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001526 | 0 | 0.65476E-02 | 420794.4 | 3763436.3 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001527 | 0 | 0.65476E-02 | 420803.3 | 3763424.5 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001528 | 0 | 0.65476E-02 | 420812.3 | 3763412.8 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001529 | 0 | 0.65476E-02 | 420821.2 | 3763401.0 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001530 | 0 | 0.65476E-02 | 420830.2 | 3763389.2 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001531 | 0 | 0.65476E-02 | 420839.2 | 3763377.5 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001532 | 0 | 0.65476E-02 | 420848.1 | 3763365.7 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001533 | 0 | 0.65476E-02 | 420857.1 | 3763353.9 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001534 | 0 | 0.65476E-02 | 420866.0 | 3763342.1 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001535 | 0 | 0.65476E-02 | 420875.0 | 3763330.4 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001536 | 0 | 0.65476E-02 | 420883.9 | 3763318.6 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001537 | 0 | 0.65476E-02 | 420892.9 | 3763306.8 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001538 | 0 | 0.65476E-02 | 420901.8 | 3763295.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001539 | 0 | 0.65476E-02 | 420910.8 | 3763283.3 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001540 | 0 | 0.65476E-02 | 420919.8 | 3763271.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001541 | 0 | 0.65476E-02 | 420928.7 | 3763259.7 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001542 | 0 | 0.65476E-02 | 420937.7 | 3763248.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001543 | 0 | 0.65476E-02 | 420945.0 | 3763235.2 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001544 | 0 | 0.65476E-02 | 420951.6 | 3763222.0 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001545 | 0 | 0.65476E-02 | 420958.1 | 3763208.7 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001546 | 0 | 0.65476E-02 | 420964.7 | 3763195.5 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001547 | 0 | 0.65476E-02 | 420971.3 | 3763182.2 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001548 | 0 | 0.65476E-02 | 420977.9 | 3763169.0 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001549 | 0 | 0.65476E-02 | 420984.4 | 3763155.7 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001550 | 0 | 0.65476E-02 | 420991.0 | 3763142.5 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001397 | 0 | 0.64286E-02 | 420922.6 | 3763891.9 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001398 | 0 | 0.64286E-02 | 420931.2 | 3763879.8 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001399 | 0 | 0.64286E-02 | 420939.8 | 3763867.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001400 | 0 | 0.64286E-02 | 420948.4 | 3763855.8 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001401 | 0 | 0.64286E-02 | 420957.0 | 3763843.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001402 | 0 | 0.64286E-02 | 420965.7 | 3763831.8 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001403 | 0 | 0.64286E-02 | 420974.3 | 3763819.8 | 161.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001404 | 0 | 0.64286E-02 | 420982.9 | 3763807.7 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001405 | 0 | 0.64286E-02 | 420989.9 | 3763796.0 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001406 | 0 | 0.64286E-02 | 420977.9 | 3763787.3 | 160.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001407 | 0 | 0.64286E-02 | 420966.0 | 3763778.6 | 161.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001408 | 0 | 0.64286E-02 | 420954.0 | 3763769.8 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001409 | 0 | 0.64286E-02 | 420942.1 | 3763761.1 | 160.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001410 | 0 | 0.64286E-02 | 420930.1 | 3763752.4 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001411 | 0 | 0.64286E-02 | 420918.2 | 3763743.7 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001412 | 0 | 0.64286E-02 | 420906.2 | 3763735.0 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001413 | 0 | 0.64286E-02 | 420894.3 | 3763726.2 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001414 | 0 | 0.64286E-02 | 420882.3 | 3763717.5 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001415 | 0 | 0.64286E-02 | 420870.4 | 3763708.8 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001416 | 0 | 0.64286E-02 | 420858.5 | 3763700.1 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001417 | 0 | 0.64286E-02 | 420846.6 | 3763691.2 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001418 | 0 | 0.64286E-02 | 420834.9 | 3763682.2 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001419 | 0 | 0.64286E-02 | 420823.1 | 3763673.2 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001420 | 0 | 0.64286E-02 | 420811.4 | 3763664.2 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001421 | 0 | 0.64286E-02 | 420799.6 | 3763655.2 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001422 | 0 | 0.64286E-02 | 420787.9 | 3763646.3 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001423 | 0 | 0.64286E-02 | 420776.2 | 3763637.3 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001424 | 0 | 0.64286E-02 | 420764.4 | 3763628.3 | 159.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001425 | 0 | 0.64286E-02 | 420752.7 | 3763619.3 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001426 | 0 | 0.64286E-02 | 420740.9 | 3763610.3 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001427 | 0 | 0.64286E-02 | 420729.2 | 3763601.3 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001428 | 0 | 0.64286E-02 | 420717.5 | 3763592.3 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001429 | 0 | 0.64286E-02 | 420705.7 | 3763583.3 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001430 | 0 | 0.64286E-02 | 420694.0 | 3763574.3 | 159.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001431 | 0 | 0.64286E-02 | 420699.0 | 3763563.0 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001432 | 0 | 0.64286E-02 | 420708.0 | 3763551.3 | 159.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001433 | 0 | 0.64286E-02 | 420716.9 | 3763539.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001434 | 0 | 0.64286E-02 | 420725.8 | 3763527.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001435 | 0 | 0.64286E-02 | 420734.7 | 3763515.9 | 158.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001436 | 0 | 0.64286E-02 | 420743.7 | 3763504.1 | 157.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001437 | 0 | 0.64286E-02 | 420752.6 | 3763492.3 | 158.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001438 | 0 | 0.64286E-02 | 420761.5 | 3763480.5 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001439 | 0 | 0.64286E-02 | 420770.5 | 3763468.7 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001440 | 0 | 0.64286E-02 | 420779.4 | 3763456.9 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001441 | 0 | 0.64286E-02 | 420788.3 | 3763445.1 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001442 | 0 | 0.64286E-02 | 420797.3 | 3763433.4 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001443 | 0 | 0.64286E-02 | 420806.2 | 3763421.6 | 159.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001444 | 0 | 0.64286E-02 | 420815.1 | 3763409.8 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001445 | 0 | 0.64286E-02 | 420824.0 | 3763398.0 | 159.3 | 4.15 | 6.88 | 3.26 | YES | |
| L0001446 | 0 | 0.64286E-02 | 420833.0 | 3763386.2 | 159.4 | 4.15 | 6.88 | 3.26 | YES | |
| L0001447 | 0 | 0.64286E-02 | 420841.9 | 3763374.4 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001448 | 0 | 0.64286E-02 | 420850.8 | 3763362.6 | 159.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001449 | 0 | 0.64286E-02 | 420859.8 | 3763350.8 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001450 | 0 | 0.64286E-02 | 420868.7 | 3763339.0 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001451 | 0 | 0.64286E-02 | 420877.6 | 3763327.2 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001452 | 0 | 0.64286E-02 | 420886.6 | 3763315.5 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001453 | 0 | 0.64286E-02 | 420895.5 | 3763303.7 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001454 | 0 | 0.64286E-02 | 420904.4 | 3763291.9 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001455 | 0 | 0.64286E-02 | 420913.3 | 3763280.1 | 159.8 | 4.15 | 6.88 | 3.26 | YES | |
| L0001456 | 0 | 0.64286E-02 | 420922.3 | 3763268.3 | 159.9 | 4.15 | 6.88 | 3.26 | YES | |
| L0001457 | 0 | 0.64286E-02 | 420931.2 | 3763256.5 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001458 | 0 | 0.64286E-02 | 420940.1 | 3763244.7 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001459 | 0 | 0.64286E-02 | 420946.8 | 3763231.5 | 160.0 | 4.15 | 6.88 | 3.26 | YES | |
| L0001460 | 0 | 0.64286E-02 | 420953.4 | 3763218.3 | 160.1 | 4.15 | 6.88 | 3.26 | YES | |
| L0001461 | 0 | 0.64286E-02 | 420960.0 | 3763205.0 | 160.2 | 4.15 | 6.88 | 3.26 | YES | |
| L0001462 | 0 | 0.64286E-02 | 420966.5 | 3763191.8 | 160.3 | 4.15 | 6.88 | 3.26 | YES | |

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

*** VOLUME SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC) | X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | INIT. SY (METERS) | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| L0001463 | 0 | 0.64286E-02 | 420973.1 | 3763178.5 | 160.5 | 4.15 | 6.88 | 3.26 | YES | |
| L0001464 | 0 | 0.64286E-02 | 420979.7 | 3763165.3 | 160.6 | 4.15 | 6.88 | 3.26 | YES | |
| L0001465 | 0 | 0.64286E-02 | 420986.3 | 3763152.0 | 160.7 | 4.15 | 6.88 | 3.26 | YES | |
| L0001466 | 0 | 0.64286E-02 | 420992.8 | 3763138.8 | 160.8 | 4.15 | 6.88 | 3.26 | YES | |

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

*** AREAPOLY SOURCE DATA ***

| SOURCE ID | NUMBER PART. CATS. | EMISSION RATE (GRAMS/SEC /METER**2) | LOCATION OF AREA X (METERS) | Y (METERS) | BASE ELEV. (METERS) | RELEASE HEIGHT (METERS) | NUMBER OF VERTS. | INIT. SZ (METERS) | URBAN SOURCE | EMISSION RATE SCALAR VARY BY |
|---|---|---|---|---|---|---|---|---|---|---|
| PAREA1 | 0 | 0.12267E-03 | 420682.3 | 3763876.0 | 160.7 | 4.15 | 28 | 1.93 | YES | |
| PAREA2 | 0 | 0.64622E-03 | 420814.4 | 3763971.3 | 160.8 | 4.15 | 24 | 1.93 | YES | |
| PAREA3 | 0 | 0.28546E-03 | 420785.3 | 3763844.0 | 160.0 | 4.15 | 20 | 1.93 | YES | |
| PAREA4 | 0 | 0.26499E-03 | 420877.5 | 3763950.0 | 160.5 | 4.15 | 19 | 1.93 | YES | |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| B1_TR_ON | PAREA1 , |
| B1_ROUTE | L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , |
| | L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , |
| | L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , |
| | L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , |
| | L0000650 , L0000651 , L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , |
| | L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , |
| | L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , |
| | L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , |
| | L0000682 , L0000683 , L0000684 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , |
| | L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , |
| | L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , L0000578 , L0000579 , |
| | L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , L0000586 , L0000587 , |
| | L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 , |
| | L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 , |
| | L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 , |
| | L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , |
| B1_IDLE | STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , |
| | STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , |
| | STCK17 , STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| B2_TR_ON | PAREA2 , |
| B2_ROUTE | L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , |
| | L0000925 , L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , |
| | L0000933 , L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , |
| | L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , |
| | L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , |
| | L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , |
| | L0000965 , L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , |
| | L0000973 , L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , |
| | L0000981 , L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , |
| | L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000769 , L0000770 , |
| | L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , |
| | L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , |
| | L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , |
| | L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , |
| | L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , |
| | L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , |
| | L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , |
| | L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , |
| | L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| B2_IDLE | STCK25 , STCK26 , STCK27 , |
| B3_TR_ON | PAREA3 , |
| B3_ROUTE | L0001235 , L0001236 , L0001237 , L0001238 , L0001239 , L0001240 , L0001241 , L0001242 , |
| | L0001243 , L0001244 , L0001245 , L0001246 , L0001247 , L0001248 , L0001249 , L0001250 , |
| | L0001251 , L0001252 , L0001253 , L0001254 , L0001255 , L0001256 , L0001257 , L0001258 , |
| | L0001259 , L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , |
| | L0001267 , L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , |
| | L0001275 , L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , |
| | L0001283 , L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 , |
| | L0001291 , L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 , |
| | L0001299 , L0001300 , L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 , |
| | L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001073 , L0001074 , |
| | L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , |
| | L0001083 , L0001084 , L0001085 , L0001086 , L0001087 , L0001088 , L0001089 , L0001090 , |
| | L0001091 , L0001092 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , |
| | L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001104 , L0001105 , L0001106 , |
| | L0001107 , L0001108 , L0001109 , L0001110 , L0001111 , L0001112 , L0001113 , L0001114 , |
| | L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , |
| | L0001123 , L0001124 , L0001125 , L0001126 , |
| B3_IDLE | STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , STCK33 , STCK34 , STCK35 , |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| | STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , STCK41 , |
| B4_TR_ON | PAREA4 , |
| B4_ROUTE | L0001467 , L0001468 , L0001469 , L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , |
| | L0001475 , L0001476 , L0001477 , L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , |
| | L0001483 , L0001484 , L0001485 , L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , |
| | L0001491 , L0001492 , L0001493 , L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , |
| | L0001499 , L0001500 , L0001501 , L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , |
| | L0001507 , L0001508 , L0001509 , L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , |
| | L0001515 , L0001516 , L0001517 , L0001518 , L0001519 , L0001520 , L0001521 , L0001522 , |
| | L0001523 , L0001524 , L0001525 , L0001526 , L0001527 , L0001528 , L0001529 , L0001530 , |
| | L0001531 , L0001532 , L0001533 , L0001534 , L0001535 , L0001536 , L0001537 , L0001538 , |
| | L0001539 , L0001540 , L0001541 , L0001542 , L0001543 , L0001544 , L0001545 , L0001546 , |
| | L0001547 , L0001548 , L0001549 , L0001550 , L0001397 , L0001398 , L0001399 , L0001400 , |
| | L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 , |
| | L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 , |
| | L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , |
| | L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 , |
| | L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , |
| | L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 , L0001448 , |
| | L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 , L0001456 , |

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|---|---|
| | L0001457 , L0001458 , L0001459 , L0001460 , L0001461 , L0001462 , L0001463 , L0001464 , |
| | L0001465 , L0001466 , |
| B4_IDLE | STCK42 , STCK43 , STCK44 , STCK45 , STCK46 , STCK47 , STCK48 , STCK49 , |
| | STCK50 , STCK51 , STCK52 , STCK53 , STCK54 , |

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

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

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|
| | 9830000. | STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 , STCK8 , |
| | | STCK9 , STCK10 , STCK11 , STCK12 , STCK13 , STCK14 , STCK15 , STCK16 , |
| | | STCK17 , STCK18 , STCK19 , STCK20 , STCK21 , STCK22 , STCK23 , STCK24 , |
| | | STCK25 , STCK26 , STCK27 , STCK28 , STCK29 , STCK30 , STCK31 , STCK32 , |
| | | STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 , |
| | | STCK41 , STCK42 , STCK43 , STCK44 , STCK45 , STCK46 , STCK47 , STCK48 , |
| | | STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 , PAREA1 , PAREA2 , |
| | | PAREA3 , PAREA4 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 , |
| | | L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , |
| | | L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , |
| | | L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , |
| | | L0000648 , L0000649 , L0000650 , L0000651 , L0000652 , L0000653 , L0000654 , L0000655 , |
| | | L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , |
| | | L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , |
| | | L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , |
| | | L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000559 , L0000560 , L0000561 , |
| | | L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , |
| | | L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 , L0000576 , L0000577 , |
| | | L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 , L0000584 , L0000585 , |
| | | L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , |

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

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

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

L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 ,
L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 ,
L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 ,
L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 ,
L0000925 , L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 , L0000932 ,
L0000933 , L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 , L0000940 ,
L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 ,
L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 ,
L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 ,
L0000965 , L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 ,
L0000973 , L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 ,
L0000981 , L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 ,
L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000769 , L0000770 ,
L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 ,
L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 ,
L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 ,
L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 ,
L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 ,
L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 ,

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

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

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

L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 ,
L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 ,
L0001235 , L0001236 , L0001237 , L0001238 , L0001239 , L0001240 , L0001241 , L0001242 ,
L0001243 , L0001244 , L0001245 , L0001246 , L0001247 , L0001248 , L0001249 , L0001250 ,
L0001251 , L0001252 , L0001253 , L0001254 , L0001255 , L0001256 , L0001257 , L0001258 ,
L0001259 , L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 ,
L0001267 , L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 ,
L0001275 , L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 ,
L0001283 , L0001284 , L0001285 , L0001286 , L0001287 , L0001288 , L0001289 , L0001290 ,
L0001291 , L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 ,
L0001299 , L0001300 , L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 ,
L0001307 , L0001308 , L0001309 , L0001310 , L0001311 , L0001312 , L0001073 , L0001074 ,
L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001082 ,
L0001083 , L0001084 , L0001085 , L0001086 , L0001087 , L0001088 , L0001089 , L0001090 ,
L0001091 , L0001092 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 ,
L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001104 , L0001105 , L0001106 ,
L0001107 , L0001108 , L0001109 , L0001110 , L0001111 , L0001112 , L0001113 , L0001114 ,
L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 ,
L0001123 , L0001124 , L0001125 , L0001126 , L0001467 , L0001468 , L0001469 , L0001470 ,
L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 ,

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

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

| URBAN ID | URBAN POP | SOURCE IDs |
|---|---|---|
| | | L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , |
| | | L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , |
| | | L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 , L0001501 , L0001502 , |
| | | L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 , L0001509 , L0001510 , |
| | | L0001511 , L0001512 , L0001513 , L0001514 , L0001515 , L0001516 , L0001517 , L0001518 , |
| | | L0001519 , L0001520 , L0001521 , L0001522 , L0001523 , L0001524 , L0001525 , L0001526 , |
| | | L0001527 , L0001528 , L0001529 , L0001530 , L0001531 , L0001532 , L0001533 , L0001534 , |
| | | L0001535 , L0001536 , L0001537 , L0001538 , L0001539 , L0001540 , L0001541 , L0001542 , |
| | | L0001543 , L0001544 , L0001545 , L0001546 , L0001547 , L0001548 , L0001549 , L0001550 , |
| | | L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , |
| | | L0001405 , L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , |
| | | L0001413 , L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , |
| | | L0001421 , L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , |
| | | L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , |
| | | L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , |
| | | L0001445 , L0001446 , L0001447 , L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , |
| | | L0001453 , L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , |
| | | L0001461 , L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)(METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420162.2, | 3763821.0, | 163.2, | 168.8, | 0.0); | ( 420180.6, | 3763830.0, | 163.6, | 163.6, | 0.0); |
| ( 420200.6, | 3763830.0, | 163.7, | 163.7, | 0.0); | ( 420200.6, | 3763850.0, | 163.6, | 163.6, | 0.0); |
| ( 420220.6, | 3763850.0, | 163.7, | 163.7, | 0.0); | ( 420240.6, | 3763850.0, | 163.6, | 163.6, | 0.0); |
| ( 420160.6, | 3763870.0, | 163.9, | 163.9, | 0.0); | ( 420180.6, | 3763870.0, | 163.8, | 163.8, | 0.0); |
| ( 420220.6, | 3763870.0, | 163.8, | 163.8, | 0.0); | ( 420240.6, | 3763870.0, | 164.0, | 164.0, | 0.0); |
| ( 420260.6, | 3763870.0, | 163.8, | 163.8, | 0.0); | ( 420160.6, | 3763890.0, | 164.1, | 164.1, | 0.0); |
| ( 420200.6, | 3763890.0, | 163.9, | 163.9, | 0.0); | ( 420260.6, | 3763890.0, | 163.9, | 163.9, | 0.0); |
| ( 420280.6, | 3763890.0, | 164.2, | 164.2, | 0.0); | ( 420140.6, | 3763910.0, | 163.9, | 163.9, | 0.0); |
| ( 420200.6, | 3763910.0, | 164.4, | 164.4, | 0.0); | ( 420220.6, | 3763910.0, | 164.0, | 164.0, | 0.0); |
| ( 420280.6, | 3763910.0, | 164.0, | 164.0, | 0.0); | ( 420300.6, | 3763910.0, | 164.2, | 164.2, | 0.0); |
| ( 420160.6, | 3763930.0, | 164.5, | 164.5, | 0.0); | ( 420180.6, | 3763930.0, | 164.8, | 164.8, | 0.0); |
| ( 420220.6, | 3763930.0, | 164.4, | 164.4, | 0.0); | ( 420240.6, | 3763930.0, | 164.4, | 164.4, | 0.0); |
| ( 420260.6, | 3763930.0, | 164.0, | 164.0, | 0.0); | ( 420320.6, | 3763930.0, | 164.4, | 164.4, | 0.0); |
| ( 420340.6, | 3763930.0, | 164.5, | 164.5, | 0.0); | ( 420120.6, | 3763950.0, | 164.7, | 164.7, | 0.0); |
| ( 420140.6, | 3763950.0, | 164.8, | 164.8, | 0.0); | ( 420200.6, | 3763950.0, | 164.8, | 164.8, | 0.0); |
| ( 420220.6, | 3763950.0, | 164.9, | 164.9, | 0.0); | ( 420260.6, | 3763950.0, | 164.5, | 164.5, | 0.0); |
| ( 420280.6, | 3763950.0, | 164.3, | 164.3, | 0.0); | ( 420340.6, | 3763950.0, | 164.4, | 164.4, | 0.0); |
| ( 420360.6, | 3763950.0, | 164.4, | 164.4, | 0.0); | ( 420120.6, | 3763970.0, | 165.0, | 165.0, | 0.0); |
| ( 420140.6, | 3763970.0, | 165.2, | 165.2, | 0.0); | ( 420160.6, | 3763970.0, | 164.8, | 164.8, | 0.0); |
| ( 420240.6, | 3763970.0, | 165.0, | 165.0, | 0.0); | ( 420300.6, | 3763970.0, | 164.4, | 164.4, | 0.0); |
| ( 420340.6, | 3763970.0, | 164.5, | 164.5, | 0.0); | ( 420360.6, | 3763970.0, | 164.4, | 164.4, | 0.0); |
| ( 420100.6, | 3763990.0, | 164.8, | 164.8, | 0.0); | ( 420120.6, | 3763990.0, | 165.1, | 165.1, | 0.0); |
| ( 420160.6, | 3763990.0, | 165.2, | 165.2, | 0.0); | ( 420180.6, | 3763990.0, | 164.8, | 164.8, | 0.0); |
| ( 420240.6, | 3763990.0, | 165.0, | 165.0, | 0.0); | ( 420260.6, | 3763990.0, | 165.2, | 165.2, | 0.0); |
| ( 420280.6, | 3763990.0, | 165.0, | 165.0, | 0.0); | ( 420340.6, | 3763990.0, | 164.5, | 164.5, | 0.0); |
| ( 420120.6, | 3764010.0, | 165.2, | 165.2, | 0.0); | ( 420140.6, | 3764010.0, | 165.3, | 165.3, | 0.0); |
| ( 420160.6, | 3764010.0, | 164.9, | 164.9, | 0.0); | ( 420200.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( 420220.6, | 3764010.0, | 165.0, | 165.0, | 0.0); | ( 420280.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( 420320.6, | 3764010.0, | 164.7, | 164.7, | 0.0); | ( 420400.6, | 3764010.0, | 164.9, | 164.9, | 0.0); |
| ( 420420.6, | 3764010.0, | 164.8, | 164.8, | 0.0); | ( 420440.6, | 3764010.0, | 164.8, | 164.8, | 0.0); |
| ( 420180.6, | 3764030.0, | 165.1, | 165.1, | 0.0); | ( 420200.6, | 3764030.0, | 165.3, | 165.3, | 0.0); |
| ( 420240.6, | 3764030.0, | 165.0, | 165.0, | 0.0); | ( 420300.6, | 3764030.0, | 164.7, | 164.7, | 0.0); |
| ( 420320.6, | 3764030.0, | 164.8, | 164.8, | 0.0); | ( 420400.6, | 3764030.0, | 165.0, | 165.0, | 0.0); |
| ( 420440.6, | 3764030.0, | 164.8, | 164.8, | 0.0); | ( 420460.6, | 3764030.0, | 164.6, | 164.6, | 0.0); |
| ( 420180.6, | 3764050.0, | 165.6, | 165.6, | 0.0); | ( 420200.6, | 3764050.0, | 165.7, | 165.7, | 0.0); |
| ( 420240.6, | 3764050.0, | 165.4, | 165.4, | 0.0); | ( 420280.6, | 3764050.0, | 165.0, | 165.0, | 0.0); |
| ( 420380.6, | 3764050.0, | 165.2, | 165.2, | 0.0); | ( 420480.6, | 3764050.0, | 164.5, | 164.5, | 0.0); |
| ( 420200.6, | 3764070.0, | 165.8, | 165.8, | 0.0); | ( 420220.6, | 3764070.0, | 165.5, | 165.5, | 0.0); |
| ( 420260.6, | 3764070.0, | 165.2, | 165.2, | 0.0); | ( 420280.6, | 3764070.0, | 165.4, | 165.4, | 0.0); |
| ( 420360.6, | 3764070.0, | 165.2, | 165.2, | 0.0); | ( 420420.6, | 3764070.0, | 165.0, | 165.0, | 0.0); |
| ( 420440.6, | 3764070.0, | 164.9, | 164.9, | 0.0); | ( 420260.6, | 3764090.0, | 165.6, | 165.6, | 0.0); |
| ( 420340.6, | 3764090.0, | 165.4, | 165.4, | 0.0); | ( 420400.6, | 3764090.0, | 165.0, | 165.0, | 0.0); |
| ( 420420.6, | 3764090.0, | 165.1, | 165.1, | 0.0); | ( 420440.6, | 3764090.0, | 165.0, | 165.0, | 0.0); |
| ( 420460.6, | 3764090.0, | 164.6, | 164.6, | 0.0); | ( 420260.6, | 3764110.0, | 166.1, | 166.1, | 0.0); |
| ( 420340.6, | 3764110.0, | 165.6, | 165.6, | 0.0); | ( 420400.6, | 3764110.0, | 165.3, | 165.3, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420420.6, | 3764110.0, | 165.2, | 165.2, | 0.0); | ( 420440.6, | 3764110.0, | 164.9, | 164.9, | 0.0); |
| ( 420320.6, | 3764130.0, | 166.1, | 166.1, | 0.0); | ( 420380.6, | 3764130.0, | 165.5, | 165.5, | 0.0); |
| ( 420400.6, | 3764130.0, | 165.4, | 165.4, | 0.0); | ( 420420.6, | 3764130.0, | 165.1, | 165.1, | 0.0); |
| ( 420360.6, | 3764150.0, | 165.7, | 165.7, | 0.0); | ( 420400.6, | 3764150.0, | 165.5, | 165.5, | 0.0); |
| ( 420340.6, | 3764170.0, | 166.1, | 166.1, | 0.0); | ( 420380.6, | 3764170.0, | 165.9, | 165.9, | 0.0); |
| ( 420400.6, | 3764170.0, | 165.6, | 165.6, | 0.0); | ( 420380.6, | 3764190.0, | 166.0, | 166.0, | 0.0); |
| ( 420714.6, | 3764272.4, | 163.7, | 163.7, | 0.0); | ( 420734.6, | 3764284.4, | 163.8, | 163.8, | 0.0); |
| ( 420754.6, | 3764284.4, | 163.6, | 163.6, | 0.0); | ( 420280.6, | 3763433.1, | 159.1, | 189.6, | 0.0); |
| ( 420260.6, | 3763453.1, | 159.4, | 189.6, | 0.0); | ( 420260.6, | 3763473.1, | 159.8, | 189.6, | 0.0); |
| ( 420233.6, | 3763487.8, | 160.2, | 189.6, | 0.0); | ( 420253.6, | 3763507.8, | 160.3, | 188.8, | 0.0); |
| ( 420200.6, | 3763533.1, | 160.7, | 189.6, | 0.0); | ( 420223.5, | 3763541.3, | 160.7, | 188.8, | 0.0); |
| ( 420240.6, | 3763533.1, | 160.6, | 181.8, | 0.0); | ( 420179.2, | 3763563.8, | 161.3, | 196.5, | 0.0); |
| ( 420200.6, | 3763573.1, | 161.5, | 161.5, | 0.0); | ( 420234.6, | 3763578.6, | 160.9, | 160.9, | 0.0); |
| ( 420200.6, | 3763593.1, | 161.6, | 161.6, | 0.0); | ( 420160.6, | 3763613.1, | 161.5, | 196.5, | 0.0); |
| ( 420138.2, | 3763640.2, | 161.9, | 196.8, | 0.0); | ( 420200.6, | 3763613.1, | 161.4, | 161.4, | 0.0); |
| ( 420180.6, | 3763633.1, | 161.8, | 194.6, | 0.0); | ( 420172.2, | 3763656.0, | 162.1, | 194.6, | 0.0); |
| ( 420160.6, | 3763673.1, | 162.0, | 196.5, | 0.0); | ( 420160.6, | 3763693.1, | 162.0, | 196.5, | 0.0); |
| ( 420092.8, | 3763719.3, | 162.5, | 196.8, | 0.0); | ( 420140.6, | 3763713.1, | 162.1, | 196.8, | 0.0); |
| ( 420120.6, | 3763733.1, | 162.2, | 196.8, | 0.0); | ( 420804.9, | 3764263.3, | 163.5, | 195.8, | 0.0); |
| ( 420820.9, | 3764270.7, | 163.5, | 196.8, | 0.0); | ( 420839.9, | 3764276.5, | 163.5, | 196.8, | 0.0); |
| ( 420860.7, | 3764279.5, | 163.7, | 196.8, | 0.0); | ( 420880.7, | 3764279.5, | 163.9, | 197.1, | 0.0); |
| ( 420892.7, | 3764288.8, | 164.4, | 197.1, | 0.0); | ( 420900.7, | 3764299.5, | 164.2, | 197.1, | 0.0); |
| ( 420920.7, | 3764299.5, | 164.0, | 197.3, | 0.0); | ( 420980.7, | 3764299.5, | 163.7, | 197.3, | 0.0); |
| ( 420740.7, | 3764319.5, | 163.9, | 195.8, | 0.0); | ( 420780.7, | 3764319.5, | 163.8, | 196.8, | 0.0); |
| ( 420800.7, | 3764319.5, | 164.0, | 197.1, | 0.0); | ( 420820.7, | 3764319.5, | 164.0, | 197.1, | 0.0); |
| ( 420840.7, | 3764319.5, | 164.1, | 197.1, | 0.0); | ( 420940.7, | 3764319.5, | 164.5, | 197.3, | 0.0); |
| ( 420980.7, | 3764319.5, | 164.5, | 197.3, | 0.0); | ( 421003.3, | 3764310.5, | 164.5, | 197.3, | 0.0); |
| ( 421023.3, | 3764310.5, | 165.5, | 197.3, | 0.0); | ( 421043.3, | 3764310.5, | 165.6, | 197.1, | 0.0); |
| ( 421063.3, | 3764310.5, | 165.8, | 197.1, | 0.0); | ( 421083.3, | 3764310.5, | 166.0, | 197.1, | 0.0); |
| ( 421103.3, | 3764310.5, | 166.1, | 196.8, | 0.0); | ( 421123.3, | 3764310.5, | 166.1, | 196.8, | 0.0); |
| ( 421143.3, | 3764310.5, | 166.2, | 196.2, | 0.0); | ( 421163.3, | 3764310.5, | 166.2, | 196.2, | 0.0); |
| ( 421183.3, | 3764310.5, | 166.3, | 196.2, | 0.0); | ( 421203.3, | 3764310.5, | 166.3, | 195.4, | 0.0); |
| ( 421223.3, | 3764310.5, | 166.1, | 193.0, | 0.0); | ( 421243.3, | 3764310.5, | 166.0, | 192.2, | 0.0); |
| ( 421263.3, | 3764310.5, | 166.0, | 166.0, | 0.0); | ( 421283.3, | 3764310.5, | 165.9, | 165.9, | 0.0); |
| ( 421303.3, | 3764310.5, | 165.8, | 165.8, | 0.0); | ( 420760.7, | 3764339.5, | 163.9, | 197.1, | 0.0); |
| ( 420860.7, | 3764339.5, | 164.2, | 197.3, | 0.0); | ( 420880.7, | 3764339.5, | 164.2, | 197.3, | 0.0); |
| ( 420920.7, | 3764339.5, | 164.4, | 197.3, | 0.0); | ( 420980.7, | 3764339.5, | 165.4, | 197.3, | 0.0); |
| ( 420700.4, | 3764305.4, | 164.7, | 164.7, | 0.0); | ( 420780.7, | 3764359.5, | 164.3, | 197.3, | 0.0); |
| ( 420800.7, | 3764359.5, | 164.4, | 197.3, | 0.0); | ( 420823.9, | 3764366.2, | 164.6, | 197.3, | 0.0); |
| ( 420920.7, | 3764359.5, | 165.5, | 197.3, | 0.0); | ( 420980.7, | 3764359.5, | 166.8, | 197.3, | 0.0); |
| ( 421011.0, | 3764363.2, | 166.3, | 197.3, | 0.0); | ( 421031.0, | 3764363.2, | 166.2, | 197.3, | 0.0); |
| ( 421051.0, | 3764363.2, | 166.4, | 197.3, | 0.0); | ( 421071.0, | 3764363.2, | 166.5, | 197.3, | 0.0); |
| ( 421091.0, | 3764363.2, | 166.7, | 197.3, | 0.0); | ( 421111.0, | 3764363.2, | 166.8, | 197.3, | 0.0); |
| ( 421131.0, | 3764363.2, | 167.1, | 197.3, | 0.0); | ( 421151.0, | 3764363.2, | 167.3, | 197.2, | 0.0); |
| ( 421171.0, | 3764363.2, | 166.9, | 196.8, | 0.0); | ( 421191.0, | 3764368.8, | 167.1, | 196.8, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 421210.2, | 3764368.4, | 166.9, | 196.8, | 0.0); | ( 421230.2, | 3764368.4, | 166.6, | 196.2, | 0.0); |
| ( 421250.2, | 3764368.4, | 166.5, | 195.8, | 0.0); | ( 421270.2, | 3764368.4, | 166.4, | 193.0, | 0.0); |
| ( 421290.2, | 3764368.4, | 166.3, | 192.2, | 0.0); | ( 421310.2, | 3764368.4, | 166.1, | 184.2, | 0.0); |
| ( 420843.6, | 3764371.6, | 164.9, | 197.3, | 0.0); | ( 420860.7, | 3764379.5, | 165.3, | 197.3, | 0.0); |
| ( 420880.7, | 3764379.5, | 166.1, | 197.3, | 0.0); | ( 420898.4, | 3764385.3, | 166.9, | 197.3, | 0.0); |
| ( 420980.7, | 3764379.5, | 168.6, | 197.3, | 0.0); | ( 420760.7, | 3764399.5, | 164.6, | 197.3, | 0.0); |
| ( 420780.7, | 3764399.5, | 164.7, | 197.3, | 0.0); | ( 420920.7, | 3764399.5, | 167.7, | 197.3, | 0.0); |
| ( 420940.7, | 3764399.5, | 167.4, | 197.3, | 0.0); | ( 420980.7, | 3764399.5, | 170.5, | 197.3, | 0.0); |
| ( 420746.3, | 3764412.5, | 164.9, | 197.3, | 0.0); | ( 420780.7, | 3764419.5, | 165.4, | 197.3, | 0.0); |
| ( 420820.7, | 3764419.5, | 164.7, | 197.3, | 0.0); | ( 420840.7, | 3764419.5, | 165.0, | 197.3, | 0.0); |
| ( 420940.7, | 3764419.5, | 168.9, | 197.3, | 0.0); | ( 420980.7, | 3764419.5, | 172.2, | 197.3, | 0.0); |
| ( 421013.1, | 3764405.8, | 172.9, | 197.3, | 0.0); | ( 421033.1, | 3764405.8, | 173.7, | 197.3, | 0.0); |
| ( 421053.1, | 3764405.8, | 174.0, | 197.3, | 0.0); | ( 421073.1, | 3764405.8, | 174.3, | 197.2, | 0.0); |
| ( 421093.1, | 3764405.8, | 174.6, | 196.8, | 0.0); | ( 421113.1, | 3764405.8, | 175.0, | 196.8, | 0.0); |
| ( 421133.1, | 3764405.8, | 175.5, | 196.2, | 0.0); | ( 421160.7, | 3764419.5, | 177.5, | 194.0, | 0.0); |
| ( 421180.7, | 3764419.5, | 177.1, | 192.2, | 0.0); | ( 421220.7, | 3764419.5, | 169.6, | 196.8, | 0.0); |
| ( 421233.3, | 3764408.3, | 168.2, | 196.8, | 0.0); | ( 421253.3, | 3764408.3, | 168.1, | 195.8, | 0.0); |
| ( 421273.3, | 3764408.3, | 167.5, | 195.8, | 0.0); | ( 421293.3, | 3764408.3, | 167.2, | 194.3, | 0.0); |
| ( 420746.3, | 3764432.5, | 165.5, | 197.3, | 0.0); | ( 420780.7, | 3764439.5, | 165.7, | 197.3, | 0.0); |
| ( 420820.7, | 3764439.5, | 165.1, | 197.3, | 0.0); | ( 420860.7, | 3764439.5, | 166.3, | 197.3, | 0.0); |
| ( 420880.7, | 3764439.5, | 166.9, | 197.3, | 0.0); | ( 420940.7, | 3764439.5, | 169.5, | 197.3, | 0.0); |
| ( 420980.7, | 3764439.5, | 173.4, | 197.3, | 0.0); | ( 420994.2, | 3764453.0, | 174.4, | 197.3, | 0.0); |
| ( 421014.2, | 3764453.0, | 175.0, | 197.3, | 0.0); | ( 421034.2, | 3764453.0, | 175.6, | 197.3, | 0.0); |
| ( 421054.2, | 3764453.0, | 176.0, | 197.3, | 0.0); | ( 421074.2, | 3764453.0, | 176.3, | 197.3, | 0.0); |
| ( 421094.2, | 3764453.0, | 176.5, | 197.3, | 0.0); | ( 421114.2, | 3764453.0, | 176.9, | 197.2, | 0.0); |
| ( 421134.2, | 3764453.0, | 177.6, | 196.8, | 0.0); | ( 421180.7, | 3764439.5, | 178.6, | 192.2, | 0.0); |
| ( 421220.7, | 3764439.5, | 170.6, | 196.8, | 0.0); | ( 420737.0, | 3764453.0, | 165.9, | 197.3, | 0.0); |
| ( 420780.7, | 3764459.5, | 165.9, | 197.3, | 0.0); | ( 420820.7, | 3764459.5, | 165.9, | 197.3, | 0.0); |
| ( 420920.7, | 3764459.5, | 171.1, | 197.3, | 0.0); | ( 421134.2, | 3764473.0, | 179.9, | 196.8, | 0.0); |
| ( 421180.7, | 3764459.5, | 180.1, | 192.2, | 0.0); | ( 421200.7, | 3764459.5, | 180.3, | 182.3, | 0.0); |
| ( 421233.3, | 3764448.3, | 170.5, | 196.8, | 0.0); | ( 421252.3, | 3764459.0, | 168.7, | 196.8, | 0.0); |
| ( 421293.3, | 3764448.3, | 167.1, | 195.8, | 0.0); | ( 420737.0, | 3764473.0, | 166.2, | 197.3, | 0.0); |
| ( 420820.7, | 3764479.5, | 166.8, | 197.3, | 0.0); | ( 420871.8, | 3764475.0, | 172.9, | 197.3, | 0.0); |
| ( 420920.7, | 3764479.5, | 173.4, | 197.3, | 0.0); | ( 421180.7, | 3764479.5, | 181.6, | 191.0, | 0.0); |
| ( 421200.7, | 3764479.5, | 182.6, | 182.6, | 0.0); | ( 421260.7, | 3764479.5, | 169.6, | 196.8, | 0.0); |
| ( 421280.7, | 3764479.5, | 167.6, | 196.8, | 0.0); | ( 420737.0, | 3764493.0, | 166.6, | 197.3, | 0.0); |
| ( 420767.7, | 3764492.5, | 167.0, | 197.3, | 0.0); | ( 420820.7, | 3764499.5, | 167.8, | 197.3, | 0.0); |
| ( 420871.8, | 3764495.0, | 174.9, | 197.3, | 0.0); | ( 420920.7, | 3764499.5, | 174.7, | 197.3, | 0.0); |
| ( 421114.2, | 3764513.0, | 188.9, | 191.0, | 0.0); | ( 421134.2, | 3764513.0, | 187.3, | 187.3, | 0.0); |
| ( 421200.7, | 3764499.5, | 183.9, | 183.9, | 0.0); | ( 421280.7, | 3764499.5, | 167.7, | 197.2, | 0.0); |
| ( 420730.5, | 3764507.7, | 166.7, | 197.3, | 0.0); | ( 420767.7, | 3764512.5, | 167.8, | 197.3, | 0.0); |
| ( 420820.7, | 3764519.5, | 169.1, | 197.3, | 0.0); | ( 420871.8, | 3764515.0, | 176.6, | 197.3, | 0.0); |
| ( 420920.7, | 3764519.5, | 177.5, | 197.3, | 0.0); | ( 421000.3, | 3764522.3, | 194.2, | 196.2, | 0.0); |
| ( 421020.3, | 3764522.3, | 194.7, | 194.7, | 0.0); | ( 421040.3, | 3764522.3, | 193.9, | 193.9, | 0.0); |
| ( 421060.3, | 3764522.3, | 192.8, | 192.8, | 0.0); | ( 421080.3, | 3764522.3, | 191.5, | 191.5, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 421200.7, | 3764519.5, | 184.5, | 184.5, | 0.0); | ( 421280.7, | 3764519.5, | 167.8, | 197.2, | 0.0); |
| ( 420730.5, | 3764527.7, | 167.0, | 197.3, | 0.0); | ( 420767.7, | 3764532.5, | 168.6, | 197.3, | 0.0); |
| ( 420820.7, | 3764539.5, | 170.7, | 197.3, | 0.0); | ( 420860.7, | 3764539.5, | 177.8, | 197.3, | 0.0); |
| ( 420920.7, | 3764539.5, | 180.2, | 197.3, | 0.0); | ( 420980.7, | 3764539.5, | 196.1, | 196.1, | 0.0); |
| ( 421160.7, | 3764539.5, | 186.2, | 186.2, | 0.0); | ( 421180.7, | 3764539.5, | 185.1, | 185.1, | 0.0); |
| ( 421280.7, | 3764539.5, | 167.9, | 197.2, | 0.0); | ( 420860.7, | 3764559.5, | 179.7, | 197.3, | 0.0); |
| ( 420909.1, | 3764562.6, | 180.8, | 197.3, | 0.0); | ( 420980.7, | 3764559.5, | 196.4, | 196.4, | 0.0); |
| ( 421040.7, | 3764559.5, | 195.5, | 195.5, | 0.0); | ( 421080.7, | 3764559.5, | 191.8, | 195.8, | 0.0); |
| ( 421100.7, | 3764559.5, | 190.8, | 190.8, | 0.0); | ( 421120.7, | 3764559.5, | 189.6, | 194.3, | 0.0); |
| ( 421140.7, | 3764559.5, | 188.5, | 194.3, | 0.0); | ( 421160.7, | 3764559.5, | 187.2, | 187.2, | 0.0); |
| ( 420960.7, | 3764579.5, | 194.9, | 197.1, | 0.0); | ( 421020.7, | 3764579.5, | 196.1, | 196.1, | 0.0); |
| ( 420680.8, | 3764330.6, | 165.4, | 165.4, | 0.0); | ( 420720.8, | 3764330.6, | 164.6, | 164.6, | 0.0); |
| ( 420660.8, | 3764350.6, | 165.6, | 165.6, | 0.0); | ( 420692.0, | 3764426.0, | 165.4, | 196.8, | 0.0); |
| ( 420720.8, | 3764350.6, | 164.2, | 195.8, | 0.0); | ( 420660.8, | 3764370.6, | 166.0, | 166.0, | 0.0); |
| ( 420700.8, | 3764370.6, | 165.3, | 165.3, | 0.0); | ( 420700.8, | 3764390.6, | 165.4, | 195.8, | 0.0); |
| ( 420700.8, | 3764410.6, | 165.2, | 196.8, | 0.0); | ( 420680.8, | 3764450.6, | 166.3, | 186.1, | 0.0); |
| ( 420680.8, | 3764470.6, | 166.8, | 190.6, | 0.0); | ( 420680.8, | 3764490.6, | 167.2, | 192.1, | 0.0); |
| ( 420101.1, | 3763674.8, | 161.8, | 196.8, | 0.0); | ( 420083.5, | 3763665.6, | 161.8, | 196.8, | 0.0); |
| ( 420070.9, | 3763688.2, | 161.9, | 196.8, | 0.0); | ( 420083.0, | 3763697.5, | 162.1, | 196.8, | 0.0); |
| ( 420043.6, | 3763644.2, | 162.0, | 196.8, | 0.0); | ( 420057.5, | 3763625.3, | 161.9, | 196.8, | 0.0); |
| ( 420067.1, | 3763611.9, | 162.0, | 196.8, | 0.0); | ( 420079.7, | 3763600.6, | 161.9, | 196.8, | 0.0); |
| ( 420101.5, | 3763588.4, | 161.6, | 196.8, | 0.0); | ( 420107.8, | 3763573.3, | 161.7, | 196.8, | 0.0); |
| ( 420119.5, | 3763558.7, | 161.5, | 196.8, | 0.0); | ( 420130.0, | 3763541.1, | 161.6, | 196.8, | 0.0); |
| ( 420141.8, | 3763528.9, | 161.5, | 196.8, | 0.0); | ( 420177.1, | 3763505.1, | 160.8, | 196.5, | 0.0); |
| ( 420182.5, | 3763490.5, | 161.0, | 194.4, | 0.0); | ( 420189.8, | 3763470.2, | 160.4, | 189.6, | 0.0); |
| ( 420205.2, | 3763456.3, | 160.0, | 189.6, | 0.0); | ( 420211.9, | 3763443.9, | 159.9, | 189.6, | 0.0); |
| ( 420221.3, | 3763427.5, | 159.5, | 189.6, | 0.0); | ( 420233.1, | 3763414.8, | 159.1, | 189.6, | 0.0); |
| ( 420187.1, | 3763375.1, | 164.9, | 189.6, | 0.0); | ( 420174.0, | 3763398.7, | 167.5, | 189.6, | 0.0); |
| ( 420159.8, | 3763419.9, | 170.3, | 189.6, | 0.0); | ( 420144.6, | 3763435.7, | 170.8, | 189.6, | 0.0); |
| ( 420157.4, | 3763449.3, | 168.2, | 189.6, | 0.0); | ( 420203.2, | 3763366.3, | 161.8, | 189.6, | 0.0); |
| ( 420212.3, | 3763349.4, | 160.4, | 189.6, | 0.0); | ( 420110.8, | 3763789.6, | 168.7, | 168.7, | 0.0); |
| ( 420095.8, | 3763777.3, | 168.6, | 168.6, | 0.0); | ( 420082.8, | 3763760.9, | 167.1, | 168.6, | 0.0); |
| ( 420069.1, | 3763754.1, | 167.7, | 195.4, | 0.0); | ( 420054.1, | 3763743.1, | 168.4, | 196.8, | 0.0); |
| ( 420101.9, | 3763822.3, | 168.0, | 168.0, | 0.0); | ( 420083.5, | 3763829.8, | 168.6, | 168.6, | 0.0); |
| ( 420062.3, | 3763818.2, | 168.5, | 168.5, | 0.0); | ( 420054.1, | 3763806.6, | 168.5, | 168.5, | 0.0); |
| ( 420037.0, | 3763795.7, | 168.4, | 195.9, | 0.0); | ( 420087.9, | 3763866.4, | 167.8, | 167.8, | 0.0); |
| ( 420067.0, | 3763858.5, | 168.1, | 168.1, | 0.0); | ( 420049.4, | 3763847.6, | 168.0, | 168.0, | 0.0); |
| ( 420032.6, | 3763850.9, | 167.7, | 195.6, | 0.0); | ( 420490.3, | 3764285.9, | 166.2, | 166.2, | 0.0); |
| ( 420510.3, | 3764285.9, | 166.0, | 166.0, | 0.0); | ( 420530.3, | 3764285.9, | 165.7, | 165.7, | 0.0); |
| ( 420550.3, | 3764285.9, | 165.5, | 165.5, | 0.0); | ( 420570.3, | 3764285.9, | 165.3, | 165.3, | 0.0); |
| ( 420590.3, | 3764285.9, | 165.2, | 165.2, | 0.0); | ( 420610.3, | 3764285.9, | 165.2, | 165.2, | 0.0); |
| ( 420390.3, | 3764305.9, | 167.1, | 167.1, | 0.0); | ( 420410.3, | 3764305.9, | 166.9, | 166.9, | 0.0); |
| ( 420430.3, | 3764305.9, | 166.6, | 166.6, | 0.0); | ( 420450.3, | 3764305.9, | 166.6, | 166.6, | 0.0); |
| ( 420470.3, | 3764305.9, | 166.6, | 166.6, | 0.0); | ( 420490.3, | 3764305.9, | 166.5, | 166.5, | 0.0); |
| ( 420510.3, | 3764305.9, | 166.3, | 166.3, | 0.0); | ( 420530.3, | 3764305.9, | 166.2, | 166.2, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420550.3, | 3764305.9, | 165.8, | 165.8, | 0.0); | ( 420570.3, | 3764305.9, | 165.5, | 165.5, | 0.0); |
| ( 420590.3, | 3764305.9, | 165.5, | 165.5, | 0.0); | ( 420610.3, | 3764305.9, | 165.6, | 165.6, | 0.0); |
| ( 420390.3, | 3764325.9, | 167.4, | 167.4, | 0.0); | ( 420410.3, | 3764325.9, | 167.3, | 167.3, | 0.0); |
| ( 420430.3, | 3764325.9, | 166.9, | 166.9, | 0.0); | ( 420450.3, | 3764325.9, | 166.9, | 166.9, | 0.0); |
| ( 420470.3, | 3764325.9, | 166.8, | 166.8, | 0.0); | ( 420490.3, | 3764325.9, | 166.7, | 166.7, | 0.0); |
| ( 420510.3, | 3764325.9, | 166.6, | 166.6, | 0.0); | ( 420530.3, | 3764325.9, | 166.5, | 166.5, | 0.0); |
| ( 420550.3, | 3764325.9, | 166.1, | 166.1, | 0.0); | ( 420570.3, | 3764325.9, | 165.8, | 165.8, | 0.0); |
| ( 420590.3, | 3764325.9, | 165.7, | 165.7, | 0.0); | ( 420410.3, | 3764345.9, | 167.2, | 167.2, | 0.0); |
| ( 420430.3, | 3764345.9, | 167.2, | 167.2, | 0.0); | ( 420450.3, | 3764345.9, | 167.4, | 167.4, | 0.0); |
| ( 420470.3, | 3764345.9, | 167.4, | 167.4, | 0.0); | ( 420490.3, | 3764345.9, | 167.1, | 167.1, | 0.0); |
| ( 420510.3, | 3764345.9, | 166.6, | 186.2, | 0.0); | ( 420530.3, | 3764345.9, | 166.6, | 186.1, | 0.0); |
| ( 420550.3, | 3764345.9, | 166.3, | 186.1, | 0.0); | ( 420570.3, | 3764345.9, | 166.0, | 166.0, | 0.0); |
| ( 420430.3, | 3764365.9, | 167.4, | 186.2, | 0.0); | ( 420450.3, | 3764365.9, | 167.6, | 186.2, | 0.0); |
| ( 420470.3, | 3764365.9, | 167.7, | 186.2, | 0.0); | ( 420490.3, | 3764365.9, | 167.5, | 186.2, | 0.0); |
| ( 420510.3, | 3764365.9, | 167.0, | 186.2, | 0.0); | ( 420530.3, | 3764365.9, | 166.5, | 186.2, | 0.0); |
| ( 420550.3, | 3764365.9, | 166.4, | 186.2, | 0.0); | ( 420570.3, | 3764365.9, | 166.4, | 186.2, | 0.0); |
| ( 420450.3, | 3764385.9, | 167.5, | 192.4, | 0.0); | ( 420470.3, | 3764385.9, | 167.7, | 192.4, | 0.0); |
| ( 420490.3, | 3764385.9, | 167.7, | 186.4, | 0.0); | ( 420510.3, | 3764385.9, | 167.5, | 186.2, | 0.0); |
| ( 420530.3, | 3764385.9, | 166.6, | 192.4, | 0.0); | ( 420550.3, | 3764385.9, | 166.4, | 192.1, | 0.0); |
| ( 420470.3, | 3764405.9, | 167.7, | 192.4, | 0.0); | ( 420490.3, | 3764405.9, | 167.7, | 192.4, | 0.0); |
| ( 420510.3, | 3764405.9, | 167.6, | 192.4, | 0.0); | ( 420530.3, | 3764405.9, | 167.1, | 192.4, | 0.0); |
| ( 420490.3, | 3764425.9, | 167.8, | 192.4, | 0.0); | ( 420510.3, | 3764425.9, | 167.9, | 192.4, | 0.0); |
| ( 420504.6, | 3764167.9, | 164.5, | 164.5, | 0.0); | ( 420511.1, | 3764158.0, | 164.3, | 164.3, | 0.0); |
| ( 420524.4, | 3764147.7, | 164.2, | 164.2, | 0.0); | ( 420535.2, | 3764136.0, | 164.2, | 164.2, | 0.0); |
| ( 420493.8, | 3764108.4, | 164.5, | 164.5, | 0.0); | ( 420483.0, | 3764124.4, | 164.6, | 164.6, | 0.0); |
| ( 420469.2, | 3764140.3, | 164.8, | 164.8, | 0.0); | ( 420454.2, | 3764160.6, | 164.9, | 164.9, | 0.0); |
| ( 420443.4, | 3764173.1, | 165.0, | 165.0, | 0.0); | ( 420427.8, | 3764193.4, | 165.5, | 165.5, | 0.0); |
| ( 420417.5, | 3764210.6, | 165.7, | 165.7, | 0.0); | ( 420405.9, | 3764224.4, | 166.1, | 166.1, | 0.0); |
| ( 420389.9, | 3764241.2, | 166.3, | 166.3, | 0.0); | ( 420379.1, | 3764258.9, | 166.6, | 166.6, | 0.0); |
| ( 420362.7, | 3764275.3, | 166.9, | 166.9, | 0.0); | ( 420351.1, | 3764286.9, | 167.2, | 167.2, | 0.0); |
| ( 420518.8, | 3764071.8, | 164.4, | 164.4, | 0.0); | ( 420535.0, | 3764080.9, | 164.2, | 164.2, | 0.0); |
| ( 420548.3, | 3764092.8, | 164.1, | 164.1, | 0.0); | ( 420571.5, | 3764110.4, | 164.3, | 164.3, | 0.0); |
| ( 420591.2, | 3764123.0, | 163.8, | 163.8, | 0.0); | ( 420605.9, | 3764135.7, | 164.0, | 164.0, | 0.0); |
| ( 420622.1, | 3764145.5, | 163.9, | 163.9, | 0.0); | ( 420640.3, | 3764160.2, | 163.5, | 163.5, | 0.0); |
| ( 420614.3, | 3764193.2, | 163.6, | 163.6, | 0.0); | ( 420580.6, | 3764168.0, | 164.2, | 164.2, | 0.0); |
| ( 420565.9, | 3764182.0, | 164.1, | 164.1, | 0.0); | ( 420554.0, | 3764191.1, | 164.2, | 164.2, | 0.0); |
| ( 420597.5, | 3764203.8, | 164.1, | 164.1, | 0.0); | ( 420591.9, | 3764223.4, | 164.1, | 164.1, | 0.0); |
| ( 420539.9, | 3764200.3, | 164.4, | 164.4, | 0.0); | ( 420606.6, | 3764241.0, | 164.1, | 164.1, | 0.0); |
| ( 420629.1, | 3764250.8, | 163.9, | 163.9, | 0.0); | ( 420648.7, | 3764238.9, | 164.0, | 164.0, | 0.0); |
| ( 420651.5, | 3764222.7, | 163.8, | 163.8, | 0.0); | ( 420660.7, | 3764208.0, | 163.8, | 163.8, | 0.0); |
| ( 420667.0, | 3764195.3, | 163.7, | 163.7, | 0.0); | ( 420681.7, | 3764181.3, | 163.3, | 163.3, | 0.0); |
| ( 420712.6, | 3764215.7, | 164.2, | 164.2, | 0.0); | ( 420695.1, | 3764229.8, | 164.3, | 164.3, | 0.0); |
| ( 420732.3, | 3764227.6, | 164.1, | 164.1, | 0.0); | ( 420747.0, | 3764238.2, | 163.8, | 163.8, | 0.0); |
| ( 420767.4, | 3764245.2, | 163.4, | 163.4, | 0.0); | ( 420681.0, | 3764247.3, | 164.5, | 164.5, | 0.0); |
| ( 420668.4, | 3764264.8, | 164.8, | 164.8, | 0.0); | ( 420655.1, | 3764283.1, | 165.1, | 165.1, | 0.0); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420641.0, | 3764297.9, | 165.4, | 165.4, | 0.0); | ( 420638.2, | 3764314.7, | 165.4, | 165.4, | 0.0); |
| ( 420629.1, | 3764330.9, | 165.6, | 165.6, | 0.0); | ( 420619.2, | 3764349.1, | 165.8, | 165.8, | 0.0); |
| ( 420605.9, | 3764381.4, | 166.5, | 186.1, | 0.0); | ( 420599.6, | 3764395.5, | 166.6, | 186.2, | 0.0); |
| ( 420572.9, | 3764397.6, | 166.9, | 192.1, | 0.0); | ( 420563.8, | 3764415.8, | 167.2, | 192.4, | 0.0); |
| ( 420537.8, | 3764434.8, | 168.6, | 192.4, | 0.0); | ( 420556.8, | 3764436.2, | 168.8, | 192.4, | 0.0); |
| ( 420575.7, | 3764441.1, | 169.3, | 192.4, | 0.0); | ( 420589.8, | 3764450.9, | 169.3, | 192.4, | 0.0); |
| ( 420638.2, | 3764481.8, | 168.7, | 192.4, | 0.0); | ( 420641.0, | 3764463.6, | 168.1, | 192.1, | 0.0); |
| ( 420648.7, | 3764446.0, | 167.6, | 186.1, | 0.0); | ( 420653.0, | 3764423.5, | 166.9, | 186.1, | 0.0); |
| ( 420653.0, | 3764410.9, | 166.5, | 186.1, | 0.0); | ( 420650.8, | 3764387.0, | 166.0, | 166.0, | 0.0); |
| ( 420295.4, | 3764152.9, | 166.6, | 166.6, | 0.0); | ( 420331.9, | 3764188.0, | 166.3, | 166.3, | 0.0); |
| ( 420353.6, | 3764208.4, | 166.7, | 166.7, | 0.0); | ( 420339.6, | 3764226.6, | 166.8, | 166.8, | 0.0); |
| ( 420327.7, | 3764237.9, | 167.1, | 167.1, | 0.0); | ( 420317.8, | 3764252.6, | 167.1, | 167.1, | 0.0); |
| ( 420300.3, | 3764231.5, | 167.3, | 167.3, | 0.0); | ( 420285.5, | 3764216.8, | 167.3, | 167.3, | 0.0); |
| ( 420271.5, | 3764206.3, | 167.6, | 167.6, | 0.0); | ( 420260.2, | 3764195.0, | 167.6, | 167.6, | 0.0); |
| ( 420283.4, | 3764171.2, | 166.6, | 166.6, | 0.0); | ( 420268.6, | 3763810.4, | 162.8, | 162.8, | 0.0); |
| ( 420470.3, | 3764165.9, | 165.0, | 165.0, | 0.0); | ( 420470.3, | 3764185.9, | 165.1, | 165.1, | 0.0); |
| ( 420490.3, | 3764185.9, | 164.9, | 164.9, | 0.0); | ( 420450.3, | 3764205.9, | 165.4, | 165.4, | 0.0); |
| ( 420470.3, | 3764205.9, | 165.3, | 165.3, | 0.0); | ( 420490.3, | 3764205.9, | 165.1, | 165.1, | 0.0); |
| ( 420510.3, | 3764205.9, | 164.9, | 164.9, | 0.0); | ( 420530.3, | 3764205.9, | 164.5, | 164.5, | 0.0); |
| ( 420430.3, | 3764225.9, | 165.8, | 165.8, | 0.0); | ( 420450.3, | 3764225.9, | 165.7, | 165.7, | 0.0); |
| ( 420470.3, | 3764225.9, | 165.5, | 165.5, | 0.0); | ( 420490.3, | 3764225.9, | 165.3, | 165.3, | 0.0); |
| ( 420510.3, | 3764225.9, | 165.2, | 165.2, | 0.0); | ( 420530.3, | 3764225.9, | 164.9, | 164.9, | 0.0); |
| ( 420550.3, | 3764225.9, | 164.8, | 164.8, | 0.0); | ( 420410.3, | 3764245.9, | 166.3, | 166.3, | 0.0); |
| ( 420430.3, | 3764245.9, | 166.0, | 166.0, | 0.0); | ( 420450.3, | 3764245.9, | 165.9, | 165.9, | 0.0); |
| ( 420470.3, | 3764245.9, | 165.7, | 165.7, | 0.0); | ( 420490.3, | 3764245.9, | 165.6, | 165.6, | 0.0); |
| ( 420510.3, | 3764245.9, | 165.4, | 165.4, | 0.0); | ( 420530.3, | 3764245.9, | 165.1, | 165.1, | 0.0); |
| ( 420550.3, | 3764245.9, | 165.0, | 165.0, | 0.0); | ( 420570.3, | 3764245.9, | 164.8, | 164.8, | 0.0); |
| ( 420410.3, | 3764265.9, | 166.4, | 166.4, | 0.0); | ( 420430.3, | 3764265.9, | 166.2, | 166.2, | 0.0); |
| ( 420450.3, | 3764265.9, | 166.1, | 166.1, | 0.0); | ( 420470.3, | 3764265.9, | 166.0, | 166.0, | 0.0); |
| ( 420490.3, | 3764265.9, | 165.9, | 165.9, | 0.0); | ( 420510.3, | 3764265.9, | 165.7, | 165.7, | 0.0); |
| ( 420530.3, | 3764265.9, | 165.4, | 165.4, | 0.0); | ( 420550.3, | 3764265.9, | 165.2, | 165.2, | 0.0); |
| ( 420570.3, | 3764265.9, | 165.1, | 165.1, | 0.0); | ( 420590.3, | 3764265.9, | 164.8, | 164.8, | 0.0); |
| ( 420610.3, | 3764265.9, | 164.5, | 164.5, | 0.0); | ( 420390.3, | 3764285.9, | 166.8, | 166.8, | 0.0); |
| ( 420410.3, | 3764285.9, | 166.6, | 166.6, | 0.0); | ( 420430.3, | 3764285.9, | 166.4, | 166.4, | 0.0); |
| ( 420450.3, | 3764285.9, | 166.3, | 166.3, | 0.0); | ( 420470.3, | 3764285.9, | 166.4, | 166.4, | 0.0); |
| ( 420162.2, | 3763821.0, | 163.2, | 168.8, | 6.1); | ( 420180.6, | 3763830.0, | 163.6, | 163.6, | 6.1); |
| ( 420200.6, | 3763830.0, | 163.7, | 163.7, | 6.1); | ( 420200.6, | 3763850.0, | 163.6, | 163.6, | 6.1); |
| ( 420220.6, | 3763850.0, | 163.7, | 163.7, | 6.1); | ( 420240.6, | 3763850.0, | 163.6, | 163.6, | 6.1); |
| ( 420160.6, | 3763870.0, | 163.9, | 163.9, | 6.1); | ( 420180.6, | 3763870.0, | 163.8, | 163.8, | 6.1); |
| ( 420220.6, | 3763870.0, | 163.8, | 163.8, | 6.1); | ( 420240.6, | 3763870.0, | 164.0, | 164.0, | 6.1); |
| ( 420260.6, | 3763870.0, | 163.8, | 163.8, | 6.1); | ( 420160.6, | 3763890.0, | 164.1, | 164.1, | 6.1); |
| ( 420200.6, | 3763890.0, | 163.9, | 163.9, | 6.1); | ( 420260.6, | 3763890.0, | 163.9, | 163.9, | 6.1); |
| ( 420280.6, | 3763890.0, | 164.2, | 164.2, | 6.1); | ( 420140.6, | 3763910.0, | 163.9, | 163.9, | 6.1); |
| ( 420200.6, | 3763910.0, | 164.4, | 164.4, | 6.1); | ( 420220.6, | 3763910.0, | 164.0, | 164.0, | 6.1); |
| ( 420280.6, | 3763910.0, | 164.0, | 164.0, | 6.1); | ( 420300.6, | 3763910.0, | 164.2, | 164.2, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420160.6, | 3763930.0, | 164.5, | 164.5, | 6.1); | ( 420180.6, | 3763930.0, | 164.8, | 164.8, | 6.1); |
| ( 420220.6, | 3763930.0, | 164.4, | 164.4, | 6.1); | ( 420240.6, | 3763930.0, | 164.4, | 164.4, | 6.1); |
| ( 420260.6, | 3763930.0, | 164.0, | 164.0, | 6.1); | ( 420320.6, | 3763930.0, | 164.4, | 164.4, | 6.1); |
| ( 420340.6, | 3763930.0, | 164.5, | 164.5, | 6.1); | ( 420120.6, | 3763950.0, | 164.7, | 164.7, | 6.1); |
| ( 420140.6, | 3763950.0, | 164.8, | 164.8, | 6.1); | ( 420200.6, | 3763950.0, | 164.8, | 164.8, | 6.1); |
| ( 420220.6, | 3763950.0, | 164.9, | 164.9, | 6.1); | ( 420260.6, | 3763950.0, | 164.5, | 164.5, | 6.1); |
| ( 420280.6, | 3763950.0, | 164.3, | 164.3, | 6.1); | ( 420340.6, | 3763950.0, | 164.4, | 164.4, | 6.1); |
| ( 420360.6, | 3763950.0, | 164.4, | 164.4, | 6.1); | ( 420120.6, | 3763970.0, | 165.0, | 165.0, | 6.1); |
| ( 420140.6, | 3763970.0, | 165.2, | 165.2, | 6.1); | ( 420160.6, | 3763970.0, | 164.8, | 164.8, | 6.1); |
| ( 420240.6, | 3763970.0, | 165.0, | 165.0, | 6.1); | ( 420300.6, | 3763970.0, | 164.4, | 164.4, | 6.1); |
| ( 420340.6, | 3763970.0, | 164.5, | 164.5, | 6.1); | ( 420360.6, | 3763970.0, | 164.4, | 164.4, | 6.1); |
| ( 420100.6, | 3763990.0, | 164.8, | 164.8, | 6.1); | ( 420120.6, | 3763990.0, | 165.1, | 165.1, | 6.1); |
| ( 420160.6, | 3763990.0, | 165.2, | 165.2, | 6.1); | ( 420180.6, | 3763990.0, | 164.8, | 164.8, | 6.1); |
| ( 420240.6, | 3763990.0, | 165.0, | 165.0, | 6.1); | ( 420260.6, | 3763990.0, | 165.2, | 165.2, | 6.1); |
| ( 420280.6, | 3763990.0, | 165.0, | 165.0, | 6.1); | ( 420340.6, | 3763990.0, | 164.5, | 164.5, | 6.1); |
| ( 420120.6, | 3764010.0, | 165.2, | 165.2, | 6.1); | ( 420140.6, | 3764010.0, | 165.3, | 165.3, | 6.1); |
| ( 420160.6, | 3764010.0, | 164.9, | 164.9, | 6.1); | ( 420200.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420220.6, | 3764010.0, | 165.0, | 165.0, | 6.1); | ( 420280.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420320.6, | 3764010.0, | 164.7, | 164.7, | 6.1); | ( 420400.6, | 3764010.0, | 164.9, | 164.9, | 6.1); |
| ( 420420.6, | 3764010.0, | 164.8, | 164.8, | 6.1); | ( 420440.6, | 3764010.0, | 164.8, | 164.8, | 6.1); |
| ( 420180.6, | 3764030.0, | 165.1, | 165.1, | 6.1); | ( 420200.6, | 3764030.0, | 165.3, | 165.3, | 6.1); |
| ( 420240.6, | 3764030.0, | 165.0, | 165.0, | 6.1); | ( 420300.6, | 3764030.0, | 164.7, | 164.7, | 6.1); |
| ( 420320.6, | 3764030.0, | 164.8, | 164.8, | 6.1); | ( 420400.6, | 3764030.0, | 165.0, | 165.0, | 6.1); |
| ( 420440.6, | 3764030.0, | 164.8, | 164.8, | 6.1); | ( 420460.6, | 3764030.0, | 164.6, | 164.6, | 6.1); |
| ( 420180.6, | 3764050.0, | 165.6, | 165.6, | 6.1); | ( 420200.6, | 3764050.0, | 165.7, | 165.7, | 6.1); |
| ( 420240.6, | 3764050.0, | 165.4, | 165.4, | 6.1); | ( 420280.6, | 3764050.0, | 165.0, | 165.0, | 6.1); |
| ( 420380.6, | 3764050.0, | 165.2, | 165.2, | 6.1); | ( 420480.6, | 3764050.0, | 164.5, | 164.5, | 6.1); |
| ( 420200.6, | 3764070.0, | 165.8, | 165.8, | 6.1); | ( 420220.6, | 3764070.0, | 165.5, | 165.5, | 6.1); |
| ( 420260.6, | 3764070.0, | 165.2, | 165.2, | 6.1); | ( 420280.6, | 3764070.0, | 165.4, | 165.4, | 6.1); |
| ( 420360.6, | 3764070.0, | 165.2, | 165.2, | 6.1); | ( 420420.6, | 3764070.0, | 165.0, | 165.0, | 6.1); |
| ( 420440.6, | 3764070.0, | 164.9, | 164.9, | 6.1); | ( 420260.6, | 3764090.0, | 165.6, | 165.6, | 6.1); |
| ( 420340.6, | 3764090.0, | 165.4, | 165.4, | 6.1); | ( 420400.6, | 3764090.0, | 165.0, | 165.0, | 6.1); |
| ( 420420.6, | 3764090.0, | 165.1, | 165.1, | 6.1); | ( 420440.6, | 3764090.0, | 165.0, | 165.0, | 6.1); |
| ( 420460.6, | 3764090.0, | 164.6, | 164.6, | 6.1); | ( 420260.6, | 3764110.0, | 166.1, | 166.1, | 6.1); |
| ( 420340.6, | 3764110.0, | 165.6, | 165.6, | 6.1); | ( 420400.6, | 3764110.0, | 165.3, | 165.3, | 6.1); |
| ( 420420.6, | 3764110.0, | 165.2, | 165.2, | 6.1); | ( 420440.6, | 3764110.0, | 164.9, | 164.9, | 6.1); |
| ( 420320.6, | 3764130.0, | 166.1, | 166.1, | 6.1); | ( 420380.6, | 3764130.0, | 165.5, | 165.5, | 6.1); |
| ( 420400.6, | 3764130.0, | 165.4, | 165.4, | 6.1); | ( 420420.6, | 3764130.0, | 165.1, | 165.1, | 6.1); |
| ( 420360.6, | 3764150.0, | 165.7, | 165.7, | 6.1); | ( 420400.6, | 3764150.0, | 165.5, | 165.5, | 6.1); |
| ( 420340.6, | 3764170.0, | 166.1, | 166.1, | 6.1); | ( 420380.6, | 3764170.0, | 165.9, | 165.9, | 6.1); |
| ( 420400.6, | 3764170.0, | 165.6, | 165.6, | 6.1); | ( 420380.6, | 3764190.0, | 166.0, | 166.0, | 6.1); |
| ( 420714.6, | 3764272.4, | 163.7, | 163.7, | 6.1); | ( 420734.6, | 3764284.4, | 163.8, | 163.8, | 6.1); |
| ( 420754.6, | 3764284.4, | 163.6, | 163.6, | 6.1); | ( 420280.6, | 3763433.1, | 159.1, | 189.6, | 6.1); |
| ( 420260.6, | 3763453.1, | 159.4, | 189.6, | 6.1); | ( 420260.6, | 3763473.1, | 159.8, | 189.6, | 6.1); |
| ( 420233.6, | 3763487.8, | 160.2, | 189.6, | 6.1); | ( 420253.6, | 3763507.8, | 160.3, | 188.8, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420200.6, | 3763533.1, | 160.7, | 189.6, | 6.1); | ( 420223.5, | 3763541.3, | 160.7, | 188.8, | 6.1); |
| ( 420240.6, | 3763533.1, | 160.6, | 181.8, | 6.1); | ( 420179.2, | 3763563.8, | 161.3, | 196.5, | 6.1); |
| ( 420200.6, | 3763573.1, | 161.5, | 161.5, | 6.1); | ( 420234.6, | 3763578.6, | 160.9, | 160.9, | 6.1); |
| ( 420200.6, | 3763593.1, | 161.6, | 161.6, | 6.1); | ( 420160.6, | 3763613.1, | 161.5, | 196.5, | 6.1); |
| ( 420138.2, | 3763640.2, | 161.9, | 196.8, | 6.1); | ( 420200.6, | 3763613.1, | 161.4, | 161.4, | 6.1); |
| ( 420180.6, | 3763633.1, | 161.8, | 194.6, | 6.1); | ( 420172.2, | 3763656.0, | 162.1, | 194.6, | 6.1); |
| ( 420160.6, | 3763673.1, | 162.0, | 196.5, | 6.1); | ( 420160.6, | 3763693.1, | 162.0, | 196.5, | 6.1); |
| ( 420092.8, | 3763719.3, | 162.5, | 196.8, | 6.1); | ( 420140.6, | 3763713.1, | 162.1, | 196.8, | 6.1); |
| ( 420120.6, | 3763733.1, | 162.2, | 196.8, | 6.1); | ( 420804.9, | 3764263.3, | 163.5, | 195.8, | 6.1); |
| ( 420820.9, | 3764270.7, | 163.5, | 196.8, | 6.1); | ( 420839.9, | 3764276.5, | 163.5, | 196.8, | 6.1); |
| ( 420860.7, | 3764279.5, | 163.7, | 196.8, | 6.1); | ( 420880.7, | 3764279.5, | 163.9, | 197.1, | 6.1); |
| ( 420892.7, | 3764288.8, | 164.4, | 197.1, | 6.1); | ( 420900.7, | 3764299.5, | 164.2, | 197.1, | 6.1); |
| ( 420920.7, | 3764299.5, | 164.0, | 197.3, | 6.1); | ( 420980.7, | 3764299.5, | 163.7, | 197.3, | 6.1); |
| ( 420740.7, | 3764319.5, | 163.9, | 195.8, | 6.1); | ( 420780.7, | 3764319.5, | 163.8, | 196.8, | 6.1); |
| ( 420800.7, | 3764319.5, | 164.0, | 197.1, | 6.1); | ( 420820.7, | 3764319.5, | 164.0, | 197.1, | 6.1); |
| ( 420840.7, | 3764319.5, | 164.1, | 197.1, | 6.1); | ( 420940.7, | 3764319.5, | 164.5, | 197.3, | 6.1); |
| ( 420980.7, | 3764319.5, | 164.5, | 197.3, | 6.1); | ( 421003.3, | 3764310.5, | 164.5, | 197.3, | 6.1); |
| ( 421023.3, | 3764310.5, | 165.5, | 197.3, | 6.1); | ( 421043.3, | 3764310.5, | 165.6, | 197.1, | 6.1); |
| ( 421063.3, | 3764310.5, | 165.8, | 197.1, | 6.1); | ( 421083.3, | 3764310.5, | 166.0, | 197.1, | 6.1); |
| ( 421103.3, | 3764310.5, | 166.1, | 196.8, | 6.1); | ( 421123.3, | 3764310.5, | 166.1, | 196.8, | 6.1); |
| ( 421143.3, | 3764310.5, | 166.2, | 196.2, | 6.1); | ( 421163.3, | 3764310.5, | 166.2, | 196.2, | 6.1); |
| ( 421183.3, | 3764310.5, | 166.3, | 196.2, | 6.1); | ( 421203.3, | 3764310.5, | 166.3, | 195.4, | 6.1); |
| ( 421223.3, | 3764310.5, | 166.1, | 193.0, | 6.1); | ( 421243.3, | 3764310.5, | 166.0, | 192.2, | 6.1); |
| ( 421263.3, | 3764310.5, | 166.0, | 166.0, | 6.1); | ( 421283.3, | 3764310.5, | 165.9, | 165.9, | 6.1); |
| ( 421303.3, | 3764310.5, | 165.8, | 165.8, | 6.1); | ( 420760.7, | 3764339.5, | 163.9, | 197.1, | 6.1); |
| ( 420860.7, | 3764339.5, | 164.2, | 197.3, | 6.1); | ( 420880.7, | 3764339.5, | 164.2, | 197.3, | 6.1); |
| ( 420920.7, | 3764339.5, | 164.4, | 197.3, | 6.1); | ( 420980.7, | 3764339.5, | 165.4, | 197.3, | 6.1); |
| ( 420700.4, | 3764305.4, | 164.7, | 164.7, | 6.1); | ( 420780.7, | 3764359.5, | 164.3, | 197.3, | 6.1); |
| ( 420800.7, | 3764359.5, | 164.4, | 197.3, | 6.1); | ( 420823.9, | 3764366.2, | 164.6, | 197.3, | 6.1); |
| ( 420920.7, | 3764359.5, | 165.5, | 197.3, | 6.1); | ( 420980.7, | 3764359.5, | 166.8, | 197.3, | 6.1); |
| ( 421011.0, | 3764363.2, | 166.3, | 197.3, | 6.1); | ( 421031.0, | 3764363.2, | 166.2, | 197.3, | 6.1); |
| ( 421051.0, | 3764363.2, | 166.4, | 197.3, | 6.1); | ( 421071.0, | 3764363.2, | 166.5, | 197.3, | 6.1); |
| ( 421091.0, | 3764363.2, | 166.7, | 197.3, | 6.1); | ( 421111.0, | 3764363.2, | 166.8, | 197.3, | 6.1); |
| ( 421131.0, | 3764363.2, | 167.1, | 197.3, | 6.1); | ( 421151.0, | 3764363.2, | 167.3, | 197.2, | 6.1); |
| ( 421171.0, | 3764363.2, | 166.9, | 196.8, | 6.1); | ( 421191.0, | 3764368.8, | 167.1, | 196.8, | 6.1); |
| ( 421210.2, | 3764368.4, | 166.9, | 196.8, | 6.1); | ( 421230.2, | 3764368.4, | 166.6, | 196.2, | 6.1); |
| ( 421250.2, | 3764368.4, | 166.5, | 195.8, | 6.1); | ( 421270.2, | 3764368.4, | 166.4, | 193.0, | 6.1); |
| ( 421290.2, | 3764368.4, | 166.3, | 192.2, | 6.1); | ( 421310.2, | 3764368.4, | 166.1, | 184.2, | 6.1); |
| ( 420843.6, | 3764371.6, | 164.9, | 197.3, | 6.1); | ( 420860.7, | 3764379.5, | 165.3, | 197.3, | 6.1); |
| ( 420880.7, | 3764379.5, | 166.1, | 197.3, | 6.1); | ( 420898.4, | 3764385.3, | 166.9, | 197.3, | 6.1); |
| ( 420980.7, | 3764379.5, | 168.6, | 197.3, | 6.1); | ( 420760.7, | 3764399.5, | 164.6, | 197.3, | 6.1); |
| ( 420780.7, | 3764399.5, | 164.7, | 197.3, | 6.1); | ( 420920.7, | 3764399.5, | 167.7, | 197.3, | 6.1); |
| ( 420940.7, | 3764399.5, | 167.4, | 197.3, | 6.1); | ( 420980.7, | 3764399.5, | 170.5, | 197.3, | 6.1); |
| ( 420746.3, | 3764412.5, | 164.9, | 197.3, | 6.1); | ( 420780.7, | 3764419.5, | 165.4, | 197.3, | 6.1); |
| ( 420820.7, | 3764419.5, | 164.7, | 197.3, | 6.1); | ( 420840.7, | 3764419.5, | 165.0, | 197.3, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420940.7, | 3764419.5, | 168.9, | 197.3, | 6.1); | ( 420980.7, | 3764419.5, | 172.2, | 197.3, | 6.1); |
| ( 421013.1, | 3764405.8, | 172.9, | 197.3, | 6.1); | ( 421033.1, | 3764405.8, | 173.7, | 197.3, | 6.1); |
| ( 421053.1, | 3764405.8, | 174.0, | 197.3, | 6.1); | ( 421073.1, | 3764405.8, | 174.3, | 197.2, | 6.1); |
| ( 421093.1, | 3764405.8, | 174.6, | 196.8, | 6.1); | ( 421113.1, | 3764405.8, | 175.0, | 196.8, | 6.1); |
| ( 421133.1, | 3764405.8, | 175.5, | 196.2, | 6.1); | ( 421160.7, | 3764419.5, | 177.5, | 194.0, | 6.1); |
| ( 421180.7, | 3764419.5, | 177.1, | 192.2, | 6.1); | ( 421220.7, | 3764419.5, | 169.6, | 196.8, | 6.1); |
| ( 421233.3, | 3764408.3, | 168.2, | 196.8, | 6.1); | ( 421253.3, | 3764408.3, | 168.1, | 195.8, | 6.1); |
| ( 421273.3, | 3764408.3, | 167.5, | 195.8, | 6.1); | ( 421293.3, | 3764408.3, | 167.2, | 194.3, | 6.1); |
| ( 420746.3, | 3764432.5, | 165.5, | 197.3, | 6.1); | ( 420780.7, | 3764439.5, | 165.7, | 197.3, | 6.1); |
| ( 420820.7, | 3764439.5, | 165.1, | 197.3, | 6.1); | ( 420860.7, | 3764439.5, | 166.3, | 197.3, | 6.1); |
| ( 420880.7, | 3764439.5, | 166.9, | 197.3, | 6.1); | ( 420940.7, | 3764439.5, | 169.5, | 197.3, | 6.1); |
| ( 420980.7, | 3764439.5, | 173.4, | 197.3, | 6.1); | ( 420994.2, | 3764453.0, | 174.4, | 197.3, | 6.1); |
| ( 421014.2, | 3764453.0, | 175.0, | 197.3, | 6.1); | ( 421034.2, | 3764453.0, | 175.6, | 197.3, | 6.1); |
| ( 421054.2, | 3764453.0, | 176.0, | 197.3, | 6.1); | ( 421074.2, | 3764453.0, | 176.3, | 197.3, | 6.1); |
| ( 421094.2, | 3764453.0, | 176.5, | 197.3, | 6.1); | ( 421114.2, | 3764453.0, | 176.9, | 197.2, | 6.1); |
| ( 421134.2, | 3764453.0, | 177.6, | 196.8, | 6.1); | ( 421180.7, | 3764439.5, | 178.6, | 192.2, | 6.1); |
| ( 421220.7, | 3764439.5, | 170.6, | 196.8, | 6.1); | ( 420737.0, | 3764453.0, | 165.9, | 197.3, | 6.1); |
| ( 420780.7, | 3764459.5, | 165.9, | 197.3, | 6.1); | ( 420820.7, | 3764459.5, | 165.9, | 197.3, | 6.1); |
| ( 420920.7, | 3764459.5, | 171.1, | 197.3, | 6.1); | ( 421134.2, | 3764473.0, | 179.9, | 196.8, | 6.1); |
| ( 421180.7, | 3764459.5, | 180.1, | 192.2, | 6.1); | ( 421200.7, | 3764459.5, | 180.3, | 182.3, | 6.1); |
| ( 421233.3, | 3764448.3, | 170.5, | 196.8, | 6.1); | ( 421252.3, | 3764459.0, | 168.7, | 196.8, | 6.1); |
| ( 421293.3, | 3764448.3, | 167.1, | 195.8, | 6.1); | ( 420737.0, | 3764473.0, | 166.2, | 197.3, | 6.1); |
| ( 420820.7, | 3764479.5, | 166.8, | 197.3, | 6.1); | ( 420871.8, | 3764475.0, | 172.9, | 197.3, | 6.1); |
| ( 420920.7, | 3764479.5, | 173.4, | 197.3, | 6.1); | ( 421180.7, | 3764479.5, | 181.6, | 191.0, | 6.1); |
| ( 421200.7, | 3764479.5, | 182.6, | 182.6, | 6.1); | ( 421260.7, | 3764479.5, | 169.6, | 196.8, | 6.1); |
| ( 421280.7, | 3764479.5, | 167.6, | 196.8, | 6.1); | ( 420737.0, | 3764493.0, | 166.6, | 197.3, | 6.1); |
| ( 420767.7, | 3764492.5, | 167.0, | 197.3, | 6.1); | ( 420820.7, | 3764499.5, | 167.8, | 197.3, | 6.1); |
| ( 420871.8, | 3764495.0, | 174.9, | 197.3, | 6.1); | ( 420920.7, | 3764499.5, | 174.7, | 197.3, | 6.1); |
| ( 421114.2, | 3764513.0, | 188.9, | 191.0, | 6.1); | ( 421134.2, | 3764513.0, | 187.3, | 187.3, | 6.1); |
| ( 421200.7, | 3764499.5, | 183.9, | 183.9, | 6.1); | ( 421280.7, | 3764499.5, | 167.7, | 197.2, | 6.1); |
| ( 420730.5, | 3764507.7, | 166.7, | 197.3, | 6.1); | ( 420767.7, | 3764512.5, | 167.8, | 197.3, | 6.1); |
| ( 420820.7, | 3764519.5, | 169.1, | 197.3, | 6.1); | ( 420871.8, | 3764515.0, | 176.6, | 197.3, | 6.1); |
| ( 420920.7, | 3764519.5, | 177.5, | 197.3, | 6.1); | ( 421000.3, | 3764522.3, | 194.2, | 196.2, | 6.1); |
| ( 421020.3, | 3764522.3, | 194.7, | 194.7, | 6.1); | ( 421040.3, | 3764522.3, | 193.9, | 193.9, | 6.1); |
| ( 421060.3, | 3764522.3, | 192.8, | 192.8, | 6.1); | ( 421080.3, | 3764522.3, | 191.5, | 191.5, | 6.1); |
| ( 421200.7, | 3764519.5, | 184.5, | 184.5, | 6.1); | ( 421280.7, | 3764519.5, | 167.8, | 197.2, | 6.1); |
| ( 420730.5, | 3764527.7, | 167.0, | 197.3, | 6.1); | ( 420767.7, | 3764532.5, | 168.6, | 197.3, | 6.1); |
| ( 420820.7, | 3764539.5, | 170.7, | 197.3, | 6.1); | ( 420860.7, | 3764539.5, | 177.8, | 197.3, | 6.1); |
| ( 420920.7, | 3764539.5, | 180.2, | 197.3, | 6.1); | ( 420980.7, | 3764539.5, | 196.1, | 196.1, | 6.1); |
| ( 421160.7, | 3764539.5, | 186.2, | 186.2, | 6.1); | ( 421180.7, | 3764539.5, | 185.1, | 185.1, | 6.1); |
| ( 421280.7, | 3764539.5, | 167.9, | 197.2, | 6.1); | ( 420860.7, | 3764559.5, | 179.7, | 197.3, | 6.1); |
| ( 420909.1, | 3764562.6, | 180.8, | 197.3, | 6.1); | ( 420980.7, | 3764559.5, | 196.4, | 196.4, | 6.1); |
| ( 421040.7, | 3764559.5, | 195.5, | 195.5, | 6.1); | ( 421080.7, | 3764559.5, | 191.8, | 195.8, | 6.1); |
| ( 421100.7, | 3764559.5, | 190.8, | 190.8, | 6.1); | ( 421120.7, | 3764559.5, | 189.6, | 194.3, | 6.1); |
| ( 421140.7, | 3764559.5, | 188.5, | 194.3, | 6.1); | ( 421160.7, | 3764559.5, | 187.2, | 187.2, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420960.7, | 3764579.5, | 194.9, | 197.1, | 6.1); | ( 421020.7, | 3764579.5, | 196.1, | 196.1, | 6.1); |
| ( 420680.8, | 3764330.6, | 165.4, | 165.4, | 6.1); | ( 420720.8, | 3764330.6, | 164.6, | 164.6, | 6.1); |
| ( 420660.8, | 3764350.6, | 165.6, | 165.6, | 6.1); | ( 420692.0, | 3764426.0, | 165.4, | 196.8, | 6.1); |
| ( 420720.8, | 3764350.6, | 164.2, | 195.8, | 6.1); | ( 420660.8, | 3764370.6, | 166.0, | 166.0, | 6.1); |
| ( 420700.8, | 3764370.6, | 165.3, | 165.3, | 6.1); | ( 420700.8, | 3764390.6, | 165.4, | 195.8, | 6.1); |
| ( 420700.8, | 3764410.6, | 165.2, | 196.8, | 6.1); | ( 420680.8, | 3764450.6, | 166.3, | 186.1, | 6.1); |
| ( 420680.8, | 3764470.6, | 166.8, | 190.6, | 6.1); | ( 420680.8, | 3764490.6, | 167.2, | 192.1, | 6.1); |
| ( 420101.1, | 3763674.8, | 161.8, | 196.8, | 6.1); | ( 420083.5, | 3763665.6, | 161.8, | 196.8, | 6.1); |
| ( 420070.9, | 3763688.2, | 161.9, | 196.8, | 6.1); | ( 420083.0, | 3763697.5, | 162.1, | 196.8, | 6.1); |
| ( 420043.6, | 3763644.2, | 162.0, | 196.8, | 6.1); | ( 420057.5, | 3763625.3, | 161.9, | 196.8, | 6.1); |
| ( 420067.1, | 3763611.9, | 162.0, | 196.8, | 6.1); | ( 420079.7, | 3763600.6, | 161.9, | 196.8, | 6.1); |
| ( 420101.5, | 3763588.4, | 161.6, | 196.8, | 6.1); | ( 420107.8, | 3763573.3, | 161.7, | 196.8, | 6.1); |
| ( 420119.5, | 3763558.7, | 161.5, | 196.8, | 6.1); | ( 420130.0, | 3763541.1, | 161.6, | 196.8, | 6.1); |
| ( 420141.8, | 3763528.9, | 161.5, | 196.8, | 6.1); | ( 420177.1, | 3763505.1, | 160.8, | 196.5, | 6.1); |
| ( 420182.5, | 3763490.5, | 161.0, | 194.4, | 6.1); | ( 420189.8, | 3763470.2, | 160.4, | 189.6, | 6.1); |
| ( 420205.2, | 3763456.3, | 160.0, | 189.6, | 6.1); | ( 420211.9, | 3763443.9, | 159.9, | 189.6, | 6.1); |
| ( 420221.3, | 3763427.5, | 159.5, | 189.6, | 6.1); | ( 420233.1, | 3763414.8, | 159.1, | 189.6, | 6.1); |
| ( 420187.1, | 3763375.1, | 164.9, | 189.6, | 6.1); | ( 420174.0, | 3763398.7, | 167.5, | 189.6, | 6.1); |
| ( 420159.8, | 3763419.9, | 170.3, | 189.6, | 6.1); | ( 420144.6, | 3763435.7, | 170.8, | 189.6, | 6.1); |
| ( 420157.4, | 3763449.3, | 168.2, | 189.6, | 6.1); | ( 420203.2, | 3763366.3, | 161.8, | 189.6, | 6.1); |
| ( 420212.3, | 3763349.4, | 160.4, | 189.6, | 6.1); | ( 420110.8, | 3763789.6, | 168.7, | 168.7, | 6.1); |
| ( 420095.8, | 3763777.3, | 168.6, | 168.6, | 6.1); | ( 420082.8, | 3763760.9, | 167.1, | 168.6, | 6.1); |
| ( 420069.1, | 3763754.1, | 167.7, | 195.4, | 6.1); | ( 420054.1, | 3763743.1, | 168.4, | 196.8, | 6.1); |
| ( 420101.9, | 3763822.3, | 168.0, | 168.0, | 6.1); | ( 420083.5, | 3763829.8, | 168.6, | 168.6, | 6.1); |
| ( 420062.3, | 3763818.2, | 168.5, | 168.5, | 6.1); | ( 420054.1, | 3763806.6, | 168.5, | 168.5, | 6.1); |
| ( 420037.0, | 3763795.7, | 168.4, | 195.9, | 6.1); | ( 420087.9, | 3763866.4, | 167.8, | 167.8, | 6.1); |
| ( 420067.0, | 3763858.5, | 168.1, | 168.1, | 6.1); | ( 420049.4, | 3763847.6, | 168.0, | 168.0, | 6.1); |
| ( 420032.6, | 3763850.9, | 167.7, | 195.6, | 6.1); | ( 420490.3, | 3764285.9, | 166.2, | 166.2, | 6.1); |
| ( 420510.3, | 3764285.9, | 166.0, | 166.0, | 6.1); | ( 420530.3, | 3764285.9, | 165.7, | 165.7, | 6.1); |
| ( 420550.3, | 3764285.9, | 165.5, | 165.5, | 6.1); | ( 420570.3, | 3764285.9, | 165.3, | 165.3, | 6.1); |
| ( 420590.3, | 3764285.9, | 165.2, | 165.2, | 6.1); | ( 420610.3, | 3764285.9, | 165.2, | 165.2, | 6.1); |
| ( 420390.3, | 3764305.9, | 167.1, | 167.1, | 6.1); | ( 420410.3, | 3764305.9, | 166.9, | 166.9, | 6.1); |
| ( 420430.3, | 3764305.9, | 166.6, | 166.6, | 6.1); | ( 420450.3, | 3764305.9, | 166.6, | 166.6, | 6.1); |
| ( 420470.3, | 3764305.9, | 166.6, | 166.6, | 6.1); | ( 420490.3, | 3764305.9, | 166.5, | 166.5, | 6.1); |
| ( 420510.3, | 3764305.9, | 166.3, | 166.3, | 6.1); | ( 420530.3, | 3764305.9, | 166.2, | 166.2, | 6.1); |
| ( 420550.3, | 3764305.9, | 165.8, | 165.8, | 6.1); | ( 420570.3, | 3764305.9, | 165.5, | 165.5, | 6.1); |
| ( 420590.3, | 3764305.9, | 165.5, | 165.5, | 6.1); | ( 420610.3, | 3764305.9, | 165.6, | 165.6, | 6.1); |
| ( 420390.3, | 3764325.9, | 167.4, | 167.4, | 6.1); | ( 420410.3, | 3764325.9, | 167.3, | 167.3, | 6.1); |
| ( 420430.3, | 3764325.9, | 166.9, | 166.9, | 6.1); | ( 420450.3, | 3764325.9, | 166.9, | 166.9, | 6.1); |
| ( 420470.3, | 3764325.9, | 166.8, | 166.8, | 6.1); | ( 420490.3, | 3764325.9, | 166.7, | 166.7, | 6.1); |
| ( 420510.3, | 3764325.9, | 166.6, | 166.6, | 6.1); | ( 420530.3, | 3764325.9, | 166.5, | 166.5, | 6.1); |
| ( 420550.3, | 3764325.9, | 166.1, | 166.1, | 6.1); | ( 420570.3, | 3764325.9, | 165.8, | 165.8, | 6.1); |
| ( 420590.3, | 3764325.9, | 165.7, | 165.7, | 6.1); | ( 420410.3, | 3764345.9, | 167.2, | 167.2, | 6.1); |
| ( 420430.3, | 3764345.9, | 167.2, | 167.2, | 6.1); | ( 420450.3, | 3764345.9, | 167.4, | 167.4, | 6.1); |
| ( 420470.3, | 3764345.9, | 167.4, | 167.4, | 6.1); | ( 420490.3, | 3764345.9, | 167.1, | 167.1, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( 420510.3, | 3764345.9, | 166.6, | 186.2, | 6.1); | ( 420530.3, | 3764345.9, | 166.6, | 186.1, | 6.1); |
| ( 420550.3, | 3764345.9, | 166.3, | 186.1, | 6.1); | ( 420570.3, | 3764345.9, | 166.0, | 166.0, | 6.1); |
| ( 420430.3, | 3764365.9, | 167.4, | 186.2, | 6.1); | ( 420450.3, | 3764365.9, | 167.6, | 186.2, | 6.1); |
| ( 420470.3, | 3764365.9, | 167.7, | 186.2, | 6.1); | ( 420490.3, | 3764365.9, | 167.5, | 186.2, | 6.1); |
| ( 420510.3, | 3764365.9, | 167.0, | 186.2, | 6.1); | ( 420530.3, | 3764365.9, | 166.5, | 186.2, | 6.1); |
| ( 420550.3, | 3764365.9, | 166.4, | 186.2, | 6.1); | ( 420570.3, | 3764365.9, | 166.4, | 186.2, | 6.1); |
| ( 420450.3, | 3764385.9, | 167.5, | 192.4, | 6.1); | ( 420470.3, | 3764385.9, | 167.7, | 192.4, | 6.1); |
| ( 420490.3, | 3764385.9, | 167.7, | 186.4, | 6.1); | ( 420510.3, | 3764385.9, | 167.5, | 186.2, | 6.1); |
| ( 420530.3, | 3764385.9, | 166.6, | 192.4, | 6.1); | ( 420550.3, | 3764385.9, | 166.4, | 192.1, | 6.1); |
| ( 420470.3, | 3764405.9, | 167.7, | 192.4, | 6.1); | ( 420490.3, | 3764405.9, | 167.7, | 192.4, | 6.1); |
| ( 420510.3, | 3764405.9, | 167.6, | 192.4, | 6.1); | ( 420530.3, | 3764405.9, | 167.1, | 192.4, | 6.1); |
| ( 420490.3, | 3764425.9, | 167.8, | 192.4, | 6.1); | ( 420510.3, | 3764425.9, | 167.9, | 192.4, | 6.1); |
| ( 420504.6, | 3764167.9, | 164.5, | 164.5, | 6.1); | ( 420511.1, | 3764158.0, | 164.3, | 164.3, | 6.1); |
| ( 420524.4, | 3764147.7, | 164.2, | 164.2, | 6.1); | ( 420535.2, | 3764136.0, | 164.2, | 164.2, | 6.1); |
| ( 420493.8, | 3764108.4, | 164.5, | 164.5, | 6.1); | ( 420483.0, | 3764124.4, | 164.6, | 164.6, | 6.1); |
| ( 420469.2, | 3764140.3, | 164.8, | 164.8, | 6.1); | ( 420454.2, | 3764160.6, | 164.9, | 164.9, | 6.1); |
| ( 420443.4, | 3764173.1, | 165.0, | 165.0, | 6.1); | ( 420427.8, | 3764193.4, | 165.5, | 165.5, | 6.1); |
| ( 420417.5, | 3764210.6, | 165.7, | 165.7, | 6.1); | ( 420405.9, | 3764224.4, | 166.1, | 166.1, | 6.1); |
| ( 420389.9, | 3764241.2, | 166.3, | 166.3, | 6.1); | ( 420379.1, | 3764258.9, | 166.6, | 166.6, | 6.1); |
| ( 420362.7, | 3764275.3, | 166.9, | 166.9, | 6.1); | ( 420351.1, | 3764286.9, | 167.2, | 167.2, | 6.1); |
| ( 420518.8, | 3764071.8, | 164.4, | 164.4, | 6.1); | ( 420535.0, | 3764080.9, | 164.2, | 164.2, | 6.1); |
| ( 420548.3, | 3764092.8, | 164.1, | 164.1, | 6.1); | ( 420571.5, | 3764110.4, | 164.3, | 164.3, | 6.1); |
| ( 420591.2, | 3764123.0, | 163.8, | 163.8, | 6.1); | ( 420605.9, | 3764135.7, | 164.0, | 164.0, | 6.1); |
| ( 420622.1, | 3764145.5, | 163.9, | 163.9, | 6.1); | ( 420640.3, | 3764160.2, | 163.5, | 163.5, | 6.1); |
| ( 420614.3, | 3764193.2, | 163.6, | 163.6, | 6.1); | ( 420580.6, | 3764168.0, | 164.2, | 164.2, | 6.1); |
| ( 420565.9, | 3764182.0, | 164.1, | 164.1, | 6.1); | ( 420554.0, | 3764191.1, | 164.2, | 164.2, | 6.1); |
| ( 420597.5, | 3764203.8, | 164.1, | 164.1, | 6.1); | ( 420591.9, | 3764223.4, | 164.1, | 164.1, | 6.1); |
| ( 420539.9, | 3764200.3, | 164.4, | 164.4, | 6.1); | ( 420606.6, | 3764241.0, | 164.1, | 164.1, | 6.1); |
| ( 420629.1, | 3764250.8, | 163.9, | 163.9, | 6.1); | ( 420648.7, | 3764238.9, | 164.0, | 164.0, | 6.1); |
| ( 420651.5, | 3764222.7, | 163.8, | 163.8, | 6.1); | ( 420660.7, | 3764208.0, | 163.8, | 163.8, | 6.1); |
| ( 420667.0, | 3764195.3, | 163.7, | 163.7, | 6.1); | ( 420681.7, | 3764181.3, | 163.3, | 163.3, | 6.1); |
| ( 420712.6, | 3764215.7, | 164.2, | 164.2, | 6.1); | ( 420695.1, | 3764229.8, | 164.3, | 164.3, | 6.1); |
| ( 420732.3, | 3764227.6, | 164.1, | 164.1, | 6.1); | ( 420747.0, | 3764238.2, | 163.8, | 163.8, | 6.1); |
| ( 420767.4, | 3764245.2, | 163.4, | 163.4, | 6.1); | ( 420681.0, | 3764247.3, | 164.5, | 164.5, | 6.1); |
| ( 420668.4, | 3764264.8, | 164.8, | 164.8, | 6.1); | ( 420655.1, | 3764283.1, | 165.1, | 165.1, | 6.1); |
| ( 420641.0, | 3764297.9, | 165.4, | 165.4, | 6.1); | ( 420638.2, | 3764314.7, | 165.4, | 165.4, | 6.1); |
| ( 420629.1, | 3764330.9, | 165.6, | 165.6, | 6.1); | ( 420619.2, | 3764349.1, | 165.8, | 165.8, | 6.1); |
| ( 420605.9, | 3764381.4, | 166.5, | 186.1, | 6.1); | ( 420599.6, | 3764395.5, | 166.6, | 186.2, | 6.1); |
| ( 420572.9, | 3764397.6, | 166.9, | 192.1, | 6.1); | ( 420563.8, | 3764415.8, | 167.2, | 192.4, | 6.1); |
| ( 420537.8, | 3764434.8, | 168.6, | 192.4, | 6.1); | ( 420556.8, | 3764436.2, | 168.8, | 192.4, | 6.1); |
| ( 420575.7, | 3764441.1, | 169.3, | 192.4, | 6.1); | ( 420589.8, | 3764450.9, | 169.3, | 192.4, | 6.1); |
| ( 420638.2, | 3764481.8, | 168.7, | 192.4, | 6.1); | ( 420641.0, | 3764463.6, | 168.1, | 192.1, | 6.1); |
| ( 420648.7, | 3764446.0, | 167.6, | 186.1, | 6.1); | ( 420653.0, | 3764423.5, | 166.9, | 186.1, | 6.1); |
| ( 420653.0, | 3764410.9, | 166.5, | 186.1, | 6.1); | ( 420650.8, | 3764387.0, | 166.0, | 166.0, | 6.1); |
| ( 420295.4, | 3764152.9, | 166.6, | 166.6, | 6.1); | ( 420331.9, | 3764188.0, | 166.3, | 166.3, | 6.1); |

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

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ( | 420353.6, | 3764208.4, | 166.7, | 166.7, | 6.1); | ( | 420339.6, | 3764226.6, | 166.8, | 166.8, | 6.1); |
| ( | 420327.7, | 3764237.9, | 167.1, | 167.1, | 6.1); | ( | 420317.8, | 3764252.6, | 167.1, | 167.1, | 6.1); |
| ( | 420300.3, | 3764231.5, | 167.3, | 167.3, | 6.1); | ( | 420285.5, | 3764216.8, | 167.3, | 167.3, | 6.1); |
| ( | 420271.5, | 3764206.3, | 167.6, | 167.6, | 6.1); | ( | 420260.2, | 3764195.0, | 167.6, | 167.6, | 6.1); |
| ( | 420283.4, | 3764171.2, | 166.6, | 166.6, | 6.1); | ( | 420972.4, | 3763271.7, | 160.3, | 160.3, | 0.0); |
| ( | 420913.8, | 3763329.3, | 160.1, | 160.1, | 0.0); | ( | 420955.9, | 3763316.1, | 160.3, | 160.3, | 0.0); |
| ( | 421011.8, | 3763312.8, | 160.8, | 160.8, | 0.0); | ( | 420869.0, | 3763382.7, | 159.7, | 159.7, | 0.0); |
| ( | 420913.8, | 3763379.3, | 160.4, | 160.4, | 0.0); | ( | 420955.9, | 3763366.1, | 160.3, | 160.3, | 0.0); |
| ( | 421011.8, | 3763362.8, | 160.3, | 160.3, | 0.0); | ( | 420906.6, | 3763419.8, | 160.3, | 160.3, | 0.0); |
| ( | 420955.9, | 3763416.1, | 160.2, | 160.2, | 0.0); | ( | 421011.8, | 3763412.8, | 160.5, | 160.5, | 0.0); |
| ( | 421009.8, | 3763454.3, | 160.6, | 160.6, | 0.0); | ( | 420679.7, | 3764117.1, | 162.8, | 162.8, | 0.0); |
| ( | 420692.1, | 3764098.2, | 162.5, | 162.5, | 0.0); | ( | 420703.1, | 3764099.1, | 162.4, | 162.4, | 0.0); |
| ( | 420702.6, | 3764144.0, | 162.8, | 162.8, | 0.0); | | | | | | |

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

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 182 m- AZUS_V9_ADJU\AZUS_v9.SFC Met Version: 16216
Profile file: 182 m- AZUS_V9_ADJU\AZUS_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

| YR | MO | DY | JDY | HR | H0 | U* | W* | DT/DZ | ZICNV | ZIMCH | M-O LEN | Z0 | BOWEN | ALBEDO | REF WS | WD | HT | REF TA | HT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 01 | 01 | 1 | 01 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 20. | 9.1 | 293.1 | 5.5 |
| 12 | 01 | 01 | 1 | 02 | -32.6 | 0.342 | -9.000 | -9.000 | -999. | 481. | 128.9 | 0.36 | 1.68 | 1.00 | 2.70 | 99. | 9.1 | 293.1 | 5.5 |
| 12 | 01 | 01 | 1 | 03 | -26.4 | 0.277 | -9.000 | -9.000 | -999. | 351. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 14. | 9.1 | 292.0 | 5.5 |
| 12 | 01 | 01 | 1 | 04 | -32.6 | 0.342 | -9.000 | -9.000 | -999. | 480. | 128.9 | 0.36 | 1.68 | 1.00 | 2.70 | 10. | 9.1 | 292.5 | 5.5 |
| 12 | 01 | 01 | 1 | 05 | -26.4 | 0.277 | -9.000 | -9.000 | -999. | 351. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 12. | 9.1 | 292.5 | 5.5 |
| 12 | 01 | 01 | 1 | 06 | -21.6 | 0.224 | -9.000 | -9.000 | -999. | 256. | 55.2 | 0.36 | 1.68 | 1.00 | 1.80 | 118. | 9.1 | 289.2 | 5.5 |
| 12 | 01 | 01 | 1 | 07 | -26.6 | 0.277 | -9.000 | -9.000 | -999. | 349. | 84.1 | 0.36 | 1.68 | 1.00 | 2.20 | 64. | 9.1 | 290.9 | 5.5 |
| 12 | 01 | 01 | 1 | 08 | -1.3 | 0.062 | -9.000 | -9.000 | -999. | 124. | 16.5 | 0.36 | 1.68 | 0.55 | 0.40 | 36. | 9.1 | 290.9 | 5.5 |
| 12 | 01 | 01 | 1 | 09 | 38.1 | 0.160 | 0.348 | 0.008 | 39. | 153. | -9.5 | 0.36 | 1.68 | 0.32 | 0.90 | 124. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 10 | 99.5 | 0.179 | 0.693 | 0.007 | 119. | 181. | -5.1 | 0.36 | 1.68 | 0.25 | 0.90 | 21. | 9.1 | 298.1 | 5.5 |
| 12 | 01 | 01 | 1 | 11 | 142.6 | 0.494 | 1.086 | 0.005 | 321. | 832. | -75.2 | 0.36 | 1.68 | 0.22 | 3.60 | 141. | 9.1 | 299.9 | 5.5 |
| 12 | 01 | 01 | 1 | 12 | 162.8 | 0.442 | 1.385 | 0.005 | 582. | 709. | -47.3 | 0.36 | 1.68 | 0.21 | 3.10 | 122. | 9.1 | 299.9 | 5.5 |
| 12 | 01 | 01 | 1 | 13 | 164.4 | 0.298 | 1.634 | 0.005 | 946. | 405. | -14.3 | 0.36 | 1.68 | 0.21 | 1.80 | 114. | 9.1 | 300.9 | 5.5 |
| 12 | 01 | 01 | 1 | 14 | 142.7 | 0.293 | 1.718 | 0.005 | 1265. | 382. | -15.8 | 0.36 | 1.68 | 0.22 | 1.80 | 93. | 9.1 | 302.5 | 5.5 |
| 12 | 01 | 01 | 1 | 15 | 96.7 | 0.283 | 1.575 | 0.005 | 1438. | 361. | -20.7 | 0.36 | 1.68 | 0.26 | 1.80 | 110. | 9.1 | 303.8 | 5.5 |
| 12 | 01 | 01 | 1 | 16 | 41.5 | 0.207 | 1.201 | 0.005 | 1485. | 228. | -18.9 | 0.36 | 1.68 | 0.35 | 1.30 | 113. | 9.1 | 304.2 | 5.5 |
| 12 | 01 | 01 | 1 | 17 | -37.8 | 0.464 | -9.000 | -9.000 | -999. | 757. | 236.3 | 0.36 | 1.68 | 0.62 | 3.60 | 251. | 9.1 | 300.9 | 5.5 |
| 12 | 01 | 01 | 1 | 18 | -26.1 | 0.277 | -9.000 | -9.000 | -999. | 379. | 84.2 | 0.36 | 1.68 | 1.00 | 2.20 | 8. | 9.1 | 296.4 | 5.5 |
| 12 | 01 | 01 | 1 | 19 | -999.0 | -9.000 | -9.000 | -9.000 | -999. | -999. | -99999.0 | 0.36 | 1.68 | 1.00 | 999.00 | 999. | -9.0 | 295.9 | 5.5 |
| 12 | 01 | 01 | 1 | 20 | -5.7 | 0.107 | -9.000 | -9.000 | -999. | 84. | 19.3 | 0.36 | 1.68 | 1.00 | 0.90 | 35. | 9.1 | 295.4 | 5.5 |
| 12 | 01 | 01 | 1 | 21 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 213. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 22 | -21.3 | 0.224 | -9.000 | -9.000 | -999. | 255. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 52. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 23 | -26.3 | 0.277 | -9.000 | -9.000 | -999. | 349. | 84.2 | 0.36 | 1.68 | 1.00 | 2.20 | 58. | 9.1 | 293.8 | 5.5 |
| 12 | 01 | 01 | 1 | 24 | -21.4 | 0.224 | -9.000 | -9.000 | -999. | 256. | 55.3 | 0.36 | 1.68 | 1.00 | 1.80 | 83. | 9.1 | 292.5 | 5.5 |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 01 | 01 | 01 | 5.5 | 0 | -999. | -99.00 | 293.2 | 99.0 | -99.00 | -99.00 |
| 12 | 01 | 01 | 01 | 9.1 | 1 | 20. | 1.80 | -999.0 | 99.0 | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 2.36844 | 420180.57 | 3763830.04 | 2.47378 |
| 420200.57 | 3763830.04 | 2.64053 | 420200.57 | 3763850.04 | 2.55052 |
| 420220.57 | 3763850.04 | 2.72586 | 420240.57 | 3763850.04 | 2.92185 |
| 420160.57 | 3763870.04 | 2.17320 | 420180.57 | 3763870.04 | 2.30843 |
| 420220.57 | 3763870.04 | 2.62242 | 420240.57 | 3763870.04 | 2.80563 |
| 420260.57 | 3763870.04 | 3.01086 | 420160.57 | 3763890.04 | 2.09541 |
| 420200.57 | 3763890.04 | 2.36241 | 420260.57 | 3763890.04 | 2.87807 |
| 420280.57 | 3763890.04 | 3.09002 | 420140.57 | 3763910.04 | 1.90835 |
| 420200.57 | 3763910.04 | 2.26542 | 420220.57 | 3763910.04 | 2.40951 |
| 420280.57 | 3763910.04 | 2.93879 | 420300.57 | 3763910.04 | 3.15661 |
| 420160.57 | 3763930.04 | 1.93696 | 420180.57 | 3763930.04 | 2.04712 |
| 420220.57 | 3763930.04 | 2.30103 | 420240.57 | 3763930.04 | 2.44693 |
| 420260.57 | 3763930.04 | 2.60858 | 420320.57 | 3763930.04 | 3.20490 |
| 420340.57 | 3763930.04 | 3.45230 | 420120.57 | 3763950.04 | 1.67614 |
| 420140.57 | 3763950.04 | 1.76293 | 420200.57 | 3763950.04 | 2.07111 |
| 420220.57 | 3763950.04 | 2.19273 | 420260.57 | 3763950.04 | 2.47334 |
| 420280.57 | 3763950.04 | 2.63528 | 420340.57 | 3763950.04 | 3.23134 |
| 420360.57 | 3763950.04 | 3.47722 | 420120.57 | 3763970.04 | 1.61003 |
| 420140.57 | 3763970.04 | 1.69054 | 420160.57 | 3763970.04 | 1.77812 |
| 420240.57 | 3763970.04 | 2.20730 | 420300.57 | 3763970.04 | 2.64617 |
| 420340.57 | 3763970.04 | 3.01586 | 420360.57 | 3763970.04 | 3.23097 |
| 420100.57 | 3763990.04 | 1.47540 | 420120.57 | 3763990.04 | 1.54459 |
| 420160.57 | 3763990.04 | 1.69942 | 420180.57 | 3763990.04 | 1.78652 |
| 420240.57 | 3763990.04 | 2.09109 | 420260.57 | 3763990.04 | 2.21005 |
| 420280.57 | 3763990.04 | 2.34046 | 420340.57 | 3763990.04 | 2.80842 |
| 420120.57 | 3764010.04 | 1.48001 | 420140.57 | 3764010.04 | 1.54859 |
| 420160.57 | 3764010.04 | 1.62272 | 420200.57 | 3764010.04 | 1.78721 |
| 420220.57 | 3764010.04 | 1.87886 | 420280.57 | 3764010.04 | 2.20065 |
| 420320.57 | 3764010.04 | 2.46249 | 420400.57 | 3764010.04 | 3.13486 |
| 420420.57 | 3764010.04 | 3.34155 | 420440.57 | 3764010.04 | 3.56613 |
| 420180.57 | 3764030.04 | 1.61934 | 420200.57 | 3764030.04 | 1.69631 |
| 420240.57 | 3764030.04 | 1.86835 | 420300.57 | 3764030.04 | 2.17715 |
| 420320.57 | 3764030.04 | 2.29558 | 420400.57 | 3764030.04 | 2.86796 |
| 420440.57 | 3764030.04 | 3.22293 | 420460.57 | 3764030.04 | 3.41979 |
| 420180.57 | 3764050.04 | 1.53883 | 420200.57 | 3764050.04 | 1.55307 |
| 420240.57 | 3764050.04 | 1.76242 | 420280.57 | 3764050.04 | 1.93821 |
| 420380.57 | 3764050.04 | 2.49003 | 420480.57 | 3764050.04 | 3.23701 |
| 420200.57 | 3764070.04 | 1.47139 | 420220.57 | 3764070.04 | 1.59110 |
| 420260.57 | 3764070.04 | 1.73697 | 420280.57 | 3764070.04 | 1.81620 |
| 420360.57 | 3764070.04 | 2.18463 | 420420.57 | 3764070.04 | 2.51753 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 2.63891 | 420260.57 | 3764090.04 | 1.63192 |
| 420340.57 | 3764090.04 | 1.93318 | 420400.57 | 3764090.04 | 2.19962 |
| 420420.57 | 3764090.04 | 2.29486 | 420440.57 | 3764090.04 | 2.39372 |
| 420460.57 | 3764090.04 | 2.49611 | 420260.57 | 3764110.04 | 1.47645 |
| 420340.57 | 3764110.04 | 1.79349 | 420400.57 | 3764110.04 | 2.01673 |
| 420420.57 | 3764110.04 | 2.09569 | 420440.57 | 3764110.04 | 2.17657 |
| 420320.57 | 3764130.04 | 1.54489 | 420380.57 | 3764130.04 | 1.78853 |
| 420400.57 | 3764130.04 | 1.85232 | 420420.57 | 3764130.04 | 1.91776 |
| 420360.57 | 3764150.04 | 1.54004 | 420400.57 | 3764150.04 | 1.70441 |
| 420340.57 | 3764170.04 | 1.38572 | 420380.57 | 3764170.04 | 1.46970 |
| 420400.57 | 3764170.04 | 1.57135 | 420380.57 | 3764190.04 | 1.36139 |
| 420714.65 | 3764272.44 | 1.37922 | 420734.65 | 3764284.40 | 1.34595 |
| 420754.65 | 3764284.40 | 1.39010 | 420280.59 | 3763433.11 | 3.92447 |
| 420260.59 | 3763453.11 | 3.78924 | 420260.59 | 3763473.11 | 3.85747 |
| 420233.62 | 3763487.75 | 3.59412 | 420253.62 | 3763507.75 | 3.87118 |
| 420200.59 | 3763533.11 | 3.30175 | 420223.55 | 3763541.34 | 3.56138 |
| 420240.59 | 3763533.11 | 3.75732 | 420179.16 | 3763563.83 | 3.08985 |
| 420200.59 | 3763573.11 | 3.31049 | 420234.64 | 3763578.58 | 3.71715 |
| 420200.59 | 3763593.11 | 3.30293 | 420160.59 | 3763613.11 | 2.87837 |
| 420138.25 | 3763640.23 | 2.64649 | 420200.59 | 3763613.11 | 3.28710 |
| 420180.59 | 3763633.11 | 3.04711 | 420172.25 | 3763655.96 | 2.92642 |
| 420160.59 | 3763673.11 | 2.78362 | 420160.59 | 3763693.11 | 2.74068 |
| 420092.84 | 3763719.31 | 2.17251 | 420140.59 | 3763713.11 | 2.52474 |
| 420120.59 | 3763733.11 | 2.32751 | 420804.93 | 3764263.30 | 1.70418 |
| 420820.93 | 3764270.66 | 1.70312 | 420839.88 | 3764276.55 | 1.72853 |
| 420860.72 | 3764279.50 | 1.79058 | 420880.72 | 3764279.50 | 1.88204 |
| 420892.72 | 3764288.76 | 1.83961 | 420900.72 | 3764299.50 | 1.77049 |
| 420920.72 | 3764299.50 | 1.85629 | 420980.72 | 3764299.50 | 2.11215 |
| 420740.72 | 3764319.50 | 1.16962 | 420780.72 | 3764319.50 | 1.24398 |
| 420800.72 | 3764319.50 | 1.28838 | 420820.72 | 3764319.50 | 1.33905 |
| 420840.72 | 3764319.50 | 1.39547 | 420940.72 | 3764319.50 | 1.74368 |
| 420980.72 | 3764319.50 | 1.89448 | 421003.29 | 3764310.49 | 2.07211 |
| 421023.29 | 3764310.49 | 2.13914 | 421043.29 | 3764310.49 | 2.20444 |
| 421063.29 | 3764310.49 | 1.92145 | 421083.29 | 3764310.49 | 1.97426 |
| 421103.29 | 3764310.49 | 2.02742 | 421123.29 | 3764310.49 | 2.08042 |
| 421143.29 | 3764310.49 | 2.12782 | 421163.29 | 3764310.49 | 2.17100 |
| 421183.29 | 3764310.49 | 2.20975 | 421203.29 | 3764310.49 | 2.24676 |
| 421223.29 | 3764310.49 | 2.28625 | 421243.29 | 3764310.49 | 2.31322 |
| 421263.29 | 3764310.49 | 2.33521 | 421283.29 | 3764310.49 | 2.35342 |
| 421303.29 | 3764310.49 | 2.36918 | 420760.72 | 3764339.50 | 1.10994 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 1.32623 | 420880.72 | 3764339.50 | 1.38340 |
| 420920.72 | 3764339.50 | 1.50840 | 420980.72 | 3764339.50 | 1.70629 |
| 420700.42 | 3764305.37 | 1.17580 | 420780.72 | 3764359.50 | 1.05521 |
| 420800.72 | 3764359.50 | 1.08808 | 420823.92 | 3764366.20 | 1.10067 |
| 420920.72 | 3764359.50 | 1.36769 | 420980.72 | 3764359.50 | 1.27585 |
| 421010.96 | 3764363.22 | 1.33334 | 421030.96 | 3764363.22 | 1.38253 |
| 421050.96 | 3764363.22 | 1.42518 | 421070.96 | 3764363.22 | 1.46847 |
| 421090.96 | 3764363.22 | 1.50992 | 421110.96 | 3764363.22 | 1.55096 |
| 421130.96 | 3764363.22 | 1.58666 | 421150.96 | 3764363.22 | 1.62135 |
| 421170.96 | 3764363.22 | 1.67684 | 421190.96 | 3764368.75 | 1.66404 |
| 421210.17 | 3764368.36 | 1.70916 | 421230.17 | 3764368.36 | 1.75195 |
| 421250.17 | 3764368.36 | 1.78614 | 421270.17 | 3764368.36 | 1.81488 |
| 421290.17 | 3764368.36 | 1.84241 | 421310.17 | 3764368.36 | 1.86884 |
| 420843.63 | 3764371.64 | 1.11378 | 420860.72 | 3764379.50 | 1.11144 |
| 420880.72 | 3764379.50 | 1.00526 | 420898.39 | 3764385.33 | 0.99575 |
| 420980.72 | 3764379.50 | 1.12650 | 420760.72 | 3764399.50 | 0.88630 |
| 420780.72 | 3764399.50 | 0.90857 | 420920.72 | 3764399.50 | 0.96064 |
| 420940.72 | 3764399.50 | 0.99372 | 420980.72 | 3764399.50 | 1.00546 |
| 420746.30 | 3764412.53 | 0.83367 | 420780.72 | 3764419.50 | 0.84631 |
| 420820.72 | 3764419.50 | 0.89364 | 420840.72 | 3764419.50 | 0.92010 |
| 420940.72 | 3764419.50 | 0.89792 | 420980.72 | 3764419.50 | 0.90992 |
| 421013.06 | 3764405.83 | 0.99775 | 421033.06 | 3764405.83 | 1.01678 |
| 421053.06 | 3764405.83 | 1.04289 | 421073.06 | 3764405.83 | 1.06979 |
| 421093.06 | 3764405.83 | 1.09611 | 421113.06 | 3764405.83 | 1.12192 |
| 421133.06 | 3764405.83 | 1.14575 | 421160.72 | 3764419.50 | 1.09388 |
| 421180.72 | 3764419.50 | 1.12714 | 421220.72 | 3764419.50 | 1.31398 |
| 421233.28 | 3764408.34 | 1.43120 | 421253.28 | 3764408.34 | 1.46610 |
| 421273.28 | 3764408.34 | 1.51020 | 421293.28 | 3764408.34 | 1.54308 |
| 420746.30 | 3764432.53 | 0.77991 | 420780.72 | 3764439.50 | 0.79110 |
| 420820.72 | 3764439.50 | 0.83260 | 420860.72 | 3764439.50 | 0.78417 |
| 420880.72 | 3764439.50 | 0.79675 | 420940.72 | 3764439.50 | 0.82614 |
| 420980.72 | 3764439.50 | 0.83259 | 420994.21 | 3764452.98 | 0.79819 |
| 421014.21 | 3764452.98 | 0.81421 | 421034.21 | 3764452.98 | 0.83055 |
| 421054.21 | 3764452.98 | 0.84848 | 421074.21 | 3764452.98 | 0.86824 |
| 421094.21 | 3764452.98 | 0.88898 | 421114.21 | 3764452.98 | 0.90790 |
| 421134.21 | 3764452.98 | 0.92349 | 421180.72 | 3764439.50 | 1.02049 |
| 421220.72 | 3764439.50 | 1.18964 | 420737.00 | 3764452.99 | 0.67579 |
| 420780.72 | 3764459.50 | 0.68423 | 420820.72 | 3764459.50 | 0.70802 |
| 420920.72 | 3764459.50 | 0.73802 | 421134.21 | 3764472.98 | 0.83507 |
| 421180.72 | 3764459.50 | 0.92708 | 421200.72 | 3764459.50 | 0.94715 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

| X-COORD (M) | Y-COORD (M) | ** CONC OF OTHER IN MICROGRAMS/M**3 CONC | X-COORD (M) | Y-COORD (M) | ** CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 1.16473 | 421252.35 | 3764459.04 | 1.17493 |
| 421293.28 | 3764448.34 | 1.31546 | 420737.00 | 3764472.99 | 0.63539 |
| 420820.72 | 3764479.50 | 0.65897 | 420871.79 | 3764475.04 | 0.65462 |
| 420920.72 | 3764479.50 | 0.67513 | 421180.72 | 3764479.50 | 0.84578 |
| 421200.72 | 3764479.50 | 0.85537 | 421260.72 | 3764479.50 | 1.07591 |
| 421280.72 | 3764479.50 | 1.13945 | 420737.00 | 3764492.99 | 0.59814 |
| 420767.69 | 3764492.53 | 0.60849 | 420820.72 | 3764499.50 | 0.61380 |
| 420871.79 | 3764495.04 | 0.60462 | 420920.72 | 3764499.50 | 0.62621 |
| 421114.21 | 3764512.98 | 0.64293 | 421134.21 | 3764512.98 | 0.67010 |
| 421200.72 | 3764499.50 | 0.78445 | 421280.72 | 3764499.50 | 1.05475 |
| 420730.48 | 3764507.70 | 0.57188 | 420767.69 | 3764512.53 | 0.57046 |
| 420820.72 | 3764519.50 | 0.57122 | 420871.79 | 3764515.04 | 0.56153 |
| 420920.72 | 3764519.50 | 0.57522 | 421000.26 | 3764522.29 | 0.51483 |
| 421020.26 | 3764522.29 | 0.52311 | 421040.26 | 3764522.29 | 0.54094 |
| 421060.26 | 3764522.29 | 0.56089 | 421080.26 | 3764522.29 | 0.58272 |
| 421200.72 | 3764519.50 | 0.72743 | 421280.72 | 3764519.50 | 0.97755 |
| 420730.48 | 3764527.70 | 0.54100 | 420767.69 | 3764532.53 | 0.53606 |
| 420820.72 | 3764539.50 | 0.53302 | 420860.72 | 3764539.50 | 0.51517 |
| 420920.72 | 3764539.50 | 0.52980 | 420980.72 | 3764539.50 | 0.46906 |
| 421160.72 | 3764539.50 | 0.64208 | 421180.72 | 3764539.50 | 0.66315 |
| 421280.72 | 3764539.50 | 0.90788 | 420860.72 | 3764559.50 | 0.48066 |
| 420909.07 | 3764562.58 | 0.48970 | 420980.72 | 3764559.50 | 0.44302 |
| 421040.72 | 3764559.50 | 0.47768 | 421080.72 | 3764559.50 | 0.52166 |
| 421100.72 | 3764559.50 | 0.53893 | 421120.72 | 3764559.50 | 0.55781 |
| 421140.72 | 3764559.50 | 0.57693 | 421160.72 | 3764559.50 | 0.59693 |
| 420960.72 | 3764579.50 | 0.42091 | 421020.72 | 3764579.50 | 0.44049 |
| 420680.84 | 3764330.64 | 1.04285 | 420720.84 | 3764330.64 | 1.08913 |
| 420660.84 | 3764350.64 | 0.95234 | 420692.00 | 3764425.97 | 0.75885 |
| 420720.84 | 3764350.64 | 1.01024 | 420660.84 | 3764370.64 | 0.83905 |
| 420700.84 | 3764370.64 | 0.91883 | 420700.84 | 3764390.64 | 0.85758 |
| 420700.84 | 3764410.64 | 0.80294 | 420680.84 | 3764450.64 | 0.65727 |
| 420680.84 | 3764470.64 | 0.61853 | 420680.84 | 3764490.64 | 0.58314 |
| 420101.08 | 3763674.83 | 2.31043 | 420083.47 | 3763665.61 | 2.20950 |
| 420070.89 | 3763688.25 | 2.09611 | 420083.05 | 3763697.47 | 2.15334 |
| 420043.64 | 3763644.22 | 2.00539 | 420057.47 | 3763625.35 | 2.10534 |
| 420067.12 | 3763611.93 | 2.17727 | 420079.70 | 3763600.61 | 2.26710 |
| 420101.50 | 3763588.45 | 2.42497 | 420107.79 | 3763573.35 | 2.48126 |
| 420119.53 | 3763558.68 | 2.57660 | 420130.02 | 3763541.07 | 2.66314 |
| 420141.76 | 3763528.91 | 2.75785 | 420177.06 | 3763505.07 | 3.05306 |
| 420182.52 | 3763490.53 | 3.08965 | 420189.79 | 3763470.23 | 3.12945 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 3.24528 | 420211.91 | 3763443.87 | 3.27987 |
| 420221.30 | 3763427.51 | 3.32332 | 420233.11 | 3763414.79 | 3.39106 |
| 420187.06 | 3763375.10 | 2.91554 | 420174.04 | 3763398.73 | 2.82857 |
| 420159.80 | 3763419.94 | 2.71192 | 420144.65 | 3763435.69 | 2.60622 |
| 420157.37 | 3763449.33 | 2.74195 | 420203.21 | 3763366.33 | 3.01039 |
| 420212.30 | 3763349.37 | 3.02434 | 420110.79 | 3763789.57 | 2.05079 |
| 420095.76 | 3763777.27 | 1.99636 | 420082.79 | 3763760.88 | 1.97144 |
| 420069.13 | 3763754.06 | 1.90901 | 420054.11 | 3763743.13 | 1.85023 |
| 420101.91 | 3763822.34 | 1.91806 | 420083.47 | 3763829.85 | 1.80078 |
| 420062.30 | 3763818.25 | 1.73179 | 420054.11 | 3763806.64 | 1.72162 |
| 420037.04 | 3763795.71 | 1.67118 | 420087.94 | 3763866.45 | 1.72862 |
| 420066.97 | 3763858.48 | 1.65712 | 420049.36 | 3763847.57 | 1.61207 |
| 420032.58 | 3763850.93 | 1.54129 | 420490.31 | 3764285.91 | 1.04216 |
| 420510.31 | 3764285.91 | 1.05566 | 420530.31 | 3764285.91 | 1.06918 |
| 420550.31 | 3764285.91 | 1.12827 | 420570.31 | 3764285.91 | 1.14244 |
| 420590.31 | 3764285.91 | 1.15718 | 420610.31 | 3764285.91 | 1.17292 |
| 420390.31 | 3764305.91 | 0.90787 | 420410.31 | 3764305.91 | 0.92067 |
| 420430.31 | 3764305.91 | 0.93405 | 420450.31 | 3764305.91 | 0.94551 |
| 420470.31 | 3764305.91 | 0.95664 | 420490.31 | 3764305.91 | 0.96760 |
| 420510.31 | 3764305.91 | 0.97849 | 420530.31 | 3764305.91 | 0.98936 |
| 420550.31 | 3764305.91 | 1.00158 | 420570.31 | 3764305.91 | 1.05758 |
| 420590.31 | 3764305.91 | 1.07030 | 420610.31 | 3764305.91 | 1.08365 |
| 420390.31 | 3764325.91 | 0.84922 | 420410.31 | 3764325.91 | 0.85992 |
| 420430.31 | 3764325.91 | 0.87225 | 420450.31 | 3764325.91 | 0.88148 |
| 420470.31 | 3764325.91 | 0.89155 | 420490.31 | 3764325.91 | 0.90103 |
| 420510.31 | 3764325.91 | 0.90987 | 420530.31 | 3764325.91 | 0.91868 |
| 420550.31 | 3764325.91 | 0.92953 | 420570.31 | 3764325.91 | 0.93998 |
| 420590.31 | 3764325.91 | 0.94895 | 420410.31 | 3764345.91 | 0.80707 |
| 420430.31 | 3764345.91 | 0.81530 | 420450.31 | 3764345.91 | 0.82215 |
| 420470.31 | 3764345.91 | 0.82984 | 420490.31 | 3764345.91 | 0.83952 |
| 420510.31 | 3764345.91 | 0.84963 | 420530.31 | 3764345.91 | 0.85734 |
| 420550.31 | 3764345.91 | 0.86586 | 420570.31 | 3764345.91 | 0.87470 |
| 420430.31 | 3764365.91 | 0.76471 | 420450.31 | 3764365.91 | 0.77062 |
| 420470.31 | 3764365.91 | 0.77667 | 420490.31 | 3764365.91 | 0.78442 |
| 420510.31 | 3764365.91 | 0.79375 | 420530.31 | 3764365.91 | 0.80235 |
| 420550.31 | 3764365.91 | 0.80943 | 420570.31 | 3764365.91 | 0.81593 |
| 420450.31 | 3764385.91 | 0.72515 | 420470.31 | 3764385.91 | 0.72996 |
| 420490.31 | 3764385.91 | 0.73519 | 420510.31 | 3764385.91 | 0.74218 |
| 420530.31 | 3764385.91 | 0.75255 | 420550.31 | 3764385.91 | 0.75874 |
| 420470.31 | 3764405.91 | 0.68733 | 420490.31 | 3764405.91 | 0.69222 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.69787 | 420530.31 | 3764405.91 | 0.70528 |
| 420490.31 | 3764425.91 | 0.65217 | 420510.31 | 3764425.91 | 0.65624 |
| 420504.61 | 3764167.94 | 1.81534 | 420511.08 | 3764158.02 | 1.92019 |
| 420524.44 | 3764147.67 | 2.05724 | 420535.23 | 3764136.03 | 2.21782 |
| 420493.83 | 3764108.43 | 2.41519 | 420483.05 | 3764124.38 | 2.18423 |
| 420469.25 | 3764140.34 | 1.97725 | 420454.16 | 3764160.60 | 1.76231 |
| 420443.38 | 3764173.11 | 1.64453 | 420427.85 | 3764193.38 | 1.48113 |
| 420417.51 | 3764210.62 | 1.31579 | 420405.86 | 3764224.42 | 1.23041 |
| 420389.91 | 3764241.24 | 1.13779 | 420379.13 | 3764258.92 | 1.05679 |
| 420362.74 | 3764275.31 | 0.98465 | 420351.10 | 3764286.95 | 0.93727 |
| 420518.84 | 3764071.76 | 3.11919 | 420534.99 | 3764080.89 | 3.04778 |
| 420548.34 | 3764092.83 | 2.90149 | 420571.51 | 3764110.38 | 2.69934 |
| 420591.17 | 3764123.02 | 2.57145 | 420605.91 | 3764135.66 | 2.42838 |
| 420622.06 | 3764145.49 | 2.33823 | 420640.32 | 3764160.23 | 2.19904 |
| 420614.34 | 3764193.23 | 1.79071 | 420580.63 | 3764167.96 | 1.96984 |
| 420565.89 | 3764182.00 | 1.80713 | 420553.95 | 3764191.13 | 1.70843 |
| 420597.49 | 3764203.77 | 1.67110 | 420591.87 | 3764223.43 | 1.51581 |
| 420539.91 | 3764200.26 | 1.61458 | 420606.61 | 3764240.98 | 1.41698 |
| 420629.08 | 3764250.81 | 1.38272 | 420648.74 | 3764238.87 | 1.48486 |
| 420651.55 | 3764222.73 | 1.60718 | 420660.68 | 3764207.98 | 1.74495 |
| 420667.00 | 3764195.34 | 1.87683 | 420681.74 | 3764181.30 | 2.06810 |
| 420712.64 | 3764215.70 | 1.80203 | 420695.09 | 3764229.75 | 1.63463 |
| 420732.30 | 3764227.64 | 1.75400 | 420747.05 | 3764238.17 | 1.71025 |
| 420767.41 | 3764245.19 | 1.72135 | 420681.04 | 3764247.30 | 1.47704 |
| 420668.40 | 3764264.85 | 1.34595 | 420655.06 | 3764283.11 | 1.22915 |
| 420641.02 | 3764297.86 | 1.14379 | 420638.21 | 3764314.71 | 1.06903 |
| 420629.08 | 3764330.86 | 0.99962 | 420619.25 | 3764349.11 | 0.88573 |
| 420605.91 | 3764381.41 | 0.78616 | 420599.59 | 3764395.46 | 0.74920 |
| 420572.91 | 3764397.56 | 0.73571 | 420563.78 | 3764415.82 | 0.69181 |
| 420537.80 | 3764434.78 | 0.64259 | 420556.76 | 3764436.18 | 0.64285 |
| 420575.72 | 3764441.10 | 0.63569 | 420589.76 | 3764450.93 | 0.62099 |
| 420638.21 | 3764481.82 | 0.58121 | 420641.02 | 3764463.56 | 0.61470 |
| 420648.74 | 3764446.01 | 0.65064 | 420652.96 | 3764423.54 | 0.70100 |
| 420652.96 | 3764410.90 | 0.73068 | 420650.85 | 3764387.03 | 0.79010 |
| 420295.36 | 3764152.91 | 1.36575 | 420331.87 | 3764188.02 | 1.28345 |
| 420353.64 | 3764208.38 | 1.22729 | 420339.59 | 3764226.64 | 1.13301 |
| 420327.66 | 3764237.87 | 1.07595 | 420317.83 | 3764252.62 | 1.01498 |
| 420300.27 | 3764231.55 | 1.06370 | 420285.53 | 3764216.81 | 1.09447 |
| 420271.48 | 3764206.28 | 1.10920 | 420260.25 | 3764195.04 | 1.12994 |
| 420283.42 | 3764171.17 | 1.26358 | 420268.56 | 3763810.41 | 3.49327 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 1.75692 | 420470.31 | 3764185.91 | 1.60608 |
| 420490.31 | 3764185.91 | 1.64210 | 420450.31 | 3764205.91 | 1.44267 |
| 420470.31 | 3764205.91 | 1.47278 | 420490.31 | 3764205.91 | 1.50203 |
| 420510.31 | 3764205.91 | 1.53082 | 420530.31 | 3764205.91 | 1.55954 |
| 420430.31 | 3764225.91 | 1.25562 | 420450.31 | 3764225.91 | 1.32988 |
| 420470.31 | 3764225.91 | 1.35472 | 420490.31 | 3764225.91 | 1.37882 |
| 420510.31 | 3764225.91 | 1.40239 | 420530.31 | 3764225.91 | 1.42571 |
| 420550.31 | 3764225.91 | 1.44838 | 420410.31 | 3764245.91 | 1.14011 |
| 420430.31 | 3764245.91 | 1.16211 | 420450.31 | 3764245.91 | 1.18250 |
| 420470.31 | 3764245.91 | 1.24987 | 420490.31 | 3764245.91 | 1.26982 |
| 420510.31 | 3764245.91 | 1.28929 | 420530.31 | 3764245.91 | 1.30878 |
| 420550.31 | 3764245.91 | 1.32777 | 420570.31 | 3764245.91 | 1.34747 |
| 420410.31 | 3764265.91 | 1.06037 | 420430.31 | 3764265.91 | 1.07793 |
| 420450.31 | 3764265.91 | 1.09506 | 420470.31 | 3764265.91 | 1.11133 |
| 420490.31 | 3764265.91 | 1.12689 | 420510.31 | 3764265.91 | 1.14231 |
| 420530.31 | 3764265.91 | 1.20571 | 420550.31 | 3764265.91 | 1.22185 |
| 420570.31 | 3764265.91 | 1.23835 | 420590.31 | 3764265.91 | 1.25582 |
| 420610.31 | 3764265.91 | 1.27489 | 420390.31 | 3764285.91 | 0.97202 |
| 420410.31 | 3764285.91 | 0.98740 | 420430.31 | 3764285.91 | 1.00230 |
| 420450.31 | 3764285.91 | 1.01634 | 420470.31 | 3764285.91 | 1.02914 |
| 420162.22 | 3763820.99 | 2.26870 | 420180.57 | 3763830.04 | 2.36075 |
| 420200.57 | 3763830.04 | 2.51473 | 420200.57 | 3763850.04 | 2.42674 |
| 420220.57 | 3763850.04 | 2.58757 | 420240.57 | 3763850.04 | 2.77117 |
| 420160.57 | 3763870.04 | 2.06835 | 420180.57 | 3763870.04 | 2.19462 |
| 420220.57 | 3763870.04 | 2.48418 | 420240.57 | 3763870.04 | 2.65072 |
| 420260.57 | 3763870.04 | 2.84183 | 420160.57 | 3763890.04 | 1.98842 |
| 420200.57 | 3763890.04 | 2.23669 | 420260.57 | 3763890.04 | 2.71001 |
| 420280.57 | 3763890.04 | 2.89793 | 420140.57 | 3763910.04 | 1.81154 |
| 420200.57 | 3763910.04 | 2.13495 | 420220.57 | 3763910.04 | 2.27204 |
| 420280.57 | 3763910.04 | 2.75330 | 420300.57 | 3763910.04 | 2.94671 |
| 420160.57 | 3763930.04 | 1.82685 | 420180.57 | 3763930.04 | 1.92472 |
| 420220.57 | 3763930.04 | 2.16014 | 420240.57 | 3763930.04 | 2.29345 |
| 420260.57 | 3763930.04 | 2.44553 | 420320.57 | 3763930.04 | 2.97481 |
| 420340.57 | 3763930.04 | 3.19317 | 420120.57 | 3763950.04 | 1.58120 |
| 420140.57 | 3763950.04 | 1.65978 | 420200.57 | 3763950.04 | 1.94088 |
| 420220.57 | 3763950.04 | 2.04962 | 420260.57 | 3763950.04 | 2.30821 |
| 420280.57 | 3763950.04 | 2.45762 | 420340.57 | 3763950.04 | 2.98793 |
| 420360.57 | 3763950.04 | 3.20594 | 420120.57 | 3763970.04 | 1.51421 |
| 420140.57 | 3763970.04 | 1.58654 | 420160.57 | 3763970.04 | 1.66938 |
| 420240.57 | 3763970.04 | 2.05494 | 420300.57 | 3763970.04 | 2.45804 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.78651 | 420360.57 | 3763970.04 | 2.97838 |
| 420100.57 | 3763990.04 | 1.38892 | 420120.57 | 3763990.04 | 1.45017 |
| 420160.57 | 3763990.04 | 1.59035 | 420180.57 | 3763990.04 | 1.67284 |
| 420240.57 | 3763990.04 | 1.94584 | 420260.57 | 3763990.04 | 2.04975 |
| 420280.57 | 3763990.04 | 2.16914 | 420340.57 | 3763990.04 | 2.59423 |
| 420120.57 | 3764010.04 | 1.38779 | 420140.57 | 3764010.04 | 1.44897 |
| 420160.57 | 3764010.04 | 1.51937 | 420200.57 | 3764010.04 | 1.66922 |
| 420220.57 | 3764010.04 | 1.75129 | 420280.57 | 3764010.04 | 2.04093 |
| 420320.57 | 3764010.04 | 2.27745 | 420400.57 | 3764010.04 | 2.86662 |
| 420420.57 | 3764010.04 | 3.04585 | 420440.57 | 3764010.04 | 3.23870 |
| 420180.57 | 3764030.04 | 1.51255 | 420200.57 | 3764030.04 | 1.58053 |
| 420240.57 | 3764030.04 | 1.73913 | 420300.57 | 3764030.04 | 2.02009 |
| 420320.57 | 3764030.04 | 2.12415 | 420400.57 | 3764030.04 | 2.62550 |
| 420440.57 | 3764030.04 | 2.93441 | 420460.57 | 3764030.04 | 3.10657 |
| 420180.57 | 3764050.04 | 1.43403 | 420200.57 | 3764050.04 | 1.49621 |
| 420240.57 | 3764050.04 | 1.63812 | 420280.57 | 3764050.04 | 1.80053 |
| 420380.57 | 3764050.04 | 2.28700 | 420480.57 | 3764050.04 | 2.93784 |
| 420200.57 | 3764070.04 | 1.41914 | 420220.57 | 3764070.04 | 1.48212 |
| 420260.57 | 3764070.04 | 1.61616 | 420280.57 | 3764070.04 | 1.68592 |
| 420360.57 | 3764070.04 | 2.01584 | 420420.57 | 3764070.04 | 2.30763 |
| 420440.57 | 3764070.04 | 2.41211 | 420260.57 | 3764090.04 | 1.51836 |
| 420340.57 | 3764090.04 | 1.78876 | 420400.57 | 3764090.04 | 2.02513 |
| 420420.57 | 3764090.04 | 2.10568 | 420440.57 | 3764090.04 | 2.19146 |
| 420460.57 | 3764090.04 | 2.28363 | 420260.57 | 3764110.04 | 1.42538 |
| 420340.57 | 3764110.04 | 1.66132 | 420400.57 | 3764110.04 | 1.85711 |
| 420420.57 | 3764110.04 | 1.92600 | 420440.57 | 3764110.04 | 1.99732 |
| 420320.57 | 3764130.04 | 1.48927 | 420380.57 | 3764130.04 | 1.65249 |
| 420400.57 | 3764130.04 | 1.70733 | 420420.57 | 3764130.04 | 1.76558 |
| 420360.57 | 3764150.04 | 1.48156 | 420400.57 | 3764150.04 | 1.57221 |
| 420340.57 | 3764170.04 | 1.33614 | 420380.57 | 3764170.04 | 1.41124 |
| 420400.57 | 3764170.04 | 1.45045 | 420380.57 | 3764190.04 | 1.30727 |
| 420714.65 | 3764272.44 | 1.21325 | 420734.65 | 3764284.40 | 1.17350 |
| 420754.65 | 3764284.40 | 1.19960 | 420280.59 | 3763433.11 | 3.91570 |
| 420260.59 | 3763453.11 | 3.77933 | 420260.59 | 3763473.11 | 3.80585 |
| 420233.62 | 3763487.75 | 3.50774 | 420253.62 | 3763507.75 | 3.77248 |
| 420200.59 | 3763533.11 | 3.17846 | 420223.55 | 3763541.34 | 3.42988 |
| 420240.59 | 3763533.11 | 3.62988 | 420179.16 | 3763563.83 | 2.95777 |
| 420200.59 | 3763573.11 | 3.16297 | 420234.64 | 3763578.58 | 3.56175 |
| 420200.59 | 3763593.11 | 3.15257 | 420160.59 | 3763613.11 | 2.75419 |
| 420138.25 | 3763640.23 | 2.53589 | 420200.59 | 3763613.11 | 3.13911 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.90996 | 420172.25 | 3763655.96 | 2.79773 |
| 420160.59 | 3763673.11 | 2.66738 | 420160.59 | 3763693.11 | 2.63045 |
| 420092.84 | 3763719.31 | 2.09580 | 420140.59 | 3763713.11 | 2.42905 |
| 420120.59 | 3763733.11 | 2.24462 | 420804.93 | 3764263.30 | 1.40910 |
| 420820.93 | 3764270.66 | 1.39408 | 420839.88 | 3764276.55 | 1.39696 |
| 420860.72 | 3764279.50 | 1.42290 | 420880.72 | 3764279.50 | 1.47287 |
| 420892.72 | 3764288.76 | 1.42489 | 420900.72 | 3764299.50 | 1.37609 |
| 420920.72 | 3764299.50 | 1.43065 | 420980.72 | 3764299.50 | 1.61070 |
| 420740.72 | 3764319.50 | 1.02242 | 420780.72 | 3764319.50 | 1.06338 |
| 420800.72 | 3764319.50 | 1.08486 | 420820.72 | 3764319.50 | 1.11161 |
| 420840.72 | 3764319.50 | 1.14161 | 420940.72 | 3764319.50 | 1.33577 |
| 420980.72 | 3764319.50 | 1.43443 | 421003.29 | 3764310.49 | 1.56433 |
| 421023.29 | 3764310.49 | 1.59569 | 421043.29 | 3764310.49 | 1.64907 |
| 421063.29 | 3764310.49 | 1.70006 | 421083.29 | 3764310.49 | 1.75082 |
| 421103.29 | 3764310.49 | 1.80265 | 421123.29 | 3764310.49 | 1.85520 |
| 421143.29 | 3764310.49 | 1.90459 | 421163.29 | 3764310.49 | 1.95154 |
| 421183.29 | 3764310.49 | 1.99575 | 421203.29 | 3764310.49 | 2.03911 |
| 421223.29 | 3764310.49 | 2.08510 | 421243.29 | 3764310.49 | 2.12151 |
| 421263.29 | 3764310.49 | 2.15400 | 421283.29 | 3764310.49 | 2.18349 |
| 421303.29 | 3764310.49 | 2.21125 | 420760.72 | 3764339.50 | 0.96401 |
| 420860.72 | 3764339.50 | 1.07811 | 420880.72 | 3764339.50 | 1.10891 |
| 420920.72 | 3764339.50 | 1.17777 | 420980.72 | 3764339.50 | 1.28481 |
| 420700.42 | 3764305.37 | 1.03960 | 420780.72 | 3764359.50 | 0.90678 |
| 420800.72 | 3764359.50 | 0.92323 | 420823.92 | 3764366.20 | 0.92152 |
| 420920.72 | 3764359.50 | 1.06499 | 420980.72 | 3764359.50 | 1.15111 |
| 421010.96 | 3764363.22 | 1.19614 | 421030.96 | 3764363.22 | 1.23681 |
| 421050.96 | 3764363.22 | 1.27399 | 421070.96 | 3764363.22 | 1.31212 |
| 421090.96 | 3764363.22 | 1.34966 | 421110.96 | 3764363.22 | 1.38752 |
| 421130.96 | 3764363.22 | 1.42273 | 421150.96 | 3764363.22 | 1.45768 |
| 421170.96 | 3764363.22 | 1.50624 | 421190.96 | 3764368.75 | 1.50004 |
| 421210.17 | 3764368.36 | 1.54274 | 421230.17 | 3764368.36 | 1.58465 |
| 421250.17 | 3764368.36 | 1.62102 | 421270.17 | 3764368.36 | 1.65369 |
| 421290.17 | 3764368.36 | 1.68573 | 421310.17 | 3764368.36 | 1.71733 |
| 420843.63 | 3764371.64 | 0.91962 | 420860.72 | 3764379.50 | 0.90672 |
| 420880.72 | 3764379.50 | 0.92135 | 420898.39 | 3764385.33 | 0.91353 |
| 420980.72 | 3764379.50 | 1.03206 | 420760.72 | 3764399.50 | 0.77370 |
| 420780.72 | 3764399.50 | 0.78519 | 420920.72 | 3764399.50 | 0.88438 |
| 420940.72 | 3764399.50 | 0.91157 | 420980.72 | 3764399.50 | 0.93024 |
| 420746.30 | 3764412.53 | 0.73264 | 420780.72 | 3764419.50 | 0.73021 |
| 420820.72 | 3764419.50 | 0.75967 | 420840.72 | 3764419.50 | 0.77175 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 0.83193 | 420980.72 | 3764419.50 | 0.84597 |
| 421013.06 | 3764405.83 | 0.92432 | 421033.06 | 3764405.83 | 0.94101 |
| 421053.06 | 3764405.83 | 0.96405 | 421073.06 | 3764405.83 | 0.98780 |
| 421093.06 | 3764405.83 | 1.01099 | 421113.06 | 3764405.83 | 1.03378 |
| 421133.06 | 3764405.83 | 1.05485 | 421160.72 | 3764419.50 | 1.00712 |
| 421180.72 | 3764419.50 | 1.03770 | 421220.72 | 3764419.50 | 1.20176 |
| 421233.28 | 3764408.34 | 1.30192 | 421253.28 | 3764408.34 | 1.33496 |
| 421273.28 | 3764408.34 | 1.37456 | 421293.28 | 3764408.34 | 1.40699 |
| 420746.30 | 3764432.53 | 0.68464 | 420780.72 | 3764439.50 | 0.68342 |
| 420820.72 | 3764439.50 | 0.70866 | 420860.72 | 3764439.50 | 0.72667 |
| 420880.72 | 3764439.50 | 0.73753 | 420940.72 | 3764439.50 | 0.76898 |
| 420980.72 | 3764439.50 | 0.77639 | 420994.21 | 3764452.98 | 0.74506 |
| 421014.21 | 3764452.98 | 0.75931 | 421034.21 | 3764452.98 | 0.77371 |
| 421054.21 | 3764452.98 | 0.78947 | 421074.21 | 3764452.98 | 0.80691 |
| 421094.21 | 3764452.98 | 0.82530 | 421114.21 | 3764452.98 | 0.84181 |
| 421134.21 | 3764452.98 | 0.85499 | 421180.72 | 3764439.50 | 0.94078 |
| 421220.72 | 3764439.50 | 1.09253 | 420737.00 | 3764452.99 | 0.63851 |
| 420780.72 | 3764459.50 | 0.64211 | 420820.72 | 3764459.50 | 0.66045 |
| 420920.72 | 3764459.50 | 0.69072 | 421134.21 | 3764472.98 | 0.77324 |
| 421180.72 | 3764459.50 | 0.85550 | 421200.72 | 3764459.50 | 0.87348 |
| 421233.28 | 3764448.34 | 1.07037 | 421252.35 | 3764459.04 | 1.07326 |
| 421293.28 | 3764448.34 | 1.19470 | 420737.00 | 3764472.99 | 0.60134 |
| 420820.72 | 3764479.50 | 0.61660 | 420871.79 | 3764475.04 | 0.61436 |
| 420920.72 | 3764479.50 | 0.63318 | 421180.72 | 3764479.50 | 0.78097 |
| 421200.72 | 3764479.50 | 0.78829 | 421260.72 | 3764479.50 | 0.98836 |
| 421280.72 | 3764479.50 | 1.03632 | 420737.00 | 3764492.99 | 0.56700 |
| 420767.69 | 3764492.53 | 0.57429 | 420820.72 | 3764499.50 | 0.57693 |
| 420871.79 | 3764495.04 | 0.56744 | 420920.72 | 3764499.50 | 0.58789 |
| 421114.21 | 3764512.98 | 0.58937 | 421134.21 | 3764512.98 | 0.61581 |
| 421200.72 | 3764499.50 | 0.72318 | 421280.72 | 3764499.50 | 0.96013 |
| 420730.48 | 3764507.70 | 0.54320 | 420767.69 | 3764512.53 | 0.54017 |
| 420820.72 | 3764519.50 | 0.53926 | 420871.79 | 3764515.04 | 0.52666 |
| 420920.72 | 3764519.50 | 0.53915 | 421000.26 | 3764522.29 | 0.46955 |
| 421020.26 | 3764522.29 | 0.47696 | 421040.26 | 3764522.29 | 0.49350 |
| 421060.26 | 3764522.29 | 0.51219 | 421080.26 | 3764522.29 | 0.53288 |
| 421200.72 | 3764519.50 | 0.67156 | 421280.72 | 3764519.50 | 0.89127 |
| 420730.48 | 3764527.70 | 0.51463 | 420767.69 | 3764532.53 | 0.50902 |
| 420820.72 | 3764539.50 | 0.50444 | 420860.72 | 3764539.50 | 0.48333 |
| 420920.72 | 3764539.50 | 0.49511 | 420980.72 | 3764539.50 | 0.42801 |
| 421160.72 | 3764539.50 | 0.59296 | 421180.72 | 3764539.50 | 0.61336 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.82936 | 420860.72 | 3764559.50 | 0.45016 |
| 420909.07 | 3764562.58 | 0.45795 | 420980.72 | 3764559.50 | 0.40484 |
| 421040.72 | 3764559.50 | 0.43675 | 421080.72 | 3764559.50 | 0.47873 |
| 421100.72 | 3764559.50 | 0.49526 | 421120.72 | 3764559.50 | 0.51346 |
| 421140.72 | 3764559.50 | 0.53201 | 421160.72 | 3764559.50 | 0.55152 |
| 420960.72 | 3764579.50 | 0.38547 | 421020.72 | 3764579.50 | 0.40326 |
| 420680.84 | 3764330.64 | 0.92884 | 420720.84 | 3764330.64 | 0.95808 |
| 420660.84 | 3764350.64 | 0.85517 | 420692.00 | 3764425.97 | 0.68100 |
| 420720.84 | 3764350.64 | 0.89437 | 420660.84 | 3764370.64 | 0.79701 |
| 420700.84 | 3764370.64 | 0.81684 | 420700.84 | 3764390.64 | 0.76397 |
| 420700.84 | 3764410.64 | 0.71791 | 420680.84 | 3764450.64 | 0.62647 |
| 420680.84 | 3764470.64 | 0.59030 | 420680.84 | 3764490.64 | 0.55751 |
| 420101.08 | 3763674.83 | 2.22651 | 420083.47 | 3763665.61 | 2.13104 |
| 420070.89 | 3763688.25 | 2.02530 | 420083.05 | 3763697.47 | 2.07871 |
| 420043.64 | 3763644.22 | 1.93500 | 420057.47 | 3763625.35 | 2.02757 |
| 420067.12 | 3763611.93 | 2.09326 | 420079.70 | 3763600.61 | 2.17630 |
| 420101.50 | 3763588.45 | 2.32570 | 420107.79 | 3763573.35 | 2.37716 |
| 420119.53 | 3763558.68 | 2.46805 | 420130.02 | 3763541.07 | 2.54966 |
| 420141.76 | 3763528.91 | 2.64255 | 420177.06 | 3763505.07 | 2.94312 |
| 420182.52 | 3763490.53 | 2.98391 | 420189.79 | 3763470.23 | 3.04282 |
| 420205.24 | 3763456.30 | 3.17682 | 420211.91 | 3763443.87 | 3.22404 |
| 420221.30 | 3763427.51 | 3.31513 | 420233.11 | 3763414.79 | 3.38408 |
| 420187.06 | 3763375.10 | 2.84863 | 420174.04 | 3763398.73 | 2.74155 |
| 420159.80 | 3763419.94 | 2.60653 | 420144.65 | 3763435.69 | 2.50126 |
| 420157.37 | 3763449.33 | 2.64631 | 420203.21 | 3763366.33 | 2.99272 |
| 420212.30 | 3763349.37 | 3.03718 | 420110.79 | 3763789.57 | 1.98309 |
| 420095.76 | 3763777.27 | 1.93329 | 420082.79 | 3763760.88 | 1.91772 |
| 420069.13 | 3763754.06 | 1.85585 | 420054.11 | 3763743.13 | 1.79767 |
| 420101.91 | 3763822.34 | 1.85752 | 420083.47 | 3763829.85 | 1.74291 |
| 420062.30 | 3763818.25 | 1.67913 | 420054.11 | 3763806.64 | 1.67060 |
| 420037.04 | 3763795.71 | 1.62385 | 420087.94 | 3763866.45 | 1.67357 |
| 420066.97 | 3763858.48 | 1.60594 | 420049.36 | 3763847.57 | 1.56475 |
| 420032.58 | 3763850.93 | 1.49796 | 420490.31 | 3764285.91 | 0.98905 |
| 420510.31 | 3764285.91 | 1.00147 | 420530.31 | 3764285.91 | 1.01423 |
| 420550.31 | 3764285.91 | 1.02700 | 420570.31 | 3764285.91 | 1.03886 |
| 420590.31 | 3764285.91 | 1.04996 | 420610.31 | 3764285.91 | 1.06065 |
| 420390.31 | 3764305.91 | 0.86808 | 420410.31 | 3764305.91 | 0.87853 |
| 420430.31 | 3764305.91 | 0.89000 | 420450.31 | 3764305.91 | 0.89957 |
| 420470.31 | 3764305.91 | 0.90914 | 420490.31 | 3764305.91 | 0.91894 |
| 420510.31 | 3764305.91 | 0.92898 | 420530.31 | 3764305.91 | 0.93935 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

| X-COORD (M) | Y-COORD (M) | ** CONC OF OTHER IN MICROGRAMS/M**3 CONC | X-COORD (M) | Y-COORD (M) | ** CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 0.95137 | 420570.31 | 3764305.91 | 0.96233 |
| 420590.31 | 3764305.91 | 0.97170 | 420610.31 | 3764305.91 | 0.97964 |
| 420390.31 | 3764325.91 | 0.81171 | 420410.31 | 3764325.91 | 0.82041 |
| 420430.31 | 3764325.91 | 0.83105 | 420450.31 | 3764325.91 | 0.83875 |
| 420470.31 | 3764325.91 | 0.84773 | 420490.31 | 3764325.91 | 0.85641 |
| 420510.31 | 3764325.91 | 0.86467 | 420530.31 | 3764325.91 | 0.87309 |
| 420550.31 | 3764325.91 | 0.88408 | 420570.31 | 3764325.91 | 0.89431 |
| 420590.31 | 3764325.91 | 0.90250 | 420410.31 | 3764345.91 | 0.77019 |
| 420430.31 | 3764345.91 | 0.77701 | 420450.31 | 3764345.91 | 0.78271 |
| 420470.31 | 3764345.91 | 0.78955 | 420490.31 | 3764345.91 | 0.79863 |
| 420510.31 | 3764345.91 | 0.80859 | 420530.31 | 3764345.91 | 0.81615 |
| 420550.31 | 3764345.91 | 0.82471 | 420570.31 | 3764345.91 | 0.83342 |
| 420430.31 | 3764365.91 | 0.72923 | 420450.31 | 3764365.91 | 0.73432 |
| 420470.31 | 3764365.91 | 0.73979 | 420490.31 | 3764365.91 | 0.74723 |
| 420510.31 | 3764365.91 | 0.75623 | 420530.31 | 3764365.91 | 0.76510 |
| 420550.31 | 3764365.91 | 0.77221 | 420570.31 | 3764365.91 | 0.77846 |
| 420450.31 | 3764385.91 | 0.69170 | 420470.31 | 3764385.91 | 0.69622 |
| 420490.31 | 3764385.91 | 0.70135 | 420510.31 | 3764385.91 | 0.70830 |
| 420530.31 | 3764385.91 | 0.71877 | 420550.31 | 3764385.91 | 0.72503 |
| 420470.31 | 3764405.91 | 0.65644 | 420490.31 | 3764405.91 | 0.66137 |
| 420510.31 | 3764405.91 | 0.66714 | 420530.31 | 3764405.91 | 0.67445 |
| 420490.31 | 3764425.91 | 0.62405 | 420510.31 | 3764425.91 | 0.62837 |
| 420504.61 | 3764167.94 | 1.65945 | 420511.08 | 3764158.02 | 1.75422 |
| 420524.44 | 3764147.67 | 1.87617 | 420535.23 | 3764136.03 | 2.01649 |
| 420493.83 | 3764108.43 | 2.20129 | 420483.05 | 3764124.38 | 1.99541 |
| 420469.25 | 3764140.34 | 1.81060 | 420454.16 | 3764160.60 | 1.61807 |
| 420443.38 | 3764173.11 | 1.51284 | 420427.85 | 3764193.38 | 1.36260 |
| 420417.51 | 3764210.62 | 1.25755 | 420405.86 | 3764224.42 | 1.17701 |
| 420389.91 | 3764241.24 | 1.09022 | 420379.13 | 3764258.92 | 1.01328 |
| 420362.74 | 3764275.31 | 0.94548 | 420351.10 | 3764286.95 | 0.90085 |
| 420518.84 | 3764071.76 | 2.82074 | 420534.99 | 3764080.89 | 2.75294 |
| 420548.34 | 3764092.83 | 2.62118 | 420571.51 | 3764110.38 | 2.42549 |
| 420591.17 | 3764123.02 | 2.31304 | 420605.91 | 3764135.66 | 2.17677 |
| 420622.06 | 3764145.49 | 2.08943 | 420640.32 | 3764160.23 | 1.96310 |
| 420614.34 | 3764193.23 | 1.61724 | 420580.63 | 3764167.96 | 1.77950 |
| 420565.89 | 3764182.00 | 1.64139 | 420553.95 | 3764191.13 | 1.55563 |
| 420597.49 | 3764203.77 | 1.51159 | 420591.87 | 3764223.43 | 1.37583 |
| 420539.91 | 3764200.26 | 1.47168 | 420606.61 | 3764240.98 | 1.28482 |
| 420629.08 | 3764250.81 | 1.25045 | 420648.74 | 3764238.87 | 1.33229 |
| 420651.55 | 3764222.73 | 1.44005 | 420660.68 | 3764207.98 | 1.55410 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_TR_ON ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

| X-COORD (M) | Y-COORD (M) | ** CONC OF OTHER IN MICROGRAMS/M**3 CONC | X-COORD (M) | Y-COORD (M) | ** CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 1.66555 | 420681.74 | 3764181.30 | 1.82415 |
| 420712.64 | 3764215.70 | 1.56245 | 420695.09 | 3764229.75 | 1.43353 |
| 420732.30 | 3764227.64 | 1.50667 | 420747.05 | 3764238.17 | 1.46165 |
| 420767.41 | 3764245.19 | 1.45768 | 420681.04 | 3764247.30 | 1.30607 |
| 420668.40 | 3764264.85 | 1.19730 | 420655.06 | 3764283.11 | 1.09919 |
| 420641.02 | 3764297.86 | 1.02748 | 420638.21 | 3764314.71 | 0.96296 |
| 420629.08 | 3764330.86 | 0.90339 | 420619.25 | 3764349.11 | 0.84305 |
| 420605.91 | 3764381.41 | 0.75045 | 420599.59 | 3764395.46 | 0.71608 |
| 420572.91 | 3764397.56 | 0.70339 | 420563.78 | 3764415.82 | 0.66258 |
| 420537.80 | 3764434.78 | 0.61637 | 420556.76 | 3764436.18 | 0.61698 |
| 420575.72 | 3764441.10 | 0.61041 | 420589.76 | 3764450.93 | 0.59673 |
| 420638.21 | 3764481.82 | 0.55858 | 420641.02 | 3764463.56 | 0.58973 |
| 420648.74 | 3764446.01 | 0.62279 | 420652.96 | 3764423.54 | 0.66902 |
| 420652.96 | 3764410.90 | 0.69682 | 420650.85 | 3764387.03 | 0.75235 |
| 420295.36 | 3764152.91 | 1.31998 | 420331.87 | 3764188.02 | 1.23877 |
| 420353.64 | 3764208.38 | 1.18146 | 420339.59 | 3764226.64 | 1.09223 |
| 420327.66 | 3764237.87 | 1.03833 | 420317.83 | 3764252.62 | 0.98036 |
| 420300.27 | 3764231.55 | 1.02934 | 420285.53 | 3764216.81 | 1.06042 |
| 420271.48 | 3764206.28 | 1.07529 | 420260.25 | 3764195.04 | 1.09563 |
| 420283.42 | 3764171.17 | 1.22336 | 420972.38 | 3763271.71 | 1.79937 |
| 420913.80 | 3763329.33 | 2.42744 | 420955.88 | 3763316.14 | 2.08815 |
| 421011.82 | 3763312.84 | 1.81890 | 420869.05 | 3763382.67 | 3.26601 |
| 420913.80 | 3763379.33 | 2.79581 | 420955.88 | 3763366.14 | 2.38708 |
| 421011.82 | 3763362.84 | 2.07950 | 420906.65 | 3763419.80 | 3.24383 |
| 420955.88 | 3763416.14 | 2.77479 | 421011.82 | 3763412.84 | 2.42466 |
| 421009.84 | 3763454.26 | 2.81733 | 420679.66 | 3764117.07 | 3.06412 |
| 420692.12 | 3764098.22 | 3.60713 | 420703.14 | 3764099.09 | 3.68463 |
| 420702.56 | 3764144.04 | 2.68277 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 2.35918 | 420180.57 | 3763830.04 | 2.46928 |
| 420200.57 | 3763830.04 | 2.62316 | 420200.57 | 3763850.04 | 2.57491 |
| 420220.57 | 3763850.04 | 2.73993 | 420240.57 | 3763850.04 | 2.92842 |
| 420160.57 | 3763870.04 | 2.24479 | 420180.57 | 3763870.04 | 2.37490 |
| 420220.57 | 3763870.04 | 2.67724 | 420240.57 | 3763870.04 | 2.85263 |
| 420260.57 | 3763870.04 | 3.05433 | 420160.57 | 3763890.04 | 2.19653 |
| 420200.57 | 3763890.04 | 2.46039 | 420260.57 | 3763890.04 | 2.96752 |
| 420280.57 | 3763890.04 | 3.16763 | 420140.57 | 3763910.04 | 2.04342 |
| 420200.57 | 3763910.04 | 2.37165 | 420220.57 | 3763910.04 | 2.54129 |
| 420280.57 | 3763910.04 | 3.07108 | 420300.57 | 3763910.04 | 3.27730 |
| 420160.57 | 3763930.04 | 2.06922 | 420180.57 | 3763930.04 | 2.15580 |
| 420220.57 | 3763930.04 | 2.44281 | 420240.57 | 3763930.04 | 2.59398 |
| 420260.57 | 3763930.04 | 2.78185 | 420320.57 | 3763930.04 | 3.35785 |
| 420340.57 | 3763930.04 | 3.60098 | 420120.57 | 3763950.04 | 1.82099 |
| 420140.57 | 3763950.04 | 1.89699 | 420200.57 | 3763950.04 | 2.21811 |
| 420220.57 | 3763950.04 | 2.32771 | 420260.57 | 3763950.04 | 2.65188 |
| 420280.57 | 3763950.04 | 2.84061 | 420340.57 | 3763950.04 | 3.43842 |
| 420360.57 | 3763950.04 | 3.69373 | 420120.57 | 3763970.04 | 1.75755 |
| 420140.57 | 3763970.04 | 1.83229 | 420160.57 | 3763970.04 | 1.95005 |
| 420240.57 | 3763970.04 | 2.37052 | 420300.57 | 3763970.04 | 2.88783 |
| 420340.57 | 3763970.04 | 3.26938 | 420360.57 | 3763970.04 | 3.49838 |
| 420100.57 | 3763990.04 | 1.65216 | 420120.57 | 3763990.04 | 1.70897 |
| 420160.57 | 3763990.04 | 1.87028 | 420180.57 | 3763990.04 | 1.99034 |
| 420240.57 | 3763990.04 | 2.29170 | 420260.57 | 3763990.04 | 2.40188 |
| 420280.57 | 3763990.04 | 2.55356 | 420340.57 | 3763990.04 | 3.10256 |
| 420120.57 | 3764010.04 | 1.66561 | 420140.57 | 3764010.04 | 1.73342 |
| 420160.57 | 3764010.04 | 1.83431 | 420200.57 | 3764010.04 | 2.01571 |
| 420220.57 | 3764010.04 | 2.10887 | 420280.57 | 3764010.04 | 2.45817 |
| 420320.57 | 3764010.04 | 2.76262 | 420400.57 | 3764010.04 | 3.45886 |
| 420420.57 | 3764010.04 | 3.67720 | 420440.57 | 3764010.04 | 3.90627 |
| 420180.57 | 3764030.04 | 1.84873 | 420200.57 | 3764030.04 | 1.92595 |
| 420240.57 | 3764030.04 | 2.13543 | 420300.57 | 3764030.04 | 2.50915 |
| 420320.57 | 3764030.04 | 2.62235 | 420400.57 | 3764030.04 | 3.23319 |
| 420440.57 | 3764030.04 | 3.62736 | 420460.57 | 3764030.04 | 3.85372 |
| 420180.57 | 3764050.04 | 1.77577 | 420200.57 | 3764050.04 | 1.85108 |
| 420240.57 | 3764050.04 | 2.03614 | 420280.57 | 3764050.04 | 2.25811 |
| 420380.57 | 3764050.04 | 2.86424 | 420480.57 | 3764050.04 | 3.73932 |

| | | | | | |
|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 1.78976 | 420220.57 | 3764070.04 | 1.87786 |
| 420260.57 | 3764070.04 | 2.05640 | 420280.57 | 3764070.04 | 2.14219 |
| 420360.57 | 3764070.04 | 2.58150 | 420420.57 | 3764070.04 | 2.98402 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 3.12392 | 420260.57 | 3764090.04 | 1.96386 |
| 420340.57 | 3764090.04 | 2.33370 | 420400.57 | 3764090.04 | 2.67456 |
| 420420.57 | 3764090.04 | 2.77948 | 420440.57 | 3764090.04 | 2.91294 |
| 420460.57 | 3764090.04 | 3.07769 | 420260.57 | 3764110.04 | 1.86520 |
| 420340.57 | 3764110.04 | 2.21451 | 420400.57 | 3764110.04 | 2.50366 |
| 420420.57 | 3764110.04 | 2.61071 | 420440.57 | 3764110.04 | 2.73411 |
| 420320.57 | 3764130.04 | 2.00682 | 420380.57 | 3764130.04 | 2.27374 |
| 420400.57 | 3764130.04 | 2.36182 | 420420.57 | 3764130.04 | 2.45982 |
| 420360.57 | 3764150.04 | 2.07587 | 420400.57 | 3764150.04 | 2.23053 |
| 420340.57 | 3764170.04 | 1.89504 | 420380.57 | 3764170.04 | 2.03311 |
| 420400.57 | 3764170.04 | 2.11232 | 420380.57 | 3764190.04 | 1.93134 |
| 420714.65 | 3764272.44 | 2.05944 | 420734.65 | 3764284.40 | 1.98728 |
| 420754.65 | 3764284.40 | 1.98186 | 420280.59 | 3763433.11 | 3.21490 |
| 420260.59 | 3763453.11 | 3.08699 | 420260.59 | 3763473.11 | 3.14266 |
| 420233.62 | 3763487.75 | 2.93068 | 420253.62 | 3763507.75 | 3.16225 |
| 420200.59 | 3763533.11 | 2.73359 | 420223.55 | 3763541.34 | 2.94231 |
| 420240.59 | 3763533.11 | 3.08803 | 420179.16 | 3763563.83 | 2.60187 |
| 420200.59 | 3763573.11 | 2.78220 | 420234.64 | 3763578.58 | 3.10444 |
| 420200.59 | 3763593.11 | 2.80138 | 420160.59 | 3763613.11 | 2.49732 |
| 420138.25 | 3763640.23 | 2.34849 | 420200.59 | 3763613.11 | 2.81666 |
| 420180.59 | 3763633.11 | 2.65659 | 420172.25 | 3763655.96 | 2.59330 |
| 420160.59 | 3763673.11 | 2.50282 | 420160.59 | 3763693.11 | 2.49667 |
| 420092.84 | 3763719.31 | 2.05405 | 420140.59 | 3763713.11 | 2.34481 |
| 420120.59 | 3763733.11 | 2.20361 | 420804.93 | 3764263.30 | 2.06394 |
| 420820.93 | 3764270.66 | 2.00894 | 420839.88 | 3764276.55 | 1.95967 |
| 420860.72 | 3764279.50 | 1.92180 | 420880.72 | 3764279.50 | 1.89799 |
| 420892.72 | 3764288.76 | 1.82017 | 420900.72 | 3764299.50 | 1.77923 |
| 420920.72 | 3764299.50 | 1.76119 | 420980.72 | 3764299.50 | 1.68759 |
| 420740.72 | 3764319.50 | 1.81088 | 420780.72 | 3764319.50 | 1.79616 |
| 420800.72 | 3764319.50 | 1.78409 | 420820.72 | 3764319.50 | 1.77120 |
| 420840.72 | 3764319.50 | 1.75643 | 420940.72 | 3764319.50 | 1.63981 |
| 420980.72 | 3764319.50 | 1.59135 | 421003.29 | 3764310.49 | 1.59453 |
| 421023.29 | 3764310.49 | 1.51630 | 421043.29 | 3764310.49 | 1.48869 |
| 421063.29 | 3764310.49 | 1.45868 | 421083.29 | 3764310.49 | 1.43164 |

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|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 1.40494 | 421123.29 | 3764310.49 | 1.38054 |
| 421143.29 | 3764310.49 | 1.35583 | 421163.29 | 3764310.49 | 1.33153 |
| 421183.29 | 3764310.49 | 1.30863 | 421203.29 | 3764310.49 | 1.28583 |
| 421223.29 | 3764310.49 | 1.26302 | 421243.29 | 3764310.49 | 1.23960 |
| 421263.29 | 3764310.49 | 1.21707 | 421283.29 | 3764310.49 | 1.19524 |
| 421303.29 | 3764310.49 | 1.17438 | 420760.72 | 3764339.50 | 1.71757 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 1.65784 | 420880.72 | 3764339.50 | 1.63732 |
| 420920.72 | 3764339.50 | 1.59075 | 420980.72 | 3764339.50 | 1.47533 |
| 420700.42 | 3764305.37 | 1.84570 | 420780.72 | 3764359.50 | 1.62084 |
| 420800.72 | 3764359.50 | 1.60335 | 420823.92 | 3764366.20 | 1.56113 |
| 420920.72 | 3764359.50 | 1.46693 | 420980.72 | 3764359.50 | 1.37618 |
| 421010.96 | 3764363.22 | 1.34897 | 421030.96 | 3764363.22 | 1.33598 |
| 421050.96 | 3764363.22 | 1.31203 | 421070.96 | 3764363.22 | 1.29171 |
| 421090.96 | 3764363.22 | 1.27107 | 421110.96 | 3764363.22 | 1.25062 |
| 421130.96 | 3764363.22 | 1.22834 | 421150.96 | 3764363.22 | 1.20615 |
| 421170.96 | 3764363.22 | 1.19462 | 421190.96 | 3764368.75 | 1.16153 |
| 421210.17 | 3764368.36 | 1.14827 | 421230.17 | 3764368.36 | 1.13369 |
| 421250.17 | 3764368.36 | 1.11696 | 421270.17 | 3764368.36 | 1.09956 |
| 421290.17 | 3764368.36 | 1.08241 | 421310.17 | 3764368.36 | 1.06386 |
| 420843.63 | 3764371.64 | 1.50488 | 420860.72 | 3764379.50 | 1.44766 |
| 420880.72 | 3764379.50 | 1.41317 | 420898.39 | 3764385.33 | 1.35639 |
| 420980.72 | 3764379.50 | 1.27528 | 420760.72 | 3764399.50 | 1.46635 |
| 420780.72 | 3764399.50 | 1.46126 | 420920.72 | 3764399.50 | 1.28578 |
| 420940.72 | 3764399.50 | 1.28094 | 420980.72 | 3764399.50 | 1.17921 |
| 420746.30 | 3764412.53 | 1.40686 | 420780.72 | 3764419.50 | 1.35900 |
| 420820.72 | 3764419.50 | 1.38433 | 420840.72 | 3764419.50 | 1.35215 |
| 420940.72 | 3764419.50 | 1.19292 | 420980.72 | 3764419.50 | 1.10168 |
| 421013.06 | 3764405.83 | 1.10077 | 421033.06 | 3764405.83 | 1.06805 |
| 421053.06 | 3764405.83 | 1.04991 | 421073.06 | 3764405.83 | 1.03285 |
| 421093.06 | 3764405.83 | 1.01446 | 421113.06 | 3764405.83 | 0.99560 |
| 421133.06 | 3764405.83 | 0.97463 | 421160.72 | 3764419.50 | 0.89799 |
| 421180.72 | 3764419.50 | 0.89718 | 421220.72 | 3764419.50 | 1.00507 |
| 421233.28 | 3764408.34 | 1.03491 | 421253.28 | 3764408.34 | 1.02340 |
| 421273.28 | 3764408.34 | 1.01772 | 421293.28 | 3764408.34 | 1.00598 |
| 420746.30 | 3764432.53 | 1.32481 | 420780.72 | 3764439.50 | 1.29498 |
| 420820.72 | 3764439.50 | 1.29872 | 420860.72 | 3764439.50 | 1.24503 |
| 420880.72 | 3764439.50 | 1.22306 | 420940.72 | 3764439.50 | 1.13026 |
| 420980.72 | 3764439.50 | 1.03232 | 420994.21 | 3764452.98 | 0.97321 |
| 421014.21 | 3764452.98 | 0.95019 | 421034.21 | 3764452.98 | 0.92806 |
| 421054.21 | 3764452.98 | 0.91041 | 421074.21 | 3764452.98 | 0.89704 |

| | | | | | |
|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 0.88551 | 421114.21 | 3764452.98 | 0.87020 |
| 421134.21 | 3764452.98 | 0.84955 | 421180.72 | 3764439.50 | 0.83962 |
| 421220.72 | 3764439.50 | 0.95898 | 420737.00 | 3764452.99 | 1.25976 |
| 420780.72 | 3764459.50 | 1.23816 | 420820.72 | 3764459.50 | 1.22805 |
| 420920.72 | 3764459.50 | 1.06291 | 421134.21 | 3764472.98 | 0.78037 |
| 421180.72 | 3764459.50 | 0.78583 | 421200.72 | 3764459.50 | 0.77785 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 0.93824 | 421252.35 | 3764459.04 | 0.93502 |
| 421293.28 | 3764448.34 | 0.94659 | 420737.00 | 3764472.99 | 1.19576 |
| 420820.72 | 3764479.50 | 1.14992 | 420871.79 | 3764475.04 | 1.01172 |
| 420920.72 | 3764479.50 | 0.97676 | 421180.72 | 3764479.50 | 0.73687 |
| 421200.72 | 3764479.50 | 0.71961 | 421260.72 | 3764479.50 | 0.88819 |
| 421280.72 | 3764479.50 | 0.90441 | 420737.00 | 3764492.99 | 1.13434 |
| 420767.69 | 3764492.53 | 1.12752 | 420820.72 | 3764499.50 | 1.08578 |
| 420871.79 | 3764495.04 | 0.92000 | 420920.72 | 3764499.50 | 0.90630 |
| 421114.21 | 3764512.98 | 0.61749 | 421134.21 | 3764512.98 | 0.63342 |
| 421200.72 | 3764499.50 | 0.67865 | 421280.72 | 3764499.50 | 0.87697 |
| 420730.48 | 3764507.70 | 1.10135 | 420767.69 | 3764512.53 | 1.06697 |
| 420820.72 | 3764519.50 | 1.01398 | 420871.79 | 3764515.04 | 0.84240 |
| 420920.72 | 3764519.50 | 0.80935 | 421000.26 | 3764522.29 | 0.55942 |
| 421020.26 | 3764522.29 | 0.55348 | 421040.26 | 3764522.29 | 0.56099 |
| 421060.26 | 3764522.29 | 0.57081 | 421080.26 | 3764522.29 | 0.58259 |
| 421200.72 | 3764519.50 | 0.64826 | 421280.72 | 3764519.50 | 0.85018 |
| 420730.48 | 3764527.70 | 1.05655 | 420767.69 | 3764532.53 | 1.00821 |
| 420820.72 | 3764539.50 | 0.94585 | 420860.72 | 3764539.50 | 0.78306 |
| 420920.72 | 3764539.50 | 0.72972 | 420980.72 | 3764539.50 | 0.52655 |
| 421160.72 | 3764539.50 | 0.61448 | 421180.72 | 3764539.50 | 0.62319 |
| 421280.72 | 3764539.50 | 0.82455 | 420860.72 | 3764559.50 | 0.72076 |
| 420909.07 | 3764562.58 | 0.69246 | 420980.72 | 3764559.50 | 0.50662 |
| 421040.72 | 3764559.50 | 0.51260 | 421080.72 | 3764559.50 | 0.54486 |
| 421100.72 | 3764559.50 | 0.55306 | 421120.72 | 3764559.50 | 0.56316 |
| 421140.72 | 3764559.50 | 0.57301 | 421160.72 | 3764559.50 | 0.58349 |
| 420960.72 | 3764579.50 | 0.50545 | 421020.72 | 3764579.50 | 0.49219 |
| 420680.84 | 3764330.64 | 1.68276 | 420720.84 | 3764330.64 | 1.73163 |
| 420660.84 | 3764350.64 | 1.59270 | 420692.00 | 3764425.97 | 1.34818 |
| 420720.84 | 3764350.64 | 1.67389 | 420660.84 | 3764370.64 | 1.50639 |
| 420700.84 | 3764370.64 | 1.53083 | 420700.84 | 3764390.64 | 1.45877 |
| 420700.84 | 3764410.64 | 1.40061 | 420680.84 | 3764450.64 | 1.24129 |
| 420680.84 | 3764470.64 | 1.18178 | 420680.84 | 3764490.64 | 1.12789 |
| 420101.08 | 3763674.83 | 2.11858 | 420083.47 | 3763665.61 | 2.02548 |
| 420070.89 | 3763688.25 | 1.95568 | 420083.05 | 3763697.47 | 2.01346 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 1.83705 | 420057.47 | 3763625.35 | 1.90006 |
| 420067.12 | 3763611.93 | 1.94446 | 420079.70 | 3763600.61 | 2.00437 |
| 420101.50 | 3763588.45 | 2.11573 | 420107.79 | 3763573.35 | 2.14410 |
| 420119.53 | 3763558.68 | 2.20283 | 420130.02 | 3763541.07 | 2.25186 |
| 420141.76 | 3763528.91 | 2.31266 | 420177.06 | 3763505.07 | 2.51794 |
| 420182.52 | 3763490.53 | 2.53497 | 420189.79 | 3763470.23 | 2.55369 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.63897 | 420211.91 | 3763443.87 | 2.66265 |
| 420221.30 | 3763427.51 | 2.69588 | 420233.11 | 3763414.79 | 2.75367 |
| 420187.06 | 3763375.10 | 2.31953 | 420174.04 | 3763398.73 | 2.31791 |
| 420159.80 | 3763419.94 | 2.24560 | 420144.65 | 3763435.69 | 2.16186 |
| 420157.37 | 3763449.33 | 2.25903 | 420203.21 | 3763366.33 | 2.43147 |
| 420212.30 | 3763349.37 | 2.44925 | 420110.79 | 3763789.57 | 1.87420 |
| 420095.76 | 3763777.27 | 1.81996 | 420082.79 | 3763760.88 | 1.82036 |
| 420069.13 | 3763754.06 | 1.74725 | 420054.11 | 3763743.13 | 1.67577 |
| 420101.91 | 3763822.34 | 1.81042 | 420083.47 | 3763829.85 | 1.69953 |
| 420062.30 | 3763818.25 | 1.63140 | 420054.11 | 3763806.64 | 1.61330 |
| 420037.04 | 3763795.71 | 1.56337 | 420087.94 | 3763866.45 | 1.69304 |
| 420066.97 | 3763858.48 | 1.61387 | 420049.36 | 3763847.57 | 1.56592 |
| 420032.58 | 3763850.93 | 1.51230 | 420490.31 | 3764285.91 | 1.69435 |
| 420510.31 | 3764285.91 | 1.74456 | 420530.31 | 3764285.91 | 1.77881 |
| 420550.31 | 3764285.91 | 1.81142 | 420570.31 | 3764285.91 | 1.83648 |
| 420590.31 | 3764285.91 | 1.85705 | 420610.31 | 3764285.91 | 1.87232 |
| 420390.31 | 3764305.91 | 1.44039 | 420410.31 | 3764305.91 | 1.47261 |
| 420430.31 | 3764305.91 | 1.50819 | 420450.31 | 3764305.91 | 1.53647 |
| 420470.31 | 3764305.91 | 1.56412 | 420490.31 | 3764305.91 | 1.59143 |
| 420510.31 | 3764305.91 | 1.62010 | 420530.31 | 3764305.91 | 1.67157 |
| 420550.31 | 3764305.91 | 1.70999 | 420570.31 | 3764305.91 | 1.73566 |
| 420590.31 | 3764305.91 | 1.75364 | 420610.31 | 3764305.91 | 1.76043 |
| 420390.31 | 3764325.91 | 1.37235 | 420410.31 | 3764325.91 | 1.40114 |
| 420430.31 | 3764325.91 | 1.43734 | 420450.31 | 3764325.91 | 1.46087 |
| 420470.31 | 3764325.91 | 1.48836 | 420490.31 | 3764325.91 | 1.51357 |
| 420510.31 | 3764325.91 | 1.53594 | 420530.31 | 3764325.91 | 1.55746 |
| 420550.31 | 3764325.91 | 1.61062 | 420570.31 | 3764325.91 | 1.64315 |
| 420590.31 | 3764325.91 | 1.65792 | 420410.31 | 3764345.91 | 1.34518 |
| 420430.31 | 3764345.91 | 1.36753 | 420450.31 | 3764345.91 | 1.38400 |
| 420470.31 | 3764345.91 | 1.40493 | 420490.31 | 3764345.91 | 1.43473 |
| 420510.31 | 3764345.91 | 1.46545 | 420530.31 | 3764345.91 | 1.48519 |
| 420550.31 | 3764345.91 | 1.51018 | 420570.31 | 3764345.91 | 1.55693 |
| 420430.31 | 3764365.91 | 1.30696 | 420450.31 | 3764365.91 | 1.32187 |
| 420470.31 | 3764365.91 | 1.33770 | 420490.31 | 3764365.91 | 1.36233 |

| | | | | | |
|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 1.39276 | 420530.31 | 3764365.91 | 1.41927 |
| 420550.31 | 3764365.91 | 1.43887 | 420570.31 | 3764365.91 | 1.45221 |
| 420450.31 | 3764385.91 | 1.27083 | 420470.31 | 3764385.91 | 1.28282 |
| 420490.31 | 3764385.91 | 1.29692 | 420510.31 | 3764385.91 | 1.31986 |
| 420530.31 | 3764385.91 | 1.35737 | 420550.31 | 3764385.91 | 1.37353 |
| 420470.31 | 3764405.91 | 1.23076 | 420490.31 | 3764405.91 | 1.24523 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 1.26336 | 420530.31 | 3764405.91 | 1.28917 |
| 420490.31 | 3764425.91 | 1.19146 | 420510.31 | 3764425.91 | 1.20233 |
| 420504.61 | 3764167.94 | 2.54252 | 420511.08 | 3764158.02 | 2.65986 |
| 420524.44 | 3764147.67 | 2.80860 | 420535.23 | 3764136.03 | 2.96396 |
| 420493.83 | 3764108.43 | 3.06251 | 420483.05 | 3764124.38 | 2.83523 |
| 420469.25 | 3764140.34 | 2.61170 | 420454.16 | 3764160.60 | 2.38652 |
| 420443.38 | 3764173.11 | 2.25908 | 420427.85 | 3764193.38 | 2.06773 |
| 420417.51 | 3764210.62 | 1.93949 | 420405.86 | 3764224.42 | 1.82521 |
| 420389.91 | 3764241.24 | 1.68792 | 420379.13 | 3764258.92 | 1.58810 |
| 420362.74 | 3764275.31 | 1.49760 | 420351.10 | 3764286.95 | 1.43407 |
| 420518.84 | 3764071.76 | 3.70703 | 420534.99 | 3764080.89 | 3.67346 |
| 420548.34 | 3764092.83 | 3.57341 | 420571.51 | 3764110.38 | 3.39053 |
| 420591.17 | 3764123.02 | 3.30029 | 420605.91 | 3764135.66 | 3.16966 |
| 420622.06 | 3764145.49 | 3.07742 | 420640.32 | 3764160.23 | 2.93476 |
| 420614.34 | 3764193.23 | 2.58779 | 420580.63 | 3764167.96 | 2.75108 |
| 420565.89 | 3764182.00 | 2.60297 | 420553.95 | 3764191.13 | 2.49982 |
| 420597.49 | 3764203.77 | 2.47210 | 420591.87 | 3764223.43 | 2.31799 |
| 420539.91 | 3764200.26 | 2.38271 | 420606.61 | 3764240.98 | 2.21367 |
| 420629.08 | 3764250.81 | 2.17073 | 420648.74 | 3764238.87 | 2.25922 |
| 420651.55 | 3764222.73 | 2.37750 | 420660.68 | 3764207.98 | 2.49589 |
| 420667.00 | 3764195.34 | 2.60584 | 420681.74 | 3764181.30 | 2.73864 |
| 420712.64 | 3764215.70 | 2.43001 | 420695.09 | 3764229.75 | 2.31707 |
| 420732.30 | 3764227.64 | 2.33642 | 420747.05 | 3764238.17 | 2.25904 |
| 420767.41 | 3764245.19 | 2.20278 | 420681.04 | 3764247.30 | 2.18175 |
| 420668.40 | 3764264.85 | 2.04398 | 420655.06 | 3764283.11 | 1.91110 |
| 420641.02 | 3764297.86 | 1.82220 | 420638.21 | 3764314.71 | 1.74152 |
| 420629.08 | 3764330.86 | 1.66317 | 420619.25 | 3764349.11 | 1.57995 |
| 420605.91 | 3764381.41 | 1.41578 | 420599.59 | 3764395.46 | 1.36687 |
| 420572.91 | 3764397.56 | 1.34209 | 420563.78 | 3764415.82 | 1.27804 |
| 420537.80 | 3764434.78 | 1.17873 | 420556.76 | 3764436.18 | 1.17726 |
| 420575.72 | 3764441.10 | 1.15864 | 420589.76 | 3764450.93 | 1.14087 |
| 420638.21 | 3764481.82 | 1.10159 | 420641.02 | 3764463.56 | 1.16024 |
| 420648.74 | 3764446.01 | 1.21794 | 420652.96 | 3764423.54 | 1.29656 |
| 420652.96 | 3764410.90 | 1.34057 | 420650.85 | 3764387.03 | 1.44629 |

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|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 1.77309 | 420331.87 | 3764188.02 | 1.75759 |
| 420353.64 | 3764208.38 | 1.72065 | 420339.59 | 3764226.64 | 1.61601 |
| 420327.66 | 3764237.87 | 1.54573 | 420317.83 | 3764252.62 | 1.47767 |
| 420300.27 | 3764231.55 | 1.50009 | 420285.53 | 3764216.81 | 1.51283 |
| 420271.48 | 3764206.28 | 1.50450 | 420260.25 | 3764195.04 | 1.50866 |
| 420283.42 | 3764171.17 | 1.67295 | 420268.56 | 3763810.41 | 3.38436 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 2.39651 | 420470.31 | 3764185.91 | 2.24503 |
| 420490.31 | 3764185.91 | 2.31917 | 420450.31 | 3764205.91 | 2.05883 |
| 420470.31 | 3764205.91 | 2.11342 | 420490.31 | 3764205.91 | 2.16578 |
| 420510.31 | 3764205.91 | 2.23084 | 420530.31 | 3764205.91 | 2.31288 |
| 420430.31 | 3764225.91 | 1.88900 | 420450.31 | 3764225.91 | 1.94160 |
| 420470.31 | 3764225.91 | 1.99250 | 420490.31 | 3764225.91 | 2.03757 |
| 420510.31 | 3764225.91 | 2.08480 | 420530.31 | 3764225.91 | 2.14226 |
| 420550.31 | 3764225.91 | 2.18398 | 420410.31 | 3764245.91 | 1.71581 |
| 420430.31 | 3764245.91 | 1.79216 | 420450.31 | 3764245.91 | 1.83426 |
| 420470.31 | 3764245.91 | 1.88000 | 420490.31 | 3764245.91 | 1.92191 |
| 420510.31 | 3764245.91 | 1.96142 | 420530.31 | 3764245.91 | 2.00333 |
| 420550.31 | 3764245.91 | 2.04247 | 420570.31 | 3764245.91 | 2.09574 |
| 420410.31 | 3764265.91 | 1.62853 | 420430.31 | 3764265.91 | 1.68328 |
| 420450.31 | 3764265.91 | 1.73428 | 420470.31 | 3764265.91 | 1.77636 |
| 420490.31 | 3764265.91 | 1.81035 | 420510.31 | 3764265.91 | 1.84793 |
| 420530.31 | 3764265.91 | 1.88738 | 420550.31 | 3764265.91 | 1.91951 |
| 420570.31 | 3764265.91 | 1.94902 | 420590.31 | 3764265.91 | 1.98710 |
| 420610.31 | 3764265.91 | 2.03667 | 420390.31 | 3764285.91 | 1.51180 |
| 420410.31 | 3764285.91 | 1.54826 | 420430.31 | 3764285.91 | 1.58377 |
| 420450.31 | 3764285.91 | 1.62081 | 420470.31 | 3764285.91 | 1.64801 |
| 420162.22 | 3763820.99 | 2.07523 | 420180.57 | 3763830.04 | 2.15199 |
| 420200.57 | 3763830.04 | 2.28085 | 420200.57 | 3763850.04 | 2.23482 |
| 420220.57 | 3763850.04 | 2.37065 | 420240.57 | 3763850.04 | 2.53715 |
| 420160.57 | 3763870.04 | 1.94211 | 420180.57 | 3763870.04 | 2.05515 |
| 420220.57 | 3763870.04 | 2.30785 | 420240.57 | 3763870.04 | 2.44994 |
| 420260.57 | 3763870.04 | 2.62578 | 420160.57 | 3763890.04 | 1.89077 |
| 420200.57 | 3763890.04 | 2.11655 | 420260.57 | 3763890.04 | 2.54073 |
| 420280.57 | 3763890.04 | 2.69864 | 420140.57 | 3763910.04 | 1.76140 |
| 420200.57 | 3763910.04 | 2.04036 | 420220.57 | 3763910.04 | 2.17681 |
| 420280.57 | 3763910.04 | 2.61211 | 420300.57 | 3763910.04 | 2.78136 |
| 420160.57 | 3763930.04 | 1.78550 | 420180.57 | 3763930.04 | 1.86817 |
| 420220.57 | 3763930.04 | 2.09304 | 420240.57 | 3763930.04 | 2.21693 |
| 420260.57 | 3763930.04 | 2.36939 | 420320.57 | 3763930.04 | 2.84148 |
| 420340.57 | 3763930.04 | 3.03940 | 420120.57 | 3763950.04 | 1.57821 |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 1.64944 | 420200.57 | 3763950.04 | 1.91220 |
| 420220.57 | 3763950.04 | 2.00993 | 420260.57 | 3763950.04 | 2.26184 |
| 420280.57 | 3763950.04 | 2.40913 | 420340.57 | 3763950.04 | 2.89921 |
| 420360.57 | 3763950.04 | 3.10315 | 420120.57 | 3763970.04 | 1.53210 |
| 420140.57 | 3763970.04 | 1.59816 | 420160.57 | 3763970.04 | 1.68470 |
| 420240.57 | 3763970.04 | 2.04307 | 420300.57 | 3763970.04 | 2.44515 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.75417 | 420360.57 | 3763970.04 | 2.93841 |
| 420100.57 | 3763990.04 | 1.43698 | 420120.57 | 3763990.04 | 1.49150 |
| 420160.57 | 3763990.04 | 1.62593 | 420180.57 | 3763990.04 | 1.71451 |
| 420240.57 | 3763990.04 | 1.97299 | 420260.57 | 3763990.04 | 2.06648 |
| 420280.57 | 3763990.04 | 2.18718 | 420340.57 | 3763990.04 | 2.61451 |
| 420120.57 | 3764010.04 | 1.45149 | 420140.57 | 3764010.04 | 1.50905 |
| 420160.57 | 3764010.04 | 1.58678 | 420200.57 | 3764010.04 | 1.73680 |
| 420220.57 | 3764010.04 | 1.81581 | 420280.57 | 3764010.04 | 2.10199 |
| 420320.57 | 3764010.04 | 2.34111 | 420400.57 | 3764010.04 | 2.90782 |
| 420420.57 | 3764010.04 | 3.07884 | 420440.57 | 3764010.04 | 3.25928 |
| 420180.57 | 3764030.04 | 1.60209 | 420200.57 | 3764030.04 | 1.66615 |
| 420240.57 | 3764030.04 | 1.83466 | 420300.57 | 3764030.04 | 2.12761 |
| 420320.57 | 3764030.04 | 2.22807 | 420400.57 | 3764030.04 | 2.72239 |
| 420440.57 | 3764030.04 | 3.03021 | 420460.57 | 3764030.04 | 3.20426 |
| 420180.57 | 3764050.04 | 1.53705 | 420200.57 | 3764050.04 | 1.59900 |
| 420240.57 | 3764050.04 | 1.75249 | 420280.57 | 3764050.04 | 1.93185 |
| 420380.57 | 3764050.04 | 2.42665 | 420480.57 | 3764050.04 | 3.10931 |
| 420200.57 | 3764070.04 | 1.54475 | 420220.57 | 3764070.04 | 1.61796 |
| 420260.57 | 3764070.04 | 1.76648 | 420280.57 | 3764070.04 | 1.83611 |
| 420360.57 | 3764070.04 | 2.19510 | 420420.57 | 3764070.04 | 2.51497 |
| 420440.57 | 3764070.04 | 2.62868 | 420260.57 | 3764090.04 | 1.68562 |
| 420340.57 | 3764090.04 | 1.98833 | 420400.57 | 3764090.04 | 2.26586 |
| 420420.57 | 3764090.04 | 2.35415 | 420440.57 | 3764090.04 | 2.45629 |
| 420460.57 | 3764090.04 | 2.57562 | 420260.57 | 3764110.04 | 1.60394 |
| 420340.57 | 3764110.04 | 1.88673 | 420400.57 | 3764110.04 | 2.12619 |
| 420420.57 | 3764110.04 | 2.21429 | 420440.57 | 3764110.04 | 2.30946 |
| 420320.57 | 3764130.04 | 1.71745 | 420380.57 | 3764130.04 | 1.93426 |
| 420400.57 | 3764130.04 | 2.00622 | 420420.57 | 3764130.04 | 2.09058 |
| 420360.57 | 3764150.04 | 1.76962 | 420400.57 | 3764150.04 | 1.89735 |
| 420340.57 | 3764170.04 | 1.62256 | 420380.57 | 3764170.04 | 1.73408 |
| 420400.57 | 3764170.04 | 1.79877 | 420380.57 | 3764190.04 | 1.64732 |
| 420714.65 | 3764272.44 | 1.75381 | 420734.65 | 3764284.40 | 1.69335 |
| 420754.65 | 3764284.40 | 1.69632 | 420280.59 | 3763433.11 | 3.13323 |
| 420260.59 | 3763453.11 | 2.99250 | 420260.59 | 3763473.11 | 3.03170 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 2.86992 | 420253.62 | 3763507.75 | 3.09314 |
| 420200.59 | 3763533.11 | 2.63364 | 420223.55 | 3763541.34 | 2.83707 |
| 420240.59 | 3763533.11 | 2.99173 | 420179.16 | 3763563.83 | 2.47130 |
| 420200.59 | 3763573.11 | 2.63555 | 420234.64 | 3763578.58 | 2.96349 |
| 420200.59 | 3763593.11 | 2.63782 | 420160.59 | 3763613.11 | 2.33390 |
| 420138.25 | 3763640.23 | 2.16856 | 420200.59 | 3763613.11 | 2.64212 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.46441 | 420172.25 | 3763655.96 | 2.38554 |
| 420160.59 | 3763673.11 | 2.29350 | 420160.59 | 3763693.11 | 2.28005 |
| 420092.84 | 3763719.31 | 1.85538 | 420140.59 | 3763713.11 | 2.12914 |
| 420120.59 | 3763733.11 | 1.99421 | 420804.93 | 3764263.30 | 1.77610 |
| 420820.93 | 3764270.66 | 1.73047 | 420839.88 | 3764276.55 | 1.68998 |
| 420860.72 | 3764279.50 | 1.65500 | 420880.72 | 3764279.50 | 1.63577 |
| 420892.72 | 3764288.76 | 1.57120 | 420900.72 | 3764299.50 | 1.53107 |
| 420920.72 | 3764299.50 | 1.51994 | 420980.72 | 3764299.50 | 1.47661 |
| 420740.72 | 3764319.50 | 1.54021 | 420780.72 | 3764319.50 | 1.53438 |
| 420800.72 | 3764319.50 | 1.52027 | 420820.72 | 3764319.50 | 1.51043 |
| 420840.72 | 3764319.50 | 1.49929 | 420940.72 | 3764319.50 | 1.42315 |
| 420980.72 | 3764319.50 | 1.39148 | 421003.29 | 3764310.49 | 1.40123 |
| 421023.29 | 3764310.49 | 1.36293 | 421043.29 | 3764310.49 | 1.34401 |
| 421063.29 | 3764310.49 | 1.32356 | 421083.29 | 3764310.49 | 1.30367 |
| 421103.29 | 3764310.49 | 1.28537 | 421123.29 | 3764310.49 | 1.26851 |
| 421143.29 | 3764310.49 | 1.25102 | 421163.29 | 3764310.49 | 1.23364 |
| 421183.29 | 3764310.49 | 1.21641 | 421203.29 | 3764310.49 | 1.20047 |
| 421223.29 | 3764310.49 | 1.18730 | 421243.29 | 3764310.49 | 1.17143 |
| 421263.29 | 3764310.49 | 1.15567 | 421283.29 | 3764310.49 | 1.14041 |
| 421303.29 | 3764310.49 | 1.12607 | 420760.72 | 3764339.50 | 1.46402 |
| 420860.72 | 3764339.50 | 1.41752 | 420880.72 | 3764339.50 | 1.40437 |
| 420920.72 | 3764339.50 | 1.37476 | 420980.72 | 3764339.50 | 1.31133 |
| 420700.42 | 3764305.37 | 1.57133 | 420780.72 | 3764359.50 | 1.37848 |
| 420800.72 | 3764359.50 | 1.36974 | 420823.92 | 3764366.20 | 1.33792 |
| 420920.72 | 3764359.50 | 1.29018 | 420980.72 | 3764359.50 | 1.22585 |
| 421010.96 | 3764363.22 | 1.20905 | 421030.96 | 3764363.22 | 1.19835 |
| 421050.96 | 3764363.22 | 1.18240 | 421070.96 | 3764363.22 | 1.16689 |
| 421090.96 | 3764363.22 | 1.15042 | 421110.96 | 3764363.22 | 1.13427 |
| 421130.96 | 3764363.22 | 1.11545 | 421150.96 | 3764363.22 | 1.09706 |
| 421170.96 | 3764363.22 | 1.09414 | 421190.96 | 3764368.75 | 1.06479 |
| 421210.17 | 3764368.36 | 1.05826 | 421230.17 | 3764368.36 | 1.05081 |
| 421250.17 | 3764368.36 | 1.03990 | 421270.17 | 3764368.36 | 1.02780 |
| 421290.17 | 3764368.36 | 1.01650 | 421310.17 | 3764368.36 | 1.00591 |
| 420843.63 | 3764371.64 | 1.30517 | 420860.72 | 3764379.50 | 1.26567 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 1.23923 | 420898.39 | 3764385.33 | 1.19538 |
| 420980.72 | 3764379.50 | 1.11924 | 420760.72 | 3764399.50 | 1.25404 |
| 420780.72 | 3764399.50 | 1.25058 | 420920.72 | 3764399.50 | 1.12834 |
| 420940.72 | 3764399.50 | 1.12807 | 420980.72 | 3764399.50 | 1.01833 |
| 420746.30 | 3764412.53 | 1.21309 | 420780.72 | 3764419.50 | 1.18135 |
| 420820.72 | 3764419.50 | 1.18899 | 420840.72 | 3764419.50 | 1.17618 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.03905 | 420980.72 | 3764419.50 | 0.93821 |
| 421013.06 | 3764405.83 | 0.93841 | 421033.06 | 3764405.83 | 0.91463 |
| 421053.06 | 3764405.83 | 0.90288 | 421073.06 | 3764405.83 | 0.89204 |
| 421093.06 | 3764405.83 | 0.88041 | 421113.06 | 3764405.83 | 0.86850 |
| 421133.06 | 3764405.83 | 0.85491 | 421160.72 | 3764419.50 | 0.79568 |
| 421180.72 | 3764419.50 | 0.79666 | 421220.72 | 3764419.50 | 0.90578 |
| 421233.28 | 3764408.34 | 0.94449 | 421253.28 | 3764408.34 | 0.93827 |
| 421273.28 | 3764408.34 | 0.93931 | 421293.28 | 3764408.34 | 0.93347 |
| 420746.30 | 3764432.53 | 1.14908 | 420780.72 | 3764439.50 | 1.12581 |
| 420820.72 | 3764439.50 | 1.13167 | 420860.72 | 3764439.50 | 1.09670 |
| 420880.72 | 3764439.50 | 1.07712 | 420940.72 | 3764439.50 | 0.97918 |
| 420980.72 | 3764439.50 | 0.87604 | 420994.21 | 3764452.98 | 0.83040 |
| 421014.21 | 3764452.98 | 0.81551 | 421034.21 | 3764452.98 | 0.80106 |
| 421054.21 | 3764452.98 | 0.78952 | 421074.21 | 3764452.98 | 0.78090 |
| 421094.21 | 3764452.98 | 0.77357 | 421114.21 | 3764452.98 | 0.76343 |
| 421134.21 | 3764452.98 | 0.74918 | 421180.72 | 3764439.50 | 0.74737 |
| 421220.72 | 3764439.50 | 0.85614 | 420737.00 | 3764452.99 | 1.09296 |
| 420780.72 | 3764459.50 | 1.07729 | 420820.72 | 3764459.50 | 1.07069 |
| 420920.72 | 3764459.50 | 0.90724 | 421134.21 | 3764472.98 | 0.69215 |
| 421180.72 | 3764459.50 | 0.70118 | 421200.72 | 3764459.50 | 0.69601 |
| 421233.28 | 3764448.34 | 0.83874 | 421252.35 | 3764459.04 | 0.84822 |
| 421293.28 | 3764448.34 | 0.87344 | 420737.00 | 3764472.99 | 1.04408 |
| 420820.72 | 3764479.50 | 1.01021 | 420871.79 | 3764475.04 | 0.84967 |
| 420920.72 | 3764479.50 | 0.82381 | 421180.72 | 3764479.50 | 0.65880 |
| 421200.72 | 3764479.50 | 0.64543 | 421260.72 | 3764479.50 | 0.79956 |
| 421280.72 | 3764479.50 | 0.82671 | 420737.00 | 3764492.99 | 0.99539 |
| 420767.69 | 3764492.53 | 0.98744 | 420820.72 | 3764499.50 | 0.94663 |
| 420871.79 | 3764495.04 | 0.77900 | 420920.72 | 3764499.50 | 0.76925 |
| 421114.21 | 3764512.98 | 0.55148 | 421134.21 | 3764512.98 | 0.56622 |
| 421200.72 | 3764499.50 | 0.60918 | 421280.72 | 3764499.50 | 0.79952 |
| 420730.48 | 3764507.70 | 0.96580 | 420767.69 | 3764512.53 | 0.92871 |
| 420820.72 | 3764519.50 | 0.87491 | 420871.79 | 3764515.04 | 0.72140 |
| 420920.72 | 3764519.50 | 0.69809 | 421000.26 | 3764522.29 | 0.49743 |
| 421020.26 | 3764522.29 | 0.49272 | 421040.26 | 3764522.29 | 0.49976 |

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|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 0.50890 | 421080.26 | 3764522.29 | 0.51982 |
| 421200.72 | 3764519.50 | 0.58215 | 421280.72 | 3764519.50 | 0.77306 |
| 420730.48 | 3764527.70 | 0.92483 | 420767.69 | 3764532.53 | 0.87191 |
| 420820.72 | 3764539.50 | 0.80625 | 420860.72 | 3764539.50 | 0.67462 |
| 420920.72 | 3764539.50 | 0.63663 | 420980.72 | 3764539.50 | 0.46866 |
| 421160.72 | 3764539.50 | 0.55054 | 421180.72 | 3764539.50 | 0.55895 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.74792 | 420860.72 | 3764559.50 | 0.62634 |
| 420909.07 | 3764562.58 | 0.60544 | 420980.72 | 3764559.50 | 0.45148 |
| 421040.72 | 3764559.50 | 0.45776 | 421080.72 | 3764559.50 | 0.48702 |
| 421100.72 | 3764559.50 | 0.49477 | 421120.72 | 3764559.50 | 0.50419 |
| 421140.72 | 3764559.50 | 0.51344 | 421160.72 | 3764559.50 | 0.52330 |
| 420960.72 | 3764579.50 | 0.45020 | 421020.72 | 3764579.50 | 0.43969 |
| 420680.84 | 3764330.64 | 1.45115 | 420720.84 | 3764330.64 | 1.47573 |
| 420660.84 | 3764350.64 | 1.37162 | 420692.00 | 3764425.97 | 1.16680 |
| 420720.84 | 3764350.64 | 1.41896 | 420660.84 | 3764370.64 | 1.29852 |
| 420700.84 | 3764370.64 | 1.32323 | 420700.84 | 3764390.64 | 1.26204 |
| 420700.84 | 3764410.64 | 1.21216 | 420680.84 | 3764450.64 | 1.08753 |
| 420680.84 | 3764470.64 | 1.03414 | 420680.84 | 3764490.64 | 0.98371 |
| 420101.08 | 3763674.83 | 1.94440 | 420083.47 | 3763665.61 | 1.86297 |
| 420070.89 | 3763688.25 | 1.78845 | 420083.05 | 3763697.47 | 1.83357 |
| 420043.64 | 3763644.22 | 1.68915 | 420057.47 | 3763625.35 | 1.75565 |
| 420067.12 | 3763611.93 | 1.80133 | 420079.70 | 3763600.61 | 1.86233 |
| 420101.50 | 3763588.45 | 1.97948 | 420107.79 | 3763573.35 | 2.01271 |
| 420119.53 | 3763558.68 | 2.07974 | 420130.02 | 3763541.07 | 2.13574 |
| 420141.76 | 3763528.91 | 2.20491 | 420177.06 | 3763505.07 | 2.43468 |
| 420182.52 | 3763490.53 | 2.46083 | 420189.79 | 3763470.23 | 2.49919 |
| 420205.24 | 3763456.30 | 2.55174 | 420211.91 | 3763443.87 | 2.58052 |
| 420221.30 | 3763427.51 | 2.61806 | 420233.11 | 3763414.79 | 2.68520 |
| 420187.06 | 3763375.10 | 2.36816 | 420174.04 | 3763398.73 | 2.28877 |
| 420159.80 | 3763419.94 | 2.17912 | 420144.65 | 3763435.69 | 2.08701 |
| 420157.37 | 3763449.33 | 2.19922 | 420203.21 | 3763366.33 | 2.45629 |
| 420212.30 | 3763349.37 | 2.48299 | 420110.79 | 3763789.57 | 1.69739 |
| 420095.76 | 3763777.27 | 1.65376 | 420082.79 | 3763760.88 | 1.66014 |
| 420069.13 | 3763754.06 | 1.59657 | 420054.11 | 3763743.13 | 1.53612 |
| 420101.91 | 3763822.34 | 1.63190 | 420083.47 | 3763829.85 | 1.53205 |
| 420062.30 | 3763818.25 | 1.47568 | 420054.11 | 3763806.64 | 1.46286 |
| 420037.04 | 3763795.71 | 1.42166 | 420087.94 | 3763866.45 | 1.51792 |
| 420066.97 | 3763858.48 | 1.45079 | 420049.36 | 3763847.57 | 1.41160 |
| 420032.58 | 3763850.93 | 1.36398 | 420490.31 | 3764285.91 | 1.46146 |
| 420510.31 | 3764285.91 | 1.49148 | 420530.31 | 3764285.91 | 1.52165 |

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|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 1.55038 | 420570.31 | 3764285.91 | 1.57413 |
| 420590.31 | 3764285.91 | 1.59251 | 420610.31 | 3764285.91 | 1.60624 |
| 420390.31 | 3764305.91 | 1.25064 | 420410.31 | 3764305.91 | 1.27935 |
| 420430.31 | 3764305.91 | 1.31298 | 420450.31 | 3764305.91 | 1.33751 |
| 420470.31 | 3764305.91 | 1.36178 | 420490.31 | 3764305.91 | 1.38624 |
| 420510.31 | 3764305.91 | 1.41070 | 420530.31 | 3764305.91 | 1.43520 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.46445 | 420570.31 | 3764305.91 | 1.48832 |
| 420590.31 | 3764305.91 | 1.50359 | 420610.31 | 3764305.91 | 1.51058 |
| 420390.31 | 3764325.91 | 1.18948 | 420410.31 | 3764325.91 | 1.21467 |
| 420430.31 | 3764325.91 | 1.24975 | 420450.31 | 3764325.91 | 1.26930 |
| 420470.31 | 3764325.91 | 1.29456 | 420490.31 | 3764325.91 | 1.31748 |
| 420510.31 | 3764325.91 | 1.33735 | 420530.31 | 3764325.91 | 1.35689 |
| 420550.31 | 3764325.91 | 1.38564 | 420570.31 | 3764325.91 | 1.40963 |
| 420590.31 | 3764325.91 | 1.42340 | 420410.31 | 3764345.91 | 1.16750 |
| 420430.31 | 3764345.91 | 1.18624 | 420450.31 | 3764345.91 | 1.19850 |
| 420470.31 | 3764345.91 | 1.21624 | 420490.31 | 3764345.91 | 1.24491 |
| 420510.31 | 3764345.91 | 1.27666 | 420530.31 | 3764345.91 | 1.29476 |
| 420550.31 | 3764345.91 | 1.31615 | 420570.31 | 3764345.91 | 1.33667 |
| 420430.31 | 3764365.91 | 1.13314 | 420450.31 | 3764365.91 | 1.14453 |
| 420470.31 | 3764365.91 | 1.15727 | 420490.31 | 3764365.91 | 1.17975 |
| 420510.31 | 3764365.91 | 1.21053 | 420530.31 | 3764365.91 | 1.23841 |
| 420550.31 | 3764365.91 | 1.25568 | 420570.31 | 3764365.91 | 1.26755 |
| 420450.31 | 3764385.91 | 1.10167 | 420470.31 | 3764385.91 | 1.11065 |
| 420490.31 | 3764385.91 | 1.12217 | 420510.31 | 3764385.91 | 1.14349 |
| 420530.31 | 3764385.91 | 1.18503 | 420550.31 | 3764385.91 | 1.20044 |
| 420470.31 | 3764405.91 | 1.06620 | 420490.31 | 3764405.91 | 1.07845 |
| 420510.31 | 3764405.91 | 1.09487 | 420530.31 | 3764405.91 | 1.12118 |
| 420490.31 | 3764425.91 | 1.03168 | 420510.31 | 3764425.91 | 1.04056 |
| 420504.61 | 3764167.94 | 2.13385 | 420511.08 | 3764158.02 | 2.22648 |
| 420524.44 | 3764147.67 | 2.34934 | 420535.23 | 3764136.03 | 2.47537 |
| 420493.83 | 3764108.43 | 2.56048 | 420483.05 | 3764124.38 | 2.37710 |
| 420469.25 | 3764140.34 | 2.20389 | 420454.16 | 3764160.60 | 2.02236 |
| 420443.38 | 3764173.11 | 1.92033 | 420427.85 | 3764193.38 | 1.76112 |
| 420417.51 | 3764210.62 | 1.65408 | 420405.86 | 3764224.42 | 1.56257 |
| 420389.91 | 3764241.24 | 1.46746 | 420379.13 | 3764258.92 | 1.38207 |
| 420362.74 | 3764275.31 | 1.30225 | 420351.10 | 3764286.95 | 1.24480 |
| 420518.84 | 3764071.76 | 3.07974 | 420534.99 | 3764080.89 | 3.05229 |
| 420548.34 | 3764092.83 | 2.97278 | 420571.51 | 3764110.38 | 2.82415 |
| 420591.17 | 3764123.02 | 2.76845 | 420605.91 | 3764135.66 | 2.65550 |
| 420622.06 | 3764145.49 | 2.58511 | 420640.32 | 3764160.23 | 2.48910 |

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|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 2.19229 | 420580.63 | 3764167.96 | 2.30477 |
| 420565.89 | 3764182.00 | 2.18217 | 420553.95 | 3764191.13 | 2.09653 |
| 420597.49 | 3764203.77 | 2.07630 | 420591.87 | 3764223.43 | 1.94874 |
| 420539.91 | 3764200.26 | 2.00224 | 420606.61 | 3764240.98 | 1.86305 |
| 420629.08 | 3764250.81 | 1.83490 | 420648.74 | 3764238.87 | 1.90601 |
| 420651.55 | 3764222.73 | 2.01497 | 420660.68 | 3764207.98 | 2.11119 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_ROUTE ***
INCLUDING SOURCE(S): L0000618 , L0000619 , L0000620 , L0000621 , L0000622 ,
L0000623 , L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 ,
L0000631 , L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 ,
L0000639 , L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.20925 | 420681.74 | 3764181.30 | 2.34224 |
| 420712.64 | 3764215.70 | 2.05090 | 420695.09 | 3764229.75 | 1.95658 |
| 420732.30 | 3764227.64 | 1.97602 | 420747.05 | 3764238.17 | 1.92186 |
| 420767.41 | 3764245.19 | 1.89170 | 420681.04 | 3764247.30 | 1.84701 |
| 420668.40 | 3764264.85 | 1.74322 | 420655.06 | 3764283.11 | 1.64296 |
| 420641.02 | 3764297.86 | 1.56594 | 420638.21 | 3764314.71 | 1.49735 |
| 420629.08 | 3764330.86 | 1.42990 | 420619.25 | 3764349.11 | 1.35849 |
| 420605.91 | 3764381.41 | 1.23696 | 420599.59 | 3764395.46 | 1.19367 |
| 420572.91 | 3764397.56 | 1.16912 | 420563.78 | 3764415.82 | 1.11064 |
| 420537.80 | 3764434.78 | 1.01511 | 420556.76 | 3764436.18 | 1.01164 |
| 420575.72 | 3764441.10 | 0.99240 | 420589.76 | 3764450.93 | 0.97746 |
| 420638.21 | 3764481.82 | 0.94873 | 420641.02 | 3764463.56 | 1.00442 |
| 420648.74 | 3764446.01 | 1.05714 | 420652.96 | 3764423.54 | 1.13149 |
| 420652.96 | 3764410.90 | 1.17334 | 420650.85 | 3764387.03 | 1.24749 |
| 420295.36 | 3764152.91 | 1.54487 | 420331.87 | 3764188.02 | 1.52858 |
| 420353.64 | 3764208.38 | 1.49598 | 420339.59 | 3764226.64 | 1.40486 |
| 420327.66 | 3764237.87 | 1.34221 | 420317.83 | 3764252.62 | 1.28326 |
| 420300.27 | 3764231.55 | 1.30156 | 420285.53 | 3764216.81 | 1.31339 |
| 420271.48 | 3764206.28 | 1.30546 | 420260.25 | 3764195.04 | 1.30947 |
| 420283.42 | 3764171.17 | 1.45898 | 420972.38 | 3763271.71 | 40.53502 |
| 420913.80 | 3763329.33 | 58.69177 | 420955.88 | 3763316.14 | 33.48571 |
| 421011.82 | 3763312.84 | 18.20081 | 420869.05 | 3763382.67 | 65.68942 |
| 420913.80 | 3763379.33 | 32.71167 | 420955.88 | 3763366.14 | 22.98012 |
| 421011.82 | 3763362.84 | 14.74873 | 420906.65 | 3763419.80 | 26.06780 |
| 420955.88 | 3763416.14 | 17.72869 | 421011.82 | 3763412.84 | 12.46958 |
| 421009.84 | 3763454.26 | 11.24182 | 420679.66 | 3764117.07 | 3.50552 |
| 420692.12 | 3764098.22 | 3.80204 | 420703.14 | 3764099.09 | 3.77613 |
| 420702.56 | 3764144.04 | 3.13618 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 64.26396 | 420180.57 | 3763830.04 | 66.97058 |
| 420200.57 | 3763830.04 | 71.17253 | 420200.57 | 3763850.04 | 70.56919 |
| 420220.57 | 3763850.04 | 75.05703 | 420240.57 | 3763850.04 | 80.72281 |
| 420160.57 | 3763870.04 | 61.29187 | 420180.57 | 3763870.04 | 65.21388 |
| 420220.57 | 3763870.04 | 73.85436 | 420240.57 | 3763870.04 | 78.61952 |
| 420260.57 | 3763870.04 | 84.71415 | 420160.57 | 3763890.04 | 60.09518 |
| 420200.57 | 3763890.04 | 68.08251 | 420260.57 | 3763890.04 | 82.93984 |
| 420280.57 | 3763890.04 | 88.19519 | 420140.57 | 3763910.04 | 56.23493 |
| 420200.57 | 3763910.04 | 65.96292 | 420220.57 | 3763910.04 | 71.05551 |
| 420280.57 | 3763910.04 | 86.60695 | 420300.57 | 3763910.04 | 92.47915 |
| 420160.57 | 3763930.04 | 57.46715 | 420180.57 | 3763930.04 | 60.37601 |
| 420220.57 | 3763930.04 | 68.66627 | 420240.57 | 3763930.04 | 73.22303 |
| 420260.57 | 3763930.04 | 79.07847 | 420320.57 | 3763930.04 | 96.09352 |
| 420340.57 | 3763930.04 | 103.27452 | 420120.57 | 3763950.04 | 50.44916 |
| 420140.57 | 3763950.04 | 53.01330 | 420200.57 | 3763950.04 | 62.67600 |
| 420220.57 | 3763950.04 | 66.25522 | 420260.57 | 3763950.04 | 75.84536 |
| 420280.57 | 3763950.04 | 81.56172 | 420340.57 | 3763950.04 | 100.12292 |
| 420360.57 | 3763950.04 | 107.97693 | 420120.57 | 3763970.04 | 49.15633 |
| 420140.57 | 3763970.04 | 51.55199 | 420160.57 | 3763970.04 | 54.85868 |
| 420240.57 | 3763970.04 | 68.27159 | 420300.57 | 3763970.04 | 84.18869 |
| 420340.57 | 3763970.04 | 96.37108 | 420360.57 | 3763970.04 | 103.84428 |
| 420100.57 | 3763990.04 | 46.11440 | 420120.57 | 3763990.04 | 48.06906 |
| 420160.57 | 3763990.04 | 53.07755 | 420180.57 | 3763990.04 | 56.56086 |
| 420240.57 | 3763990.04 | 66.44092 | 420260.57 | 3763990.04 | 69.98333 |
| 420280.57 | 3763990.04 | 74.84809 | 420340.57 | 3763990.04 | 92.52331 |
| 420120.57 | 3764010.04 | 46.97290 | 420140.57 | 3764010.04 | 49.09882 |
| 420160.57 | 3764010.04 | 52.18098 | 420200.57 | 3764010.04 | 58.01272 |
| 420220.57 | 3764010.04 | 61.07687 | 420280.57 | 3764010.04 | 72.54727 |
| 420320.57 | 3764010.04 | 82.55022 | 420400.57 | 3764010.04 | 107.09848 |
| 420420.57 | 3764010.04 | 114.98581 | 420440.57 | 3764010.04 | 123.56914 |
| 420180.57 | 3764030.04 | 53.24457 | 420200.57 | 3764030.04 | 55.68410 |
| 420240.57 | 3764030.04 | 62.57517 | 420300.57 | 3764030.04 | 74.89399 |
| 420320.57 | 3764030.04 | 79.09165 | 420400.57 | 3764030.04 | 101.12430 |
| 420440.57 | 3764030.04 | 116.24260 | 420460.57 | 3764030.04 | 125.46680 |

| | | | | | |
|---|---|---|---|---|---|
| 420180.57 | 3764050.04 | 51.01512 | 420200.57 | 3764050.04 | 53.42553 |
| 420240.57 | 3764050.04 | 59.76743 | 420280.57 | 3764050.04 | 67.47185 |
| 420380.57 | 3764050.04 | 89.29340 | 420480.57 | 3764050.04 | 125.13054 |
| 420200.57 | 3764070.04 | 51.76756 | 420220.57 | 3764070.04 | 54.87739 |
| 420260.57 | 3764070.04 | 61.18727 | 420280.57 | 3764070.04 | 64.05381 |
| 420360.57 | 3764070.04 | 80.22804 | 420420.57 | 3764070.04 | 96.01046 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 102.00795 | 420260.57 | 3764090.04 | 58.30541 |
| 420340.57 | 3764090.04 | 71.80584 | 420400.57 | 3764090.04 | 85.46295 |
| 420420.57 | 3764090.04 | 89.91583 | 420440.57 | 3764090.04 | 95.46927 |
| 420460.57 | 3764090.04 | 102.50314 | 420260.57 | 3764110.04 | 55.22677 |
| 420340.57 | 3764110.04 | 68.11221 | 420400.57 | 3764110.04 | 79.94859 |
| 420420.57 | 3764110.04 | 84.64754 | 420440.57 | 3764110.04 | 90.01253 |
| 420320.57 | 3764130.04 | 60.94917 | 420380.57 | 3764130.04 | 71.63249 |
| 420400.57 | 3764130.04 | 75.32169 | 420420.57 | 3764130.04 | 79.99100 |
| 420360.57 | 3764150.04 | 64.54235 | 420400.57 | 3764150.04 | 71.07715 |
| 420340.57 | 3764170.04 | 58.17222 | 420380.57 | 3764170.04 | 63.70923 |
| 420400.57 | 3764170.04 | 67.21757 | 420380.57 | 3764190.04 | 60.27263 |
| 420714.65 | 3764272.44 | 75.28271 | 420734.65 | 3764284.40 | 72.03659 |
| 420754.65 | 3764284.40 | 72.66157 | 420280.59 | 3763433.11 | 67.53037 |
| 420260.59 | 3763453.11 | 66.71207 | 420260.59 | 3763473.11 | 69.02463 |
| 420233.62 | 3763487.75 | 66.02936 | 420253.62 | 3763507.75 | 71.70248 |
| 420200.59 | 3763533.11 | 64.46289 | 420223.55 | 3763541.34 | 69.29768 |
| 420240.59 | 3763533.11 | 71.84257 | 420179.16 | 3763563.83 | 63.10278 |
| 420200.59 | 3763573.11 | 67.79007 | 420234.64 | 3763578.58 | 74.94087 |
| 420200.59 | 3763593.11 | 69.10530 | 420160.59 | 3763613.11 | 62.66375 |
| 420138.25 | 3763640.23 | 59.77375 | 420200.59 | 3763613.11 | 70.31817 |
| 420180.59 | 3763633.11 | 67.21921 | 420172.25 | 3763655.96 | 66.40963 |
| 420160.59 | 3763673.11 | 64.69704 | 420160.59 | 3763693.11 | 65.24552 |
| 420092.84 | 3763719.31 | 53.86402 | 420140.59 | 3763713.11 | 61.77390 |
| 420120.59 | 3763733.11 | 58.54211 | 420804.93 | 3764263.30 | 77.16508 |
| 420820.93 | 3764270.66 | 74.54587 | 420839.88 | 3764276.55 | 72.17906 |
| 420860.72 | 3764279.50 | 69.80513 | 420880.72 | 3764279.50 | 68.48401 |
| 420892.72 | 3764288.76 | 64.28299 | 420900.72 | 3764299.50 | 62.44173 |
| 420920.72 | 3764299.50 | 61.96118 | 420980.72 | 3764299.50 | 59.79714 |
| 420740.72 | 3764319.50 | 63.71436 | 420780.72 | 3764319.50 | 63.61428 |
| 420800.72 | 3764319.50 | 62.50575 | 420820.72 | 3764319.50 | 61.88894 |
| 420840.72 | 3764319.50 | 61.19219 | 420940.72 | 3764319.50 | 56.51542 |
| 420980.72 | 3764319.50 | 54.83563 | 421003.29 | 3764310.49 | 55.31853 |
| 421023.29 | 3764310.49 | 52.98194 | 421043.29 | 3764310.49 | 52.09421 |
| 421063.29 | 3764310.49 | 51.13084 | 421083.29 | 3764310.49 | 50.24904 |

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|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 49.48626 | 421123.29 | 3764310.49 | 48.81238 |
| 421143.29 | 3764310.49 | 48.11015 | 421163.29 | 3764310.49 | 47.41678 |
| 421183.29 | 3764310.49 | 46.73097 | 421203.29 | 3764310.49 | 46.08550 |
| 421223.29 | 3764310.49 | 45.49956 | 421243.29 | 3764310.49 | 44.81474 |
| 421263.29 | 3764310.49 | 44.11964 | 421283.29 | 3764310.49 | 43.41619 |
| 421303.29 | 3764310.49 | 42.69162 | 420760.72 | 3764339.50 | 59.86602 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 56.85732 | 420880.72 | 3764339.50 | 56.02548 |
| 420920.72 | 3764339.50 | 54.20553 | 420980.72 | 3764339.50 | 50.33695 |
| 420700.42 | 3764305.37 | 63.95092 | 420780.72 | 3764359.50 | 54.88344 |
| 420800.72 | 3764359.50 | 54.28859 | 420823.92 | 3764366.20 | 52.53616 |
| 420920.72 | 3764359.50 | 49.25967 | 420980.72 | 3764359.50 | 45.59961 |
| 421010.96 | 3764363.22 | 45.03076 | 421030.96 | 3764363.22 | 44.63543 |
| 421050.96 | 3764363.22 | 43.92735 | 421070.96 | 3764363.22 | 43.28306 |
| 421090.96 | 3764363.22 | 42.62346 | 421110.96 | 3764363.22 | 42.01411 |
| 421130.96 | 3764363.22 | 41.33914 | 421150.96 | 3764363.22 | 40.72285 |
| 421170.96 | 3764363.22 | 40.60322 | 421190.96 | 3764368.75 | 39.43623 |
| 421210.17 | 3764368.36 | 39.19790 | 421230.17 | 3764368.36 | 38.90506 |
| 421250.17 | 3764368.36 | 38.49112 | 421270.17 | 3764368.36 | 38.02933 |
| 421290.17 | 3764368.36 | 37.57431 | 421310.17 | 3764368.36 | 37.11354 |
| 420843.63 | 3764371.64 | 50.56167 | 420860.72 | 3764379.50 | 48.26512 |
| 420880.72 | 3764379.50 | 46.38919 | 420898.39 | 3764385.33 | 43.99921 |
| 420980.72 | 3764379.50 | 40.93826 | 420760.72 | 3764399.50 | 48.41943 |
| 420780.72 | 3764399.50 | 48.23171 | 420920.72 | 3764399.50 | 40.95687 |
| 420940.72 | 3764399.50 | 40.94796 | 420980.72 | 3764399.50 | 36.98846 |
| 420746.30 | 3764412.53 | 46.19421 | 420780.72 | 3764419.50 | 44.34505 |
| 420820.72 | 3764419.50 | 45.22139 | 420840.72 | 3764419.50 | 44.32804 |
| 420940.72 | 3764419.50 | 37.24529 | 420980.72 | 3764419.50 | 33.77320 |
| 421013.06 | 3764405.83 | 34.08302 | 421033.06 | 3764405.83 | 33.28267 |
| 421053.06 | 3764405.83 | 32.92076 | 421073.06 | 3764405.83 | 32.60445 |
| 421093.06 | 3764405.83 | 32.27558 | 421113.06 | 3764405.83 | 31.95153 |
| 421133.06 | 3764405.83 | 31.58367 | 421160.72 | 3764419.50 | 29.36977 |
| 421180.72 | 3764419.50 | 29.50941 | 421220.72 | 3764419.50 | 33.00026 |
| 421233.28 | 3764408.34 | 34.41623 | 421253.28 | 3764408.34 | 34.20998 |
| 421273.28 | 3764408.34 | 34.15118 | 421293.28 | 3764408.34 | 33.90462 |
| 420746.30 | 3764432.53 | 42.71043 | 420780.72 | 3764439.50 | 41.51523 |
| 420820.72 | 3764439.50 | 42.20973 | 420860.72 | 3764439.50 | 39.74768 |
| 420880.72 | 3764439.50 | 38.63545 | 420940.72 | 3764439.50 | 34.80068 |
| 420980.72 | 3764439.50 | 31.23258 | 420994.21 | 3764452.98 | 29.43119 |
| 421014.21 | 3764452.98 | 28.93805 | 421034.21 | 3764452.98 | 28.47193 |
| 421054.21 | 3764452.98 | 28.11324 | 421074.21 | 3764452.98 | 27.86212 |

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|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 27.66316 | 421114.21 | 3764452.98 | 27.37894 |
| 421134.21 | 3764452.98 | 26.96372 | 421180.72 | 3764439.50 | 27.36822 |
| 421220.72 | 3764439.50 | 30.95491 | 420737.00 | 3764452.99 | 39.82486 |
| 420780.72 | 3764459.50 | 39.17973 | 420820.72 | 3764459.50 | 38.84584 |
| 420920.72 | 3764459.50 | 32.02283 | 421134.21 | 3764472.98 | 24.67626 |
| 421180.72 | 3764459.50 | 25.38777 | 421200.72 | 3764459.50 | 25.30237 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 30.20545 | 421252.35 | 3764459.04 | 30.09911 |
| 421293.28 | 3764448.34 | 30.99846 | 420737.00 | 3764472.99 | 37.45362 |
| 420820.72 | 3764479.50 | 35.71218 | 420871.79 | 3764475.04 | 29.81519 |
| 420920.72 | 3764479.50 | 28.82739 | 421180.72 | 3764479.50 | 23.59252 |
| 421200.72 | 3764479.50 | 23.21470 | 421260.72 | 3764479.50 | 28.23286 |
| 421280.72 | 3764479.50 | 28.90586 | 420737.00 | 3764492.99 | 35.11905 |
| 420767.69 | 3764492.53 | 34.69303 | 420820.72 | 3764499.50 | 32.89943 |
| 420871.79 | 3764495.04 | 27.08278 | 420920.72 | 3764499.50 | 26.68713 |
| 421114.21 | 3764512.98 | 19.04749 | 421134.21 | 3764512.98 | 19.68683 |
| 421200.72 | 3764499.50 | 21.67268 | 421280.72 | 3764499.50 | 27.66983 |
| 420730.48 | 3764507.70 | 33.80719 | 420767.69 | 3764512.53 | 32.12469 |
| 420820.72 | 3764519.50 | 30.10913 | 420871.79 | 3764515.04 | 24.87932 |
| 420920.72 | 3764519.50 | 24.03904 | 421000.26 | 3764522.29 | 16.58183 |
| 421020.26 | 3764522.29 | 16.44969 | 421040.26 | 3764522.29 | 16.77505 |
| 421060.26 | 3764522.29 | 17.18194 | 421080.26 | 3764522.29 | 17.66078 |
| 421200.72 | 3764519.50 | 20.47334 | 421280.72 | 3764519.50 | 26.49498 |
| 420730.48 | 3764527.70 | 32.00047 | 420767.69 | 3764532.53 | 29.83892 |
| 420820.72 | 3764539.50 | 27.56858 | 420860.72 | 3764539.50 | 23.03792 |
| 420920.72 | 3764539.50 | 21.73376 | 420980.72 | 3764539.50 | 15.37707 |
| 421160.72 | 3764539.50 | 19.00772 | 421180.72 | 3764539.50 | 19.38449 |
| 421280.72 | 3764539.50 | 25.39408 | 420860.72 | 3764559.50 | 21.20911 |
| 420909.07 | 3764562.58 | 20.47896 | 420980.72 | 3764559.50 | 14.67906 |
| 421040.72 | 3764559.50 | 15.05402 | 421080.72 | 3764559.50 | 16.26409 |
| 421100.72 | 3764559.50 | 16.61005 | 421120.72 | 3764559.50 | 17.02581 |
| 421140.72 | 3764559.50 | 17.43324 | 421160.72 | 3764559.50 | 17.86220 |
| 420960.72 | 3764579.50 | 14.56448 | 421020.72 | 3764579.50 | 14.27879 |
| 420680.84 | 3764330.64 | 57.05335 | 420720.84 | 3764330.64 | 59.27780 |
| 420660.84 | 3764350.64 | 52.85437 | 420692.00 | 3764425.97 | 43.55279 |
| 420720.84 | 3764350.64 | 56.99255 | 420660.84 | 3764370.64 | 49.03887 |
| 420700.84 | 3764370.64 | 51.04807 | 420700.84 | 3764390.64 | 48.05069 |
| 420700.84 | 3764410.64 | 45.87585 | 420680.84 | 3764450.64 | 39.26460 |
| 420680.84 | 3764470.64 | 36.70320 | 420680.84 | 3764490.64 | 34.43515 |
| 420101.08 | 3763674.83 | 54.92529 | 420083.47 | 3763665.61 | 52.30155 |
| 420070.89 | 3763688.25 | 50.91526 | 420083.05 | 3763697.47 | 52.53149 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 46.82962 | 420057.47 | 3763625.35 | 48.09089 |
| 420067.12 | 3763611.93 | 48.92656 | 420079.70 | 3763600.61 | 50.17602 |
| 420101.50 | 3763588.45 | 52.64140 | 420107.79 | 3763573.35 | 52.92677 |
| 420119.53 | 3763558.68 | 53.87946 | 420130.02 | 3763541.07 | 54.53862 |
| 420141.76 | 3763528.91 | 55.47373 | 420177.06 | 3763505.07 | 58.67004 |
| 420182.52 | 3763490.53 | 58.43410 | 420189.79 | 3763470.23 | 57.87391 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 58.83822 | 420211.91 | 3763443.87 | 58.69134 |
| 420221.30 | 3763427.51 | 58.44703 | 420233.11 | 3763414.79 | 58.77024 |
| 420187.06 | 3763375.10 | 57.18333 | 420174.04 | 3763398.73 | 57.82355 |
| 420159.80 | 3763419.94 | 56.71088 | 420144.65 | 3763435.69 | 54.94241 |
| 420157.37 | 3763449.33 | 57.35877 | 420203.21 | 3763366.33 | 53.47628 |
| 420212.30 | 3763349.37 | 50.93402 | 420110.79 | 3763789.57 | 51.39926 |
| 420095.76 | 3763777.27 | 49.73925 | 420082.79 | 3763760.88 | 49.26412 |
| 420069.13 | 3763754.06 | 47.29925 | 420054.11 | 3763743.13 | 45.38206 |
| 420101.91 | 3763822.34 | 49.70748 | 420083.47 | 3763829.85 | 46.72358 |
| 420062.30 | 3763818.25 | 44.66868 | 420054.11 | 3763806.64 | 44.07202 |
| 420037.04 | 3763795.71 | 42.55992 | 420087.94 | 3763866.45 | 46.64824 |
| 420066.97 | 3763858.48 | 44.33054 | 420049.36 | 3763847.57 | 42.85010 |
| 420032.58 | 3763850.93 | 41.26568 | 420490.31 | 3764285.91 | 54.59073 |
| 420510.31 | 3764285.91 | 56.41313 | 420530.31 | 3764285.91 | 58.35367 |
| 420550.31 | 3764285.91 | 60.29476 | 420570.31 | 3764285.91 | 61.91874 |
| 420590.31 | 3764285.91 | 63.18134 | 420610.31 | 3764285.91 | 64.13495 |
| 420390.31 | 3764305.91 | 44.15273 | 420410.31 | 3764305.91 | 45.55764 |
| 420430.31 | 3764305.91 | 47.28445 | 420450.31 | 3764305.91 | 48.54852 |
| 420470.31 | 3764305.91 | 49.83372 | 420490.31 | 3764305.91 | 51.17649 |
| 420510.31 | 3764305.91 | 52.57661 | 420530.31 | 3764305.91 | 54.05678 |
| 420550.31 | 3764305.91 | 56.00614 | 420570.31 | 3764305.91 | 57.64271 |
| 420590.31 | 3764305.91 | 58.64188 | 420610.31 | 3764305.91 | 59.01586 |
| 420390.31 | 3764325.91 | 41.65596 | 420410.31 | 3764325.91 | 42.86191 |
| 420430.31 | 3764325.91 | 44.58969 | 420450.31 | 3764325.91 | 45.57008 |
| 420470.31 | 3764325.91 | 46.88563 | 420490.31 | 3764325.91 | 48.11438 |
| 420510.31 | 3764325.91 | 49.19845 | 420530.31 | 3764325.91 | 50.30095 |
| 420550.31 | 3764325.91 | 52.13225 | 420570.31 | 3764325.91 | 53.75175 |
| 420590.31 | 3764325.91 | 54.62610 | 420410.31 | 3764345.91 | 40.98521 |
| 420430.31 | 3764345.91 | 41.89847 | 420450.31 | 3764345.91 | 42.52305 |
| 420470.31 | 3764345.91 | 43.41602 | 420490.31 | 3764345.91 | 44.85303 |
| 420510.31 | 3764345.91 | 46.56395 | 420530.31 | 3764345.91 | 47.57054 |
| 420550.31 | 3764345.91 | 48.85492 | 420570.31 | 3764345.91 | 50.17640 |
| 420430.31 | 3764365.91 | 39.71625 | 420450.31 | 3764365.91 | 40.29148 |
| 420470.31 | 3764365.91 | 40.93842 | 420490.31 | 3764365.91 | 42.04102 |

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|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 43.58480 | 420530.31 | 3764365.91 | 45.13314 |
| 420550.31 | 3764365.91 | 46.13350 | 420570.31 | 3764365.91 | 46.80365 |
| 420450.31 | 3764385.91 | 38.55731 | 420470.31 | 3764385.91 | 39.02067 |
| 420490.31 | 3764385.91 | 39.60643 | 420510.31 | 3764385.91 | 40.64470 |
| 420530.31 | 3764385.91 | 42.81629 | 420550.31 | 3764385.91 | 43.68852 |
| 420470.31 | 3764405.91 | 37.19682 | 420490.31 | 3764405.91 | 37.80099 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 38.59932 | 420530.31 | 3764405.91 | 39.88704 |
| 420490.31 | 3764425.91 | 35.86389 | 420510.31 | 3764425.91 | 36.31184 |
| 420504.61 | 3764167.94 | 87.16951 | 420511.08 | 3764158.02 | 91.95853 |
| 420524.44 | 3764147.67 | 98.71316 | 420535.23 | 3764136.03 | 105.17046 |
| 420493.83 | 3764108.43 | 104.83904 | 420483.05 | 3764124.38 | 96.06174 |
| 420469.25 | 3764140.34 | 87.67501 | 420454.16 | 3764160.60 | 79.15185 |
| 420443.38 | 3764173.11 | 74.41171 | 420427.85 | 3764193.38 | 66.69516 |
| 420417.51 | 3764210.62 | 61.77110 | 420405.86 | 3764224.42 | 57.40167 |
| 420389.91 | 3764241.24 | 53.14652 | 420379.13 | 3764258.92 | 49.37648 |
| 420362.74 | 3764275.31 | 45.92316 | 420351.10 | 3764286.95 | 43.46296 |
| 420518.84 | 3764071.76 | 129.56711 | 420534.99 | 3764080.89 | 130.84134 |
| 420548.34 | 3764092.83 | 129.49458 | 420571.51 | 3764110.38 | 124.04693 |
| 420591.17 | 3764123.02 | 124.89080 | 420605.91 | 3764135.66 | 119.84534 |
| 420622.06 | 3764145.49 | 117.45730 | 420640.32 | 3764160.23 | 114.63494 |
| 420614.34 | 3764193.23 | 97.04258 | 420580.63 | 3764167.96 | 99.54134 |
| 420565.89 | 3764182.00 | 93.13125 | 420553.95 | 3764191.13 | 88.31959 |
| 420597.49 | 3764203.77 | 89.07552 | 420591.87 | 3764223.43 | 82.48611 |
| 420539.91 | 3764200.26 | 82.72770 | 420606.61 | 3764240.98 | 78.53797 |
| 420629.08 | 3764250.81 | 78.01749 | 420648.74 | 3764238.87 | 81.88514 |
| 420651.55 | 3764222.73 | 88.37802 | 420660.68 | 3764207.98 | 93.63853 |
| 420667.00 | 3764195.34 | 99.60362 | 420681.74 | 3764181.30 | 108.88646 |
| 420712.64 | 3764215.70 | 90.53731 | 420695.09 | 3764229.75 | 84.71023 |
| 420732.30 | 3764227.64 | 86.75058 | 420747.05 | 3764238.17 | 84.44626 |
| 420767.41 | 3764245.19 | 83.78848 | 420681.04 | 3764247.30 | 78.27585 |
| 420668.40 | 3764264.85 | 72.28151 | 420655.06 | 3764283.11 | 66.62241 |
| 420641.02 | 3764297.86 | 62.33025 | 420638.21 | 3764314.71 | 58.93464 |
| 420629.08 | 3764330.86 | 55.44977 | 420619.25 | 3764349.11 | 51.79554 |
| 420605.91 | 3764381.41 | 45.56555 | 420599.59 | 3764395.46 | 43.54393 |
| 420572.91 | 3764397.56 | 42.21756 | 420563.78 | 3764415.82 | 39.56761 |
| 420537.80 | 3764434.78 | 35.42201 | 420556.76 | 3764436.18 | 35.40985 |
| 420575.72 | 3764441.10 | 34.79882 | 420589.76 | 3764450.93 | 34.21072 |
| 420638.21 | 3764481.82 | 32.95451 | 420641.02 | 3764463.56 | 35.20476 |
| 420648.74 | 3764446.01 | 37.49668 | 420652.96 | 3764423.54 | 40.87862 |
| 420652.96 | 3764410.90 | 42.92264 | 420650.85 | 3764387.03 | 46.59532 |

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|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 53.77571 | 420331.87 | 3764188.02 | 54.26439 |
| 420353.64 | 3764208.38 | 53.28695 | 420339.59 | 3764226.64 | 49.51146 |
| 420327.66 | 3764237.87 | 46.87662 | 420317.83 | 3764252.62 | 44.51119 |
| 420300.27 | 3764231.55 | 44.89496 | 420285.53 | 3764216.81 | 45.10702 |
| 420271.48 | 3764206.28 | 44.55681 | 420260.25 | 3764195.04 | 44.50941 |
| 420283.42 | 3764171.17 | 50.49725 | 420268.56 | 3763810.41 | 92.98808 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 80.25737 | 420470.31 | 3764185.91 | 74.92584 |
| 420490.31 | 3764185.91 | 78.33366 | 420450.31 | 3764205.91 | 67.20140 |
| 420470.31 | 3764205.91 | 69.96470 | 420490.31 | 3764205.91 | 72.72164 |
| 420510.31 | 3764205.91 | 75.79048 | 420530.31 | 3764205.91 | 79.59059 |
| 420430.31 | 3764225.91 | 60.38939 | 420450.31 | 3764225.91 | 62.75760 |
| 420470.31 | 3764225.91 | 65.26132 | 420490.31 | 3764225.91 | 67.75831 |
| 420510.31 | 3764225.91 | 70.31856 | 420530.31 | 3764225.91 | 73.16499 |
| 420550.31 | 3764225.91 | 75.29780 | 420410.31 | 3764245.91 | 54.33184 |
| 420430.31 | 3764245.91 | 56.72898 | 420450.31 | 3764245.91 | 58.81075 |
| 420470.31 | 3764245.91 | 60.99344 | 420490.31 | 3764245.91 | 63.08218 |
| 420510.31 | 3764245.91 | 65.23318 | 420530.31 | 3764245.91 | 67.81232 |
| 420550.31 | 3764245.91 | 69.77631 | 420570.31 | 3764245.91 | 72.19428 |
| 420410.31 | 3764265.91 | 51.45048 | 420430.31 | 3764265.91 | 53.29190 |
| 420450.31 | 3764265.91 | 55.17820 | 420470.31 | 3764265.91 | 56.98295 |
| 420490.31 | 3764265.91 | 58.72893 | 420510.31 | 3764265.91 | 60.60730 |
| 420530.31 | 3764265.91 | 62.99286 | 420550.31 | 3764265.91 | 64.87658 |
| 420570.31 | 3764265.91 | 66.60458 | 420590.31 | 3764265.91 | 68.53120 |
| 420610.31 | 3764265.91 | 70.75463 | 420390.31 | 3764285.91 | 46.81789 |
| 420410.31 | 3764285.91 | 48.48767 | 420430.31 | 3764285.91 | 50.16677 |
| 420450.31 | 3764285.91 | 51.73942 | 420470.31 | 3764285.91 | 53.04854 |
| 420162.22 | 3763820.99 | 57.42234 | 420180.57 | 3763830.04 | 59.77897 |
| 420200.57 | 3763830.04 | 63.40736 | 420200.57 | 3763850.04 | 62.34495 |
| 420220.57 | 3763850.04 | 66.17841 | 420240.57 | 3763850.04 | 70.77123 |
| 420160.57 | 3763870.04 | 54.24549 | 420180.57 | 3763870.04 | 57.48576 |
| 420220.57 | 3763870.04 | 64.70021 | 420240.57 | 3763870.04 | 68.71788 |
| 420260.57 | 3763870.04 | 73.59004 | 420160.57 | 3763890.04 | 52.97340 |
| 420200.57 | 3763890.04 | 59.49910 | 420260.57 | 3763890.04 | 71.59804 |
| 420280.57 | 3763890.04 | 76.03341 | 420140.57 | 3763910.04 | 49.32629 |
| 420200.57 | 3763910.04 | 57.57656 | 420220.57 | 3763910.04 | 61.51312 |
| 420280.57 | 3763910.04 | 74.03786 | 420300.57 | 3763910.04 | 78.82029 |
| 420160.57 | 3763930.04 | 50.27683 | 420180.57 | 3763930.04 | 52.74872 |
| 420220.57 | 3763930.04 | 59.37409 | 420240.57 | 3763930.04 | 63.01635 |
| 420260.57 | 3763930.04 | 67.46019 | 420320.57 | 3763930.04 | 81.10298 |
| 420340.57 | 3763930.04 | 86.71273 | 420120.57 | 3763950.04 | 44.25792 |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 46.39895 | 420200.57 | 3763950.04 | 54.26673 |
| 420220.57 | 3763950.04 | 57.19233 | 420260.57 | 3763950.04 | 64.69522 |
| 420280.57 | 3763950.04 | 69.06728 | 420340.57 | 3763950.04 | 83.50229 |
| 420360.57 | 3763950.04 | 89.45739 | 420120.57 | 3763970.04 | 43.01677 |
| 420140.57 | 3763970.04 | 45.01672 | 420160.57 | 3763970.04 | 47.61399 |
| 420240.57 | 3763970.04 | 58.47214 | 420300.57 | 3763970.04 | 70.65082 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 79.99873 | 420360.57 | 3763970.04 | 85.57939 |
| 420100.57 | 3763990.04 | 40.24467 | 420120.57 | 3763990.04 | 41.91538 |
| 420160.57 | 3763990.04 | 46.01128 | 420180.57 | 3763990.04 | 48.70448 |
| 420240.57 | 3763990.04 | 56.64107 | 420260.57 | 3763990.04 | 59.51093 |
| 420280.57 | 3763990.04 | 63.23469 | 420340.57 | 3763990.04 | 76.50586 |
| 420120.57 | 3764010.04 | 40.82053 | 420140.57 | 3764010.04 | 42.58970 |
| 420160.57 | 3764010.04 | 44.96740 | 420200.57 | 3764010.04 | 49.60567 |
| 420220.57 | 3764010.04 | 52.06213 | 420280.57 | 3764010.04 | 61.01214 |
| 420320.57 | 3764010.04 | 68.57886 | 420400.57 | 3764010.04 | 86.90094 |
| 420420.57 | 3764010.04 | 92.61211 | 420440.57 | 3764010.04 | 98.76500 |
| 420180.57 | 3764030.04 | 45.62473 | 420200.57 | 3764030.04 | 47.62877 |
| 420240.57 | 3764030.04 | 52.93298 | 420300.57 | 3764030.04 | 62.29724 |
| 420320.57 | 3764030.04 | 65.54471 | 420400.57 | 3764030.04 | 81.95783 |
| 420440.57 | 3764030.04 | 92.73819 | 420460.57 | 3764030.04 | 99.10392 |
| 420180.57 | 3764050.04 | 43.77331 | 420200.57 | 3764050.04 | 45.72182 |
| 420240.57 | 3764050.04 | 50.60218 | 420280.57 | 3764050.04 | 56.39443 |
| 420380.57 | 3764050.04 | 72.87414 | 420480.57 | 3764050.04 | 98.02230 |
| 420200.57 | 3764070.04 | 44.19970 | 420220.57 | 3764070.04 | 46.54519 |
| 420260.57 | 3764070.04 | 51.35660 | 420280.57 | 3764070.04 | 53.62940 |
| 420360.57 | 3764070.04 | 65.71457 | 420420.57 | 3764070.04 | 77.11526 |
| 420440.57 | 3764070.04 | 81.36775 | 420260.57 | 3764090.04 | 48.99954 |
| 420340.57 | 3764090.04 | 59.18615 | 420400.57 | 3764090.04 | 69.05510 |
| 420420.57 | 3764090.04 | 72.31640 | 420440.57 | 3764090.04 | 76.21234 |
| 420460.57 | 3764090.04 | 80.92884 | 420260.57 | 3764110.04 | 46.55840 |
| 420340.57 | 3764110.04 | 56.16992 | 420400.57 | 3764110.04 | 64.77380 |
| 420420.57 | 3764110.04 | 68.09081 | 420440.57 | 3764110.04 | 71.78497 |
| 420320.57 | 3764130.04 | 50.69263 | 420380.57 | 3764130.04 | 58.41975 |
| 420400.57 | 3764130.04 | 61.08311 | 420420.57 | 3764130.04 | 64.30605 |
| 420360.57 | 3764150.04 | 52.97186 | 420400.57 | 3764150.04 | 57.68653 |
| 420340.57 | 3764170.04 | 48.09621 | 420380.57 | 3764170.04 | 52.13897 |
| 420400.57 | 3764170.04 | 54.57952 | 420380.57 | 3764190.04 | 49.38343 |
| 420714.65 | 3764272.44 | 58.01836 | 420734.65 | 3764284.40 | 55.76668 |
| 420754.65 | 3764284.40 | 56.10725 | 420280.59 | 3763433.11 | 77.39492 |
| 420260.59 | 3763453.11 | 75.10463 | 420260.59 | 3763473.11 | 76.87319 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 72.06432 | 420253.62 | 3763507.75 | 77.75868 |
| 420200.59 | 3763533.11 | 67.32951 | 420223.55 | 3763541.34 | 72.46424 |
| 420240.59 | 3763533.11 | 76.03317 | 420179.16 | 3763563.83 | 63.99768 |
| 420200.59 | 3763573.11 | 68.37033 | 420234.64 | 3763578.58 | 76.39213 |
| 420200.59 | 3763593.11 | 68.79430 | 420160.59 | 3763613.11 | 61.34742 |
| 420138.25 | 3763640.23 | 57.55758 | 420200.59 | 3763613.11 | 69.20101 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 65.13707 | 420172.25 | 3763655.96 | 63.51109 |
| 420160.59 | 3763673.11 | 61.33008 | 420160.59 | 3763693.11 | 61.23296 |
| 420092.84 | 3763719.31 | 50.14817 | 420140.59 | 3763713.11 | 57.47182 |
| 420120.59 | 3763733.11 | 54.01609 | 420804.93 | 3764263.30 | 59.93014 |
| 420820.93 | 3764270.66 | 58.17990 | 420839.88 | 3764276.55 | 56.67841 |
| 420860.72 | 3764279.50 | 55.41550 | 420880.72 | 3764279.50 | 54.84851 |
| 420892.72 | 3764288.76 | 52.16946 | 420900.72 | 3764299.50 | 50.61107 |
| 420920.72 | 3764299.50 | 50.44732 | 420980.72 | 3764299.50 | 49.69886 |
| 420740.72 | 3764319.50 | 49.67781 | 420780.72 | 3764319.50 | 49.72698 |
| 420800.72 | 3764319.50 | 49.25744 | 420820.72 | 3764319.50 | 48.99411 |
| 420840.72 | 3764319.50 | 48.68663 | 420940.72 | 3764319.50 | 46.56200 |
| 420980.72 | 3764319.50 | 45.86884 | 421003.29 | 3764310.49 | 46.78026 |
| 421023.29 | 3764310.49 | 45.48717 | 421043.29 | 3764310.49 | 45.13149 |
| 421063.29 | 3764310.49 | 44.72675 | 421083.29 | 3764310.49 | 44.36700 |
| 421103.29 | 3764310.49 | 44.09303 | 421123.29 | 3764310.49 | 43.88885 |
| 421143.29 | 3764310.49 | 43.65670 | 421163.29 | 3764310.49 | 43.42446 |
| 421183.29 | 3764310.49 | 43.18879 | 421203.29 | 3764310.49 | 42.98847 |
| 421223.29 | 3764310.49 | 42.87332 | 421243.29 | 3764310.49 | 42.62853 |
| 421263.29 | 3764310.49 | 42.36196 | 421283.29 | 3764310.49 | 42.08468 |
| 421303.29 | 3764310.49 | 41.80515 | 420760.72 | 3764339.50 | 46.80745 |
| 420860.72 | 3764339.50 | 45.52119 | 420880.72 | 3764339.50 | 45.13619 |
| 420920.72 | 3764339.50 | 44.28585 | 420980.72 | 3764339.50 | 42.33799 |
| 420700.42 | 3764305.37 | 50.42259 | 420780.72 | 3764359.50 | 43.49303 |
| 420800.72 | 3764359.50 | 43.22763 | 420823.92 | 3764366.20 | 42.08098 |
| 420920.72 | 3764359.50 | 40.71061 | 420980.72 | 3764359.50 | 38.72944 |
| 421010.96 | 3764363.22 | 38.42976 | 421030.96 | 3764363.22 | 38.30183 |
| 421050.96 | 3764363.22 | 37.97457 | 421070.96 | 3764363.22 | 37.69224 |
| 421090.96 | 3764363.22 | 37.39954 | 421110.96 | 3764363.22 | 37.14183 |
| 421130.96 | 3764363.22 | 36.82952 | 421150.96 | 3764363.22 | 36.55397 |
| 421170.96 | 3764363.22 | 36.69248 | 421190.96 | 3764368.75 | 35.85718 |
| 421210.17 | 3764368.36 | 35.90095 | 421230.17 | 3764368.36 | 35.91849 |
| 421250.17 | 3764368.36 | 35.82825 | 421270.17 | 3764368.36 | 35.68899 |
| 421290.17 | 3764368.36 | 35.56220 | 421310.17 | 3764368.36 | 35.44440 |
| 420843.63 | 3764371.64 | 40.84606 | 420860.72 | 3764379.50 | 39.33439 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 38.30051 | 420898.39 | 3764385.33 | 36.74164 |
| 420980.72 | 3764379.50 | 35.13890 | 420760.72 | 3764399.50 | 38.60836 |
| 420780.72 | 3764399.50 | 38.54216 | 420920.72 | 3764399.50 | 34.55517 |
| 420940.72 | 3764399.50 | 34.60666 | 420980.72 | 3764399.50 | 31.95364 |
| 420746.30 | 3764412.53 | 36.98578 | 420780.72 | 3764419.50 | 35.83434 |
| 420820.72 | 3764419.50 | 36.35646 | 420840.72 | 3764419.50 | 35.89580 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 31.76806 | 420980.72 | 3764419.50 | 29.33070 |
| 421013.06 | 3764405.83 | 29.79471 | 421033.06 | 3764405.83 | 29.23407 |
| 421053.06 | 3764405.83 | 29.01868 | 421073.06 | 3764405.83 | 28.83799 |
| 421093.06 | 3764405.83 | 28.64268 | 421113.06 | 3764405.83 | 28.44695 |
| 421133.06 | 3764405.83 | 28.20761 | 421160.72 | 3764419.50 | 26.31396 |
| 421180.72 | 3764419.50 | 26.52320 | 421220.72 | 3764419.50 | 29.97147 |
| 421233.28 | 3764408.34 | 31.44767 | 421253.28 | 3764408.34 | 31.45548 |
| 421273.28 | 3764408.34 | 31.61895 | 421293.28 | 3764408.34 | 31.61650 |
| 420746.30 | 3764432.53 | 34.53143 | 420780.72 | 3764439.50 | 33.74015 |
| 420820.72 | 3764439.50 | 34.16065 | 420860.72 | 3764439.50 | 32.82456 |
| 420880.72 | 3764439.50 | 32.18993 | 420940.72 | 3764439.50 | 29.77788 |
| 420980.72 | 3764439.50 | 27.22782 | 420994.21 | 3764452.98 | 25.76966 |
| 421014.21 | 3764452.98 | 25.42068 | 421034.21 | 3764452.98 | 25.08822 |
| 421054.21 | 3764452.98 | 24.84265 | 421074.21 | 3764452.98 | 24.68669 |
| 421094.21 | 3764452.98 | 24.57450 | 421114.21 | 3764452.98 | 24.38578 |
| 421134.21 | 3764452.98 | 24.07356 | 421180.72 | 3764439.50 | 24.54022 |
| 421220.72 | 3764439.50 | 28.03102 | 420737.00 | 3764452.99 | 32.41459 |
| 420780.72 | 3764459.50 | 31.95631 | 420820.72 | 3764459.50 | 31.80752 |
| 420920.72 | 3764459.50 | 27.51353 | 421134.21 | 3764472.98 | 21.94422 |
| 421180.72 | 3764459.50 | 22.69511 | 421200.72 | 3764459.50 | 22.66776 |
| 421233.28 | 3764448.34 | 27.40102 | 421252.35 | 3764459.04 | 27.38468 |
| 421293.28 | 3764448.34 | 28.58579 | 420737.00 | 3764472.99 | 30.63575 |
| 420820.72 | 3764479.50 | 29.58158 | 420871.79 | 3764475.04 | 25.66976 |
| 420920.72 | 3764479.50 | 24.98805 | 421180.72 | 3764479.50 | 21.02645 |
| 421200.72 | 3764479.50 | 20.69012 | 421260.72 | 3764479.50 | 25.66269 |
| 421280.72 | 3764479.50 | 26.37391 | 420737.00 | 3764492.99 | 28.90360 |
| 420767.69 | 3764492.53 | 28.69361 | 420820.72 | 3764499.50 | 27.53651 |
| 420871.79 | 3764495.04 | 23.47249 | 420920.72 | 3764499.50 | 23.22990 |
| 421114.21 | 3764512.98 | 16.75097 | 421134.21 | 3764512.98 | 17.34118 |
| 421200.72 | 3764499.50 | 19.25717 | 421280.72 | 3764499.50 | 25.15155 |
| 420730.48 | 3764507.70 | 27.87141 | 420767.69 | 3764512.53 | 26.81994 |
| 420820.72 | 3764519.50 | 25.46090 | 420871.79 | 3764515.04 | 21.64906 |
| 420920.72 | 3764519.50 | 21.02570 | 421000.26 | 3764522.29 | 14.48652 |
| 421020.26 | 3764522.29 | 14.39674 | 421040.26 | 3764522.29 | 14.69865 |

| | | | | | |
|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 15.07338 | 421080.26 | 3764522.29 | 15.51192 |
| 421200.72 | 3764519.50 | 18.18195 | 421280.72 | 3764519.50 | 24.00541 |
| 420730.48 | 3764527.70 | 26.48429 | 420767.69 | 3764532.53 | 25.10899 |
| 420820.72 | 3764539.50 | 23.51740 | 420860.72 | 3764539.50 | 20.08657 |
| 420920.72 | 3764539.50 | 18.94024 | 420980.72 | 3764539.50 | 13.44392 |
| 421160.72 | 3764539.50 | 16.80074 | 421180.72 | 3764539.50 | 17.17545 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 22.94256 | 420860.72 | 3764559.50 | 18.44829 |
| 420909.07 | 3764562.58 | 17.82883 | 420980.72 | 3764559.50 | 12.84890 |
| 421040.72 | 3764559.50 | 13.21991 | 421080.72 | 3764559.50 | 14.30692 |
| 421100.72 | 3764559.50 | 14.62921 | 421120.72 | 3764559.50 | 15.01004 |
| 421140.72 | 3764559.50 | 15.38957 | 421160.72 | 3764559.50 | 15.79495 |
| 420960.72 | 3764579.50 | 12.72385 | 421020.72 | 3764579.50 | 12.53716 |
| 420680.84 | 3764330.64 | 45.51591 | 420720.84 | 3764330.64 | 46.87271 |
| 420660.84 | 3764350.64 | 42.38320 | 420692.00 | 3764425.97 | 35.06120 |
| 420720.84 | 3764350.64 | 44.78637 | 420660.84 | 3764370.64 | 39.61149 |
| 420700.84 | 3764370.64 | 40.84708 | 420700.84 | 3764390.64 | 38.56340 |
| 420700.84 | 3764410.64 | 36.77435 | 420680.84 | 3764450.64 | 32.05540 |
| 420680.84 | 3764470.64 | 30.16901 | 420680.84 | 3764490.64 | 28.47292 |
| 420101.08 | 3763674.83 | 51.96181 | 420083.47 | 3763665.61 | 49.65774 |
| 420070.89 | 3763688.25 | 47.89290 | 420083.05 | 3763697.47 | 49.26231 |
| 420043.64 | 3763644.22 | 44.86327 | 420057.47 | 3763625.35 | 46.45409 |
| 420067.12 | 3763611.93 | 47.54973 | 420079.70 | 3763600.61 | 49.04270 |
| 420101.50 | 3763588.45 | 51.88115 | 420107.79 | 3763573.35 | 52.58141 |
| 420119.53 | 3763558.68 | 54.07942 | 420130.02 | 3763541.07 | 55.30951 |
| 420141.76 | 3763528.91 | 56.85867 | 420177.06 | 3763505.07 | 62.01999 |
| 420182.52 | 3763490.53 | 62.47219 | 420189.79 | 3763470.23 | 62.87052 |
| 420205.24 | 3763456.30 | 64.82524 | 420211.91 | 3763443.87 | 65.32337 |
| 420221.30 | 3763427.51 | 65.77714 | 420233.11 | 3763414.79 | 66.73472 |
| 420187.06 | 3763375.10 | 58.74607 | 420174.04 | 3763398.73 | 57.31309 |
| 420159.80 | 3763419.94 | 54.96340 | 420144.65 | 3763435.69 | 52.98303 |
| 420157.37 | 3763449.33 | 56.00244 | 420203.21 | 3763366.33 | 60.39992 |
| 420212.30 | 3763349.37 | 60.06031 | 420110.79 | 3763789.57 | 47.37251 |
| 420095.76 | 3763777.27 | 46.02616 | 420082.79 | 3763760.88 | 45.79776 |
| 420069.13 | 3763754.06 | 44.08284 | 420054.11 | 3763743.13 | 42.41964 |
| 420101.91 | 3763822.34 | 45.55732 | 420083.47 | 3763829.85 | 42.85557 |
| 420062.30 | 3763818.25 | 41.14970 | 420054.11 | 3763806.64 | 40.71898 |
| 420037.04 | 3763795.71 | 39.46029 | 420087.94 | 3763866.45 | 42.43429 |
| 420066.97 | 3763858.48 | 40.49961 | 420049.36 | 3763847.57 | 39.29366 |
| 420032.58 | 3763850.93 | 37.86096 | 420490.31 | 3764285.91 | 44.31277 |
| 420510.31 | 3764285.91 | 45.57041 | 420530.31 | 3764285.91 | 46.87805 |

| | | | | | |
|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 48.16080 | 420570.31 | 3764285.91 | 49.25606 |
| 420590.31 | 3764285.91 | 50.13939 | 420610.31 | 3764285.91 | 50.83831 |
| 420390.31 | 3764305.91 | 36.61372 | 420410.31 | 3764305.91 | 37.64129 |
| 420430.31 | 3764305.91 | 38.85649 | 420450.31 | 3764305.91 | 39.79268 |
| 420470.31 | 3764305.91 | 40.73674 | 420490.31 | 3764305.91 | 41.70832 |
| 420510.31 | 3764305.91 | 42.70498 | 420530.31 | 3764305.91 | 43.73692 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 45.01816 | 420570.31 | 3764305.91 | 46.09629 |
| 420590.31 | 3764305.91 | 46.81508 | 420610.31 | 3764305.91 | 47.17670 |
| 420390.31 | 3764325.91 | 34.66863 | 420410.31 | 3764325.91 | 35.56215 |
| 420430.31 | 3764325.91 | 36.76685 | 420450.31 | 3764325.91 | 37.51816 |
| 420470.31 | 3764325.91 | 38.46460 | 420490.31 | 3764325.91 | 39.35307 |
| 420510.31 | 3764325.91 | 40.14945 | 420530.31 | 3764325.91 | 40.94826 |
| 420550.31 | 3764325.91 | 42.15369 | 420570.31 | 3764325.91 | 43.21571 |
| 420590.31 | 3764325.91 | 43.84748 | 420410.31 | 3764345.91 | 34.00923 |
| 420430.31 | 3764345.91 | 34.70862 | 420450.31 | 3764345.91 | 35.22898 |
| 420470.31 | 3764345.91 | 35.90973 | 420490.31 | 3764345.91 | 36.91607 |
| 420510.31 | 3764345.91 | 38.06943 | 420530.31 | 3764345.91 | 38.79713 |
| 420550.31 | 3764345.91 | 39.67469 | 420570.31 | 3764345.91 | 40.55890 |
| 420430.31 | 3764365.91 | 32.98427 | 420450.31 | 3764365.91 | 33.46187 |
| 420470.31 | 3764365.91 | 33.97946 | 420490.31 | 3764365.91 | 34.77443 |
| 420510.31 | 3764365.91 | 35.82500 | 420530.31 | 3764365.91 | 36.85736 |
| 420550.31 | 3764365.91 | 37.55786 | 420570.31 | 3764365.91 | 38.05968 |
| 420450.31 | 3764385.91 | 32.02679 | 420470.31 | 3764385.91 | 32.42203 |
| 420490.31 | 3764385.91 | 32.88814 | 420510.31 | 3764385.91 | 33.62853 |
| 420530.31 | 3764385.91 | 35.02504 | 420550.31 | 3764385.91 | 35.63987 |
| 420470.31 | 3764405.91 | 30.94675 | 420490.31 | 3764405.91 | 31.41566 |
| 420510.31 | 3764405.91 | 31.99924 | 420530.31 | 3764405.91 | 32.86883 |
| 420490.31 | 3764425.91 | 29.88452 | 420510.31 | 3764425.91 | 30.24429 |
| 420504.61 | 3764167.94 | 68.26436 | 420511.08 | 3764158.02 | 71.68455 |
| 420524.44 | 3764147.67 | 76.42722 | 420535.23 | 3764136.03 | 81.18084 |
| 420493.83 | 3764108.43 | 82.01751 | 420483.05 | 3764124.38 | 75.57580 |
| 420469.25 | 3764140.34 | 69.41290 | 420454.16 | 3764160.60 | 63.04514 |
| 420443.38 | 3764173.11 | 59.46668 | 420427.85 | 3764193.38 | 53.83675 |
| 420417.51 | 3764210.62 | 50.13704 | 420405.86 | 3764224.42 | 46.92238 |
| 420389.91 | 3764241.24 | 43.65943 | 420379.13 | 3764258.92 | 40.78702 |
| 420362.74 | 3764275.31 | 38.12063 | 420351.10 | 3764286.95 | 36.24884 |
| 420518.84 | 3764071.76 | 100.09713 | 420534.99 | 3764080.89 | 100.49057 |
| 420548.34 | 3764092.83 | 98.92236 | 420571.51 | 3764110.38 | 95.02594 |
| 420591.17 | 3764123.02 | 94.48624 | 420605.91 | 3764135.66 | 90.94668 |
| 420622.06 | 3764145.49 | 89.02418 | 420640.32 | 3764160.23 | 86.18978 |

| | | | | | |
|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 73.70221 | 420580.63 | 3764167.96 | 76.69127 |
| 420565.89 | 3764182.00 | 71.81804 | 420553.95 | 3764191.13 | 68.36984 |
| 420597.49 | 3764203.77 | 68.67330 | 420591.87 | 3764223.43 | 63.76326 |
| 420539.91 | 3764200.26 | 64.55036 | 420606.61 | 3764240.98 | 60.78575 |
| 420629.08 | 3764250.81 | 60.11150 | 420648.74 | 3764238.87 | 63.13579 |
| 420651.55 | 3764222.73 | 67.55762 | 420660.68 | 3764207.98 | 71.54786 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1_IDLE ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 , STCK7 , STCK8 , STCK9 , STCK10 , STCK11 , STCK12 , STCK13 ,
STCK14 , STCK15 , STCK16 , STCK17 , STCK18 , STCK19 , STCK20 , STCK21 ,
STCK22 , STCK23 , STCK24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 75.69329 | 420681.74 | 3764181.30 | 81.68040 |
| 420712.64 | 3764215.70 | 69.98041 | 420695.09 | 3764229.75 | 65.76030 |
| 420732.30 | 3764227.64 | 67.22287 | 420747.05 | 3764238.17 | 65.26492 |
| 420767.41 | 3764245.19 | 64.37000 | 420681.04 | 3764247.30 | 61.09411 |
| 420668.40 | 3764264.85 | 56.76813 | 420655.06 | 3764283.11 | 52.66959 |
| 420641.02 | 3764297.86 | 49.55213 | 420638.21 | 3764314.71 | 46.96181 |
| 420629.08 | 3764330.86 | 44.36662 | 420619.25 | 3764349.11 | 41.65491 |
| 420605.91 | 3764381.41 | 37.10906 | 420599.59 | 3764395.46 | 35.55802 |
| 420572.91 | 3764397.56 | 34.62202 | 420563.78 | 3764415.82 | 32.62405 |
| 420537.80 | 3764434.78 | 29.63524 | 420556.76 | 3764436.18 | 29.65332 |
| 420575.72 | 3764441.10 | 29.21487 | 420589.76 | 3764450.93 | 28.73025 |
| 420638.21 | 3764481.82 | 27.61528 | 420641.02 | 3764463.56 | 29.31813 |
| 420648.74 | 3764446.01 | 31.04369 | 420652.96 | 3764423.54 | 33.52506 |
| 420652.96 | 3764410.90 | 35.00578 | 420650.85 | 3764387.03 | 37.71761 |
| 420295.36 | 3764152.91 | 45.14375 | 420331.87 | 3764188.02 | 45.05133 |
| 420353.64 | 3764208.38 | 44.20547 | 420339.59 | 3764226.64 | 41.22827 |
| 420327.66 | 3764237.87 | 39.19642 | 420317.83 | 3764252.62 | 37.29889 |
| 420300.27 | 3764231.55 | 37.79846 | 420285.53 | 3764216.81 | 38.07637 |
| 420271.48 | 3764206.28 | 37.78283 | 420260.25 | 3764195.04 | 37.84612 |
| 420283.42 | 3764171.17 | 42.44864 | 420972.38 | 3763271.71 | 60.12942 |
| 420913.80 | 3763329.33 | 76.16664 | 420955.88 | 3763316.14 | 69.12019 |
| 421011.82 | 3763312.84 | 63.00507 | 420869.05 | 3763382.67 | 96.24797 |
| 420913.80 | 3763379.33 | 88.95848 | 420955.88 | 3763366.14 | 79.59598 |
| 421011.82 | 3763362.84 | 71.46072 | 420906.65 | 3763419.80 | 103.02061 |
| 420955.88 | 3763416.14 | 92.42096 | 421011.82 | 3763412.84 | 81.60218 |
| 421009.84 | 3763454.26 | 91.85986 | 420679.66 | 3764117.07 | 152.02848 |
| 420692.12 | 3764098.22 | 171.88177 | 420703.14 | 3764099.09 | 172.00293 |
| 420702.56 | 3764144.04 | 133.80909 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 1.95348 | 420180.57 | 3763830.04 | 2.03772 |
| 420200.57 | 3763830.04 | 2.15648 | 420200.57 | 3763850.04 | 2.11496 |
| 420220.57 | 3763850.04 | 2.24156 | 420240.57 | 3763850.04 | 2.38141 |
| 420160.57 | 3763870.04 | 1.85454 | 420180.57 | 3763870.04 | 1.95785 |
| 420220.57 | 3763870.04 | 2.19348 | 420240.57 | 3763870.04 | 2.32873 |
| 420260.57 | 3763870.04 | 2.47795 | 420160.57 | 3763890.04 | 1.81438 |
| 420200.57 | 3763890.04 | 2.02318 | 420260.57 | 3763890.04 | 2.41727 |
| 420280.57 | 3763890.04 | 2.57596 | 420140.57 | 3763910.04 | 1.68370 |
| 420200.57 | 3763910.04 | 1.97366 | 420220.57 | 3763910.04 | 2.08908 |
| 420280.57 | 3763910.04 | 2.50625 | 420300.57 | 3763910.04 | 2.67520 |
| 420160.57 | 3763930.04 | 1.72857 | 420180.57 | 3763930.04 | 1.82117 |
| 420220.57 | 3763930.04 | 2.03280 | 420240.57 | 3763930.04 | 2.15344 |
| 420260.57 | 3763930.04 | 2.28667 | 420320.57 | 3763930.04 | 2.77350 |
| 420340.57 | 3763930.04 | 2.97359 | 420120.57 | 3763950.04 | 1.52572 |
| 420140.57 | 3763950.04 | 1.60148 | 420200.57 | 3763950.04 | 1.86928 |
| 420220.57 | 3763950.04 | 1.97453 | 420260.57 | 3763950.04 | 2.21692 |
| 420280.57 | 3763950.04 | 2.35645 | 420340.57 | 3763950.04 | 2.86983 |
| 420360.57 | 3763950.04 | 3.08185 | 420120.57 | 3763970.04 | 1.48598 |
| 420140.57 | 3763970.04 | 1.55846 | 420160.57 | 3763970.04 | 1.63725 |
| 420240.57 | 3763970.04 | 2.02464 | 420300.57 | 3763970.04 | 2.42298 |
| 420340.57 | 3763970.04 | 2.76220 | 420360.57 | 3763970.04 | 2.96126 |
| 420100.57 | 3763990.04 | 1.38130 | 420120.57 | 3763990.04 | 1.44566 |
| 420160.57 | 3763990.04 | 1.58988 | 420180.57 | 3763990.04 | 1.67113 |
| 420240.57 | 3763990.04 | 1.95814 | 420260.57 | 3763990.04 | 2.07143 |
| 420280.57 | 3763990.04 | 2.19619 | 420340.57 | 3763990.04 | 2.65172 |
| 420120.57 | 3764010.04 | 1.40470 | 420140.57 | 3764010.04 | 1.47067 |
| 420160.57 | 3764010.04 | 1.54215 | 420200.57 | 3764010.04 | 1.70217 |
| 420220.57 | 3764010.04 | 1.79231 | 420280.57 | 3764010.04 | 2.11423 |
| 420320.57 | 3764010.04 | 2.38348 | 420400.57 | 3764010.04 | 3.11537 |
| 420420.57 | 3764010.04 | 3.35486 | 420440.57 | 3764010.04 | 3.62466 |
| 420180.57 | 3764030.04 | 1.56604 | 420200.57 | 3764030.04 | 1.64429 |
| 420240.57 | 3764030.04 | 1.82172 | 420300.57 | 3764030.04 | 2.15078 |
| 420320.57 | 3764030.04 | 2.28137 | 420400.57 | 3764030.04 | 2.95369 |
| 420440.57 | 3764030.04 | 3.41474 | 420460.57 | 3764030.04 | 3.68930 |
| 420180.57 | 3764050.04 | 1.51257 | 420200.57 | 3764050.04 | 1.58621 |
| 420240.57 | 3764050.04 | 1.75227 | 420280.57 | 3764050.04 | 1.94760 |
| 420380.57 | 3764050.04 | 2.61552 | 420480.57 | 3764050.04 | 3.72336 |

| | | | | | |
|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 1.52831 | 420220.57 | 3764070.04 | 1.60286 |
| 420260.57 | 3764070.04 | 1.77008 | 420280.57 | 3764070.04 | 1.86374 |
| 420360.57 | 3764070.04 | 2.32978 | 420420.57 | 3764070.04 | 2.80886 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 3.00230 | 420260.57 | 3764090.04 | 1.69452 |
| 420340.57 | 3764090.04 | 2.08597 | 420400.57 | 3764090.04 | 2.47838 |
| 420420.57 | 3764090.04 | 2.63368 | 420440.57 | 3764090.04 | 2.80442 |
| 420460.57 | 3764090.04 | 2.99279 | 420260.57 | 3764110.04 | 1.56579 |
| 420340.57 | 3764110.04 | 1.97676 | 420400.57 | 3764110.04 | 2.32757 |
| 420420.57 | 3764110.04 | 2.46516 | 420440.57 | 3764110.04 | 2.61506 |
| 420320.57 | 3764130.04 | 1.71713 | 420380.57 | 3764130.04 | 2.07124 |
| 420400.57 | 3764130.04 | 2.18295 | 420420.57 | 3764130.04 | 2.30419 |
| 420360.57 | 3764150.04 | 1.85454 | 420400.57 | 3764150.04 | 2.04534 |
| 420340.57 | 3764170.04 | 1.60900 | 420380.57 | 3764170.04 | 1.76084 |
| 420400.57 | 3764170.04 | 1.91489 | 420380.57 | 3764190.04 | 1.65243 |
| 420714.65 | 3764272.44 | 2.06289 | 420734.65 | 3764284.40 | 1.97586 |
| 420754.65 | 3764284.40 | 2.01989 | 420280.59 | 3763433.11 | 2.68801 |
| 420260.59 | 3763453.11 | 2.61402 | 420260.59 | 3763473.11 | 2.65318 |
| 420233.62 | 3763487.75 | 2.51174 | 420253.62 | 3763507.75 | 2.66749 |
| 420200.59 | 3763533.11 | 2.36184 | 420223.55 | 3763541.34 | 2.50965 |
| 420240.59 | 3763533.11 | 2.61402 | 420179.16 | 3763563.83 | 2.25202 |
| 420200.59 | 3763573.11 | 2.38257 | 420234.64 | 3763578.58 | 2.61174 |
| 420200.59 | 3763593.11 | 2.38789 | 420160.59 | 3763613.11 | 2.14916 |
| 420138.25 | 3763640.23 | 2.01993 | 420200.59 | 3763613.11 | 2.38970 |
| 420180.59 | 3763633.11 | 2.26057 | 420172.25 | 3763655.96 | 2.20113 |
| 420160.59 | 3763673.11 | 2.12338 | 420160.59 | 3763693.11 | 2.10856 |
| 420092.84 | 3763719.31 | 1.74936 | 420140.59 | 3763713.11 | 1.98183 |
| 420120.59 | 3763733.11 | 1.86207 | 420804.93 | 3764263.30 | 2.44243 |
| 420820.93 | 3764270.66 | 2.40671 | 420839.88 | 3764276.55 | 2.41549 |
| 420860.72 | 3764279.50 | 2.49117 | 420880.72 | 3764279.50 | 2.63047 |
| 420892.72 | 3764288.76 | 2.56244 | 420900.72 | 3764299.50 | 2.45309 |
| 420920.72 | 3764299.50 | 2.60942 | 420980.72 | 3764299.50 | 3.16879 |
| 420740.72 | 3764319.50 | 1.66383 | 420780.72 | 3764319.50 | 1.73556 |
| 420800.72 | 3764319.50 | 1.77920 | 420820.72 | 3764319.50 | 1.83237 |
| 420840.72 | 3764319.50 | 1.89595 | 420940.72 | 3764319.50 | 2.43702 |
| 420980.72 | 3764319.50 | 2.75335 | 421003.29 | 3764310.49 | 3.12796 |
| 421023.29 | 3764310.49 | 3.29178 | 421043.29 | 3764310.49 | 3.45313 |
| 421063.29 | 3764310.49 | 3.00754 | 421083.29 | 3764310.49 | 3.13147 |
| 421103.29 | 3764310.49 | 3.25380 | 421123.29 | 3764310.49 | 3.37213 |
| 421143.29 | 3764310.49 | 3.47563 | 421163.29 | 3764310.49 | 3.56577 |
| 421183.29 | 3764310.49 | 3.64199 | 421203.29 | 3764310.49 | 3.70879 |

| | | | | | |
|---|---|---|---|---|---|
| 421223.29 | 3764310.49 | 3.77279 | 421243.29 | 3764310.49 | 3.80970 |
| 421263.29 | 3764310.49 | 3.83260 | 421283.29 | 3764310.49 | 3.84421 |
| 421303.29 | 3764310.49 | 3.95707 | 420760.72 | 3764339.50 | 1.54278 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 1.77459 | 420880.72 | 3764339.50 | 1.84997 |
| 420920.72 | 3764339.50 | 2.04027 | 420980.72 | 3764339.50 | 2.41288 |
| 420700.42 | 3764305.37 | 1.71510 | 420780.72 | 3764359.50 | 1.43551 |
| 420800.72 | 3764359.50 | 1.46764 | 420823.92 | 3764366.20 | 1.46644 |
| 420920.72 | 3764359.50 | 1.82086 | 420980.72 | 3764359.50 | 1.77962 |
| 421010.96 | 3764363.22 | 1.87892 | 421030.96 | 3764363.22 | 1.96940 |
| 421050.96 | 3764363.22 | 2.05338 | 421070.96 | 3764363.22 | 2.14063 |
| 421090.96 | 3764363.22 | 2.22633 | 421110.96 | 3764363.22 | 2.31203 |
| 421130.96 | 3764363.22 | 2.38859 | 421150.96 | 3764363.22 | 2.46223 |
| 421170.96 | 3764363.22 | 2.56908 | 421190.96 | 3764368.75 | 2.54813 |
| 421210.17 | 3764368.36 | 2.63304 | 421230.17 | 3764368.36 | 2.71032 |
| 421250.17 | 3764368.36 | 2.77027 | 421270.17 | 3764368.36 | 2.81821 |
| 421290.17 | 3764368.36 | 2.86053 | 421310.17 | 3764368.36 | 2.89769 |
| 420843.63 | 3764371.64 | 1.47092 | 420860.72 | 3764379.50 | 1.45682 |
| 420880.72 | 3764379.50 | 1.36363 | 420898.39 | 3764385.33 | 1.34674 |
| 420980.72 | 3764379.50 | 1.54535 | 420760.72 | 3764399.50 | 1.18820 |
| 420780.72 | 3764399.50 | 1.20933 | 420920.72 | 3764399.50 | 1.28941 |
| 420940.72 | 3764399.50 | 1.33470 | 420980.72 | 3764399.50 | 1.35806 |
| 420746.30 | 3764412.53 | 1.11527 | 420780.72 | 3764419.50 | 1.11523 |
| 420820.72 | 3764419.50 | 1.16310 | 420840.72 | 3764419.50 | 1.19104 |
| 420940.72 | 3764419.50 | 1.19303 | 420980.72 | 3764419.50 | 1.21157 |
| 421013.06 | 3764405.83 | 1.34947 | 421033.06 | 3764405.83 | 1.38250 |
| 421053.06 | 3764405.83 | 1.42764 | 421073.06 | 3764405.83 | 1.47536 |
| 421093.06 | 3764405.83 | 1.52339 | 421113.06 | 3764405.83 | 1.57143 |
| 421133.06 | 3764405.83 | 1.61706 | 421160.72 | 3764419.50 | 1.53488 |
| 421180.72 | 3764419.50 | 1.59450 | 421220.72 | 3764419.50 | 1.91202 |
| 421233.28 | 3764408.34 | 2.11900 | 421253.28 | 3764408.34 | 2.18160 |
| 421273.28 | 3764408.34 | 2.25684 | 421293.28 | 3764408.34 | 2.31195 |
| 420746.30 | 3764432.53 | 1.03258 | 420780.72 | 3764439.50 | 1.03285 |
| 420820.72 | 3764439.50 | 1.07468 | 420860.72 | 3764439.50 | 1.03428 |
| 420880.72 | 3764439.50 | 1.04906 | 420940.72 | 3764439.50 | 1.08616 |
| 420980.72 | 3764439.50 | 1.09437 | 420994.21 | 3764452.98 | 1.04189 |
| 421014.21 | 3764452.98 | 1.06550 | 421034.21 | 3764452.98 | 1.09077 |
| 421054.21 | 3764452.98 | 1.11946 | 421074.21 | 3764452.98 | 1.15188 |
| 421094.21 | 3764452.98 | 1.18652 | 421114.21 | 3764452.98 | 1.21922 |
| 421134.21 | 3764452.98 | 1.24722 | 421180.72 | 3764439.50 | 1.41366 |
| 421220.72 | 3764439.50 | 1.69469 | 420737.00 | 3764452.99 | 0.90555 |

| | | | | | |
|---|---|---|---|---|---|
| 420780.72 | 3764459.50 | 0.90671 | 420820.72 | 3764459.50 | 0.93114 |
| 420920.72 | 3764459.50 | 0.96173 | 421134.21 | 3764472.98 | 1.10750 |
| 421180.72 | 3764459.50 | 1.25993 | 421200.72 | 3764459.50 | 1.29497 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 1.65224 | 421252.35 | 3764459.04 | 1.66535 |
| 421293.28 | 3764448.34 | 1.90356 | 420737.00 | 3764472.99 | 0.84360 |
| 420820.72 | 3764479.50 | 0.86090 | 420871.79 | 3764475.04 | 0.85412 |
| 420920.72 | 3764479.50 | 0.87130 | 421180.72 | 3764479.50 | 1.12954 |
| 421200.72 | 3764479.50 | 1.14708 | 421260.72 | 3764479.50 | 1.49968 |
| 421280.72 | 3764479.50 | 1.60143 | 420737.00 | 3764492.99 | 0.78759 |
| 420767.69 | 3764492.53 | 0.79826 | 420820.72 | 3764499.50 | 0.79713 |
| 420871.79 | 3764495.04 | 0.78263 | 420920.72 | 3764499.50 | 0.80102 |
| 421114.21 | 3764512.98 | 0.81442 | 421134.21 | 3764512.98 | 0.85611 |
| 421200.72 | 3764499.50 | 1.03516 | 421280.72 | 3764499.50 | 1.45903 |
| 420730.48 | 3764507.70 | 0.74899 | 420767.69 | 3764512.53 | 0.74338 |
| 420820.72 | 3764519.50 | 0.73784 | 420871.79 | 3764515.04 | 0.72106 |
| 420920.72 | 3764519.50 | 0.72851 | 421000.26 | 3764522.29 | 0.62729 |
| 421020.26 | 3764522.29 | 0.63842 | 421040.26 | 3764522.29 | 0.66353 |
| 421060.26 | 3764522.29 | 0.69238 | 421080.26 | 3764522.29 | 0.72455 |
| 421200.72 | 3764519.50 | 0.94708 | 421280.72 | 3764519.50 | 1.33198 |
| 420730.48 | 3764527.70 | 0.70308 | 420767.69 | 3764532.53 | 0.69417 |
| 420820.72 | 3764539.50 | 0.68498 | 420860.72 | 3764539.50 | 0.65778 |
| 420920.72 | 3764539.50 | 0.66430 | 420980.72 | 3764539.50 | 0.56610 |
| 421160.72 | 3764539.50 | 0.81619 | 421180.72 | 3764539.50 | 0.84873 |
| 421280.72 | 3764539.50 | 1.21950 | 420860.72 | 3764559.50 | 0.60932 |
| 420909.07 | 3764562.58 | 0.61098 | 420980.72 | 3764559.50 | 0.53117 |
| 421040.72 | 3764559.50 | 0.57615 | 421080.72 | 3764559.50 | 0.63804 |
| 421100.72 | 3764559.50 | 0.66337 | 421120.72 | 3764559.50 | 0.69131 |
| 421140.72 | 3764559.50 | 0.71991 | 421160.72 | 3764559.50 | 0.75011 |
| 420960.72 | 3764579.50 | 0.50410 | 421020.72 | 3764579.50 | 0.52600 |
| 420680.84 | 3764330.64 | 1.49720 | 420720.84 | 3764330.64 | 1.54823 |
| 420660.84 | 3764350.64 | 1.35104 | 420692.00 | 3764425.97 | 1.02307 |
| 420720.84 | 3764350.64 | 1.41582 | 420660.84 | 3764370.64 | 1.18923 |
| 420700.84 | 3764370.64 | 1.27759 | 420700.84 | 3764390.64 | 1.17751 |
| 420700.84 | 3764410.64 | 1.08976 | 420680.84 | 3764450.64 | 0.88814 |
| 420680.84 | 3764470.64 | 0.82771 | 420680.84 | 3764490.64 | 0.77328 |
| 420101.08 | 3763674.83 | 1.82078 | 420083.47 | 3763665.61 | 1.74981 |
| 420070.89 | 3763688.25 | 1.68291 | 420083.05 | 3763697.47 | 1.72587 |
| 420043.64 | 3763644.22 | 1.60466 | 420057.47 | 3763625.35 | 1.66550 |
| 420067.12 | 3763611.93 | 1.70849 | 420079.70 | 3763600.61 | 1.76304 |
| 420101.50 | 3763588.45 | 1.85962 | 420107.79 | 3763573.35 | 1.88969 |

| | | | | | |
|---|---|---|---|---|---|
| 420119.53 | 3763558.68 | 1.94382 | 420130.02 | 3763541.07 | 1.99114 |
| 420141.76 | 3763528.91 | 2.04405 | 420177.06 | 3763505.07 | 2.21120 |
| 420182.52 | 3763490.53 | 2.22839 | 420189.79 | 3763470.23 | 2.24678 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.31085 | 420211.91 | 3763443.87 | 2.32898 |
| 420221.30 | 3763427.51 | 2.35208 | 420233.11 | 3763414.79 | 2.38999 |
| 420187.06 | 3763375.10 | 2.11243 | 420174.04 | 3763398.73 | 2.05800 |
| 420159.80 | 3763419.94 | 1.98888 | 420144.65 | 3763435.69 | 1.92651 |
| 420157.37 | 3763449.33 | 2.01112 | 420203.21 | 3763366.33 | 2.16878 |
| 420212.30 | 3763349.37 | 2.17778 | 420110.79 | 3763789.57 | 1.70069 |
| 420095.76 | 3763777.27 | 1.65311 | 420082.79 | 3763760.88 | 1.62487 |
| 420069.13 | 3763754.06 | 1.57664 | 420054.11 | 3763743.13 | 1.52908 |
| 420101.91 | 3763822.34 | 1.62695 | 420083.47 | 3763829.85 | 1.54414 |
| 420062.30 | 3763818.25 | 1.48373 | 420054.11 | 3763806.64 | 1.46900 |
| 420037.04 | 3763795.71 | 1.42476 | 420087.94 | 3763866.45 | 1.51334 |
| 420066.97 | 3763858.48 | 1.45112 | 420049.36 | 3763847.57 | 1.40828 |
| 420032.58 | 3763850.93 | 1.35363 | 420490.31 | 3764285.91 | 1.42946 |
| 420510.31 | 3764285.91 | 1.46980 | 420530.31 | 3764285.91 | 1.56941 |
| 420550.31 | 3764285.91 | 1.61037 | 420570.31 | 3764285.91 | 1.65046 |
| 420590.31 | 3764285.91 | 1.68939 | 420610.31 | 3764285.91 | 1.72712 |
| 420390.31 | 3764305.91 | 1.16035 | 420410.31 | 3764305.91 | 1.19274 |
| 420430.31 | 3764305.91 | 1.22653 | 420450.31 | 3764305.91 | 1.25898 |
| 420470.31 | 3764305.91 | 1.29164 | 420490.31 | 3764305.91 | 1.32457 |
| 420510.31 | 3764305.91 | 1.35759 | 420530.31 | 3764305.91 | 1.39061 |
| 420550.31 | 3764305.91 | 1.42507 | 420570.31 | 3764305.91 | 1.51403 |
| 420590.31 | 3764305.91 | 1.54564 | 420610.31 | 3764305.91 | 1.57596 |
| 420390.31 | 3764325.91 | 1.08935 | 420410.31 | 3764325.91 | 1.11714 |
| 420430.31 | 3764325.91 | 1.14656 | 420450.31 | 3764325.91 | 1.17365 |
| 420470.31 | 3764325.91 | 1.20196 | 420490.31 | 3764325.91 | 1.22968 |
| 420510.31 | 3764325.91 | 1.25667 | 420530.31 | 3764325.91 | 1.28337 |
| 420550.31 | 3764325.91 | 1.31235 | 420570.31 | 3764325.91 | 1.39272 |
| 420590.31 | 3764325.91 | 1.41885 | 420410.31 | 3764345.91 | 1.04910 |
| 420430.31 | 3764345.91 | 1.07233 | 420450.31 | 3764345.91 | 1.09445 |
| 420470.31 | 3764345.91 | 1.11706 | 420490.31 | 3764345.91 | 1.14164 |
| 420510.31 | 3764345.91 | 1.16707 | 420530.31 | 3764345.91 | 1.18942 |
| 420550.31 | 3764345.91 | 1.21241 | 420570.31 | 3764345.91 | 1.23494 |
| 420430.31 | 3764365.91 | 1.00500 | 420450.31 | 3764365.91 | 1.02367 |
| 420470.31 | 3764365.91 | 1.04225 | 420490.31 | 3764365.91 | 1.06233 |
| 420510.31 | 3764365.91 | 1.08398 | 420530.31 | 3764365.91 | 1.10513 |
| 420550.31 | 3764365.91 | 1.12377 | 420570.31 | 3764365.91 | 1.14080 |
| 420450.31 | 3764385.91 | 0.96006 | 420470.31 | 3764385.91 | 0.97528 |

| | | | | | |
|---|---|---|---|---|---|
| 420490.31 | 3764385.91 | 0.99052 | 420510.31 | 3764385.91 | 1.00748 |
| 420530.31 | 3764385.91 | 1.02869 | 420550.31 | 3764385.91 | 1.04426 |
| 420470.31 | 3764405.91 | 0.91385 | 420490.31 | 3764405.91 | 0.92709 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.94084 | 420530.31 | 3764405.91 | 0.95675 |
| 420490.31 | 3764425.91 | 0.86810 | 420510.31 | 3764425.91 | 0.87854 |
| 420504.61 | 3764167.94 | 2.48145 | 420511.08 | 3764158.02 | 2.63462 |
| 420524.44 | 3764147.67 | 2.86130 | 420535.23 | 3764136.03 | 3.11544 |
| 420493.83 | 3764108.43 | 3.10275 | 420483.05 | 3764124.38 | 2.81084 |
| 420469.25 | 3764140.34 | 2.53521 | 420454.16 | 3764160.60 | 2.25400 |
| 420443.38 | 3764173.11 | 2.09543 | 420427.85 | 3764193.38 | 1.87951 |
| 420417.51 | 3764210.62 | 1.73133 | 420405.86 | 3764224.42 | 1.55358 |
| 420389.91 | 3764241.24 | 1.42727 | 420379.13 | 3764258.92 | 1.32317 |
| 420362.74 | 3764275.31 | 1.22471 | 420351.10 | 3764286.95 | 1.16107 |
| 420518.84 | 3764071.76 | 3.96081 | 420534.99 | 3764080.89 | 4.04466 |
| 420548.34 | 3764092.83 | 4.01544 | 420571.51 | 3764110.38 | 3.97834 |
| 420591.17 | 3764123.02 | 3.95834 | 420605.91 | 3764135.66 | 3.84190 |
| 420622.06 | 3764145.49 | 3.78443 | 420640.32 | 3764160.23 | 3.61077 |
| 420614.34 | 3764193.23 | 2.80133 | 420580.63 | 3764167.96 | 2.98952 |
| 420565.89 | 3764182.00 | 2.68591 | 420553.95 | 3764191.13 | 2.50051 |
| 420597.49 | 3764203.77 | 2.55880 | 420591.87 | 3764223.43 | 2.28761 |
| 420539.91 | 3764200.26 | 2.32392 | 420606.61 | 3764240.98 | 2.14148 |
| 420629.08 | 3764250.81 | 2.10066 | 420648.74 | 3764238.87 | 2.29492 |
| 420651.55 | 3764222.73 | 2.52189 | 420660.68 | 3764207.98 | 2.78662 |
| 420667.00 | 3764195.34 | 3.04352 | 420681.74 | 3764181.30 | 3.42480 |
| 420712.64 | 3764215.70 | 2.86295 | 420695.09 | 3764229.75 | 2.56438 |
| 420732.30 | 3764227.64 | 2.72741 | 420747.05 | 3764238.17 | 2.60726 |
| 420767.41 | 3764245.19 | 2.57083 | 420681.04 | 3764247.30 | 2.27731 |
| 420668.40 | 3764264.85 | 2.04080 | 420655.06 | 3764283.11 | 1.83335 |
| 420641.02 | 3764297.86 | 1.68392 | 420638.21 | 3764314.71 | 1.55439 |
| 420629.08 | 3764330.86 | 1.43610 | 420619.25 | 3764349.11 | 1.26723 |
| 420605.91 | 3764381.41 | 1.10024 | 420599.59 | 3764395.46 | 1.03914 |
| 420572.91 | 3764397.56 | 1.01338 | 420563.78 | 3764415.82 | 0.94268 |
| 420537.80 | 3764434.78 | 0.86292 | 420556.76 | 3764436.18 | 0.86585 |
| 420575.72 | 3764441.10 | 0.85643 | 420589.76 | 3764450.93 | 0.83438 |
| 420638.21 | 3764481.82 | 0.77353 | 420641.02 | 3764463.56 | 0.82569 |
| 420648.74 | 3764446.01 | 0.88218 | 420652.96 | 3764423.54 | 0.96208 |
| 420652.96 | 3764410.90 | 1.01007 | 420650.85 | 3764387.03 | 1.10782 |
| 420295.36 | 3764152.91 | 1.52145 | 420331.87 | 3764188.02 | 1.49839 |
| 420353.64 | 3764208.38 | 1.47325 | 420339.59 | 3764226.64 | 1.35887 |
| 420327.66 | 3764237.87 | 1.28664 | 420317.83 | 3764252.62 | 1.21373 |

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|---|---|---|---|---|---|
| 420300.27 | 3764231.55 | 1.24526 | 420285.53 | 3764216.81 | 1.26009 |
| 420271.48 | 3764206.28 | 1.25931 | 420260.25 | 3764195.04 | 1.26698 |
| 420283.42 | 3764171.17 | 1.41539 | 420268.56 | 3763810.41 | 2.70545 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 2.29825 | 420470.31 | 3764185.91 | 2.12348 |
| 420490.31 | 3764185.91 | 2.22191 | 420450.31 | 3764205.91 | 1.88317 |
| 420470.31 | 3764205.91 | 1.96268 | 420490.31 | 3764205.91 | 2.04536 |
| 420510.31 | 3764205.91 | 2.13137 | 420530.31 | 3764205.91 | 2.22045 |
| 420430.31 | 3764225.91 | 1.62099 | 420450.31 | 3764225.91 | 1.74784 |
| 420470.31 | 3764225.91 | 1.81533 | 420490.31 | 3764225.91 | 1.88491 |
| 420510.31 | 3764225.91 | 1.95631 | 420530.31 | 3764225.91 | 2.02949 |
| 420550.31 | 3764225.91 | 2.10308 | 420410.31 | 3764245.91 | 1.45673 |
| 420430.31 | 3764245.91 | 1.50999 | 420450.31 | 3764245.91 | 1.56359 |
| 420470.31 | 3764245.91 | 1.68076 | 420490.31 | 3764245.91 | 1.73905 |
| 420510.31 | 3764245.91 | 1.79840 | 420530.31 | 3764245.91 | 1.85891 |
| 420550.31 | 3764245.91 | 1.91911 | 420570.31 | 3764245.91 | 1.97969 |
| 420410.31 | 3764265.91 | 1.36268 | 420430.31 | 3764265.91 | 1.40746 |
| 420450.31 | 3764265.91 | 1.45338 | 420470.31 | 3764265.91 | 1.49979 |
| 420490.31 | 3764265.91 | 1.54652 | 420510.31 | 3764265.91 | 1.65611 |
| 420530.31 | 3764265.91 | 1.70625 | 420550.31 | 3764265.91 | 1.75570 |
| 420570.31 | 3764265.91 | 1.80469 | 420590.31 | 3764265.91 | 1.85325 |
| 420610.31 | 3764265.91 | 1.90114 | 420390.31 | 3764285.91 | 1.23679 |
| 420410.31 | 3764285.91 | 1.27469 | 420430.31 | 3764285.91 | 1.31325 |
| 420450.31 | 3764285.91 | 1.35201 | 420470.31 | 3764285.91 | 1.39020 |
| 420162.22 | 3763820.99 | 1.88577 | 420180.57 | 3763830.04 | 1.96264 |
| 420200.57 | 3763830.04 | 2.07348 | 420200.57 | 3763850.04 | 2.03553 |
| 420220.57 | 3763850.04 | 2.15358 | 420240.57 | 3763850.04 | 2.28579 |
| 420160.57 | 3763870.04 | 1.78819 | 420180.57 | 3763870.04 | 1.88610 |
| 420220.57 | 3763870.04 | 2.10750 | 420240.57 | 3763870.04 | 2.23293 |
| 420260.57 | 3763870.04 | 2.37410 | 420160.57 | 3763890.04 | 1.74763 |
| 420200.57 | 3763890.04 | 1.94569 | 420260.57 | 3763890.04 | 2.31536 |
| 420280.57 | 3763890.04 | 2.46034 | 420140.57 | 3763910.04 | 1.62353 |
| 420200.57 | 3763910.04 | 1.89342 | 420220.57 | 3763910.04 | 2.00476 |
| 420280.57 | 3763910.04 | 2.39436 | 420300.57 | 3763910.04 | 2.54944 |
| 420160.57 | 3763930.04 | 1.65972 | 420180.57 | 3763930.04 | 1.74477 |
| 420220.57 | 3763930.04 | 1.94545 | 420240.57 | 3763930.04 | 2.05882 |
| 420260.57 | 3763930.04 | 2.18640 | 420320.57 | 3763930.04 | 2.63363 |
| 420340.57 | 3763930.04 | 2.81670 | 420120.57 | 3763950.04 | 1.46484 |
| 420140.57 | 3763950.04 | 1.53541 | 420200.57 | 3763950.04 | 1.78629 |
| 420220.57 | 3763950.04 | 1.88354 | 420260.57 | 3763950.04 | 2.11224 |
| 420280.57 | 3763950.04 | 2.24405 | 420340.57 | 3763950.04 | 2.71657 |

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|---|---|---|---|---|---|
| 420360.57 | 3763950.04 | 2.91125 | 420120.57 | 3763970.04 | 1.42304 |
| 420140.57 | 3763970.04 | 1.49013 | 420160.57 | 3763970.04 | 1.56579 |
| 420240.57 | 3763970.04 | 1.92394 | 420300.57 | 3763970.04 | 2.29834 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.60969 | 420360.57 | 3763970.04 | 2.79315 |
| 420100.57 | 3763990.04 | 1.32268 | 420120.57 | 3763990.04 | 1.38138 |
| 420160.57 | 3763990.04 | 1.51518 | 420180.57 | 3763990.04 | 1.59319 |
| 420240.57 | 3763990.04 | 1.85724 | 420260.57 | 3763990.04 | 1.95944 |
| 420280.57 | 3763990.04 | 2.07601 | 420340.57 | 3763990.04 | 2.49970 |
| 420120.57 | 3764010.04 | 1.33910 | 420140.57 | 3764010.04 | 1.39944 |
| 420160.57 | 3764010.04 | 1.46801 | 420200.57 | 3764010.04 | 1.61663 |
| 420220.57 | 3764010.04 | 1.69916 | 420280.57 | 3764010.04 | 1.99491 |
| 420320.57 | 3764010.04 | 2.24321 | 420400.57 | 3764010.04 | 2.90420 |
| 420420.57 | 3764010.04 | 3.11967 | 420440.57 | 3764010.04 | 3.36103 |
| 420180.57 | 3764030.04 | 1.48475 | 420200.57 | 3764030.04 | 1.55532 |
| 420240.57 | 3764030.04 | 1.72070 | 420300.57 | 3764030.04 | 2.02433 |
| 420320.57 | 3764030.04 | 2.14157 | 420400.57 | 3764030.04 | 2.74601 |
| 420440.57 | 3764030.04 | 3.16116 | 420460.57 | 3764030.04 | 3.41014 |
| 420180.57 | 3764050.04 | 1.42762 | 420200.57 | 3764050.04 | 1.49424 |
| 420240.57 | 3764050.04 | 1.64813 | 420280.57 | 3764050.04 | 1.82980 |
| 420380.57 | 3764050.04 | 2.42958 | 420480.57 | 3764050.04 | 3.42742 |
| 420200.57 | 3764070.04 | 1.43655 | 420220.57 | 3764070.04 | 1.50675 |
| 420260.57 | 3764070.04 | 1.66078 | 420280.57 | 3764070.04 | 1.74411 |
| 420360.57 | 3764070.04 | 2.16633 | 420420.57 | 3764070.04 | 2.59745 |
| 420440.57 | 3764070.04 | 2.77050 | 420260.57 | 3764090.04 | 1.58459 |
| 420340.57 | 3764090.04 | 1.93862 | 420400.57 | 3764090.04 | 2.29476 |
| 420420.57 | 3764090.04 | 2.43182 | 420440.57 | 3764090.04 | 2.58579 |
| 420460.57 | 3764090.04 | 2.76003 | 420260.57 | 3764110.04 | 1.50906 |
| 420340.57 | 3764110.04 | 1.83440 | 420400.57 | 3764110.04 | 2.15121 |
| 420420.57 | 3764110.04 | 2.27609 | 420440.57 | 3764110.04 | 2.41346 |
| 420320.57 | 3764130.04 | 1.65057 | 420380.57 | 3764130.04 | 1.91676 |
| 420400.57 | 3764130.04 | 2.01764 | 420420.57 | 3764130.04 | 2.12980 |
| 420360.57 | 3764150.04 | 1.71872 | 420400.57 | 3764150.04 | 1.89172 |
| 420340.57 | 3764170.04 | 1.54896 | 420380.57 | 3764170.04 | 1.69282 |
| 420400.57 | 3764170.04 | 1.77373 | 420380.57 | 3764190.04 | 1.59117 |
| 420714.65 | 3764272.44 | 1.86307 | 420734.65 | 3764284.40 | 1.77655 |
| 420754.65 | 3764284.40 | 1.80808 | 420280.59 | 3763433.11 | 2.68367 |
| 420260.59 | 3763453.11 | 2.60910 | 420260.59 | 3763473.11 | 2.62326 |
| 420233.62 | 3763487.75 | 2.46088 | 420253.62 | 3763507.75 | 2.61086 |
| 420200.59 | 3763533.11 | 2.28495 | 420223.55 | 3763541.34 | 2.43028 |
| 420240.59 | 3763533.11 | 2.53903 | 420179.16 | 3763563.83 | 2.16562 |

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|---|---|---|---|---|---|
| 420200.59 | 3763573.11 | 2.28843 | 420234.64 | 3763578.58 | 2.51732 |
| 420200.59 | 3763593.11 | 2.29019 | 420160.59 | 3763613.11 | 2.06170 |
| 420138.25 | 3763640.23 | 1.93790 | 420200.59 | 3763613.11 | 2.29127 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.16465 | 420172.25 | 3763655.96 | 2.10802 |
| 420160.59 | 3763673.11 | 2.03684 | 420160.59 | 3763693.11 | 2.02550 |
| 420092.84 | 3763719.31 | 1.68872 | 420140.59 | 3763713.11 | 1.90815 |
| 420120.59 | 3763733.11 | 1.79801 | 420804.93 | 3764263.30 | 2.13131 |
| 420820.93 | 3764270.66 | 2.08208 | 420839.88 | 3764276.55 | 2.06372 |
| 420860.72 | 3764279.50 | 2.08758 | 420880.72 | 3764279.50 | 2.15716 |
| 420892.72 | 3764288.76 | 2.06951 | 420900.72 | 3764299.50 | 1.98075 |
| 420920.72 | 3764299.50 | 2.06524 | 420980.72 | 3764299.50 | 2.38667 |
| 420740.72 | 3764319.50 | 1.49884 | 420780.72 | 3764319.50 | 1.54433 |
| 420800.72 | 3764319.50 | 1.56681 | 420820.72 | 3764319.50 | 1.59590 |
| 420840.72 | 3764319.50 | 1.62974 | 420940.72 | 3764319.50 | 1.90125 |
| 420980.72 | 3764319.50 | 2.07334 | 421003.29 | 3764310.49 | 2.31503 |
| 421023.29 | 3764310.49 | 2.38760 | 421043.29 | 3764310.49 | 2.50050 |
| 421063.29 | 3764310.49 | 2.61227 | 421083.29 | 3764310.49 | 2.72496 |
| 421103.29 | 3764310.49 | 2.83974 | 421123.29 | 3764310.49 | 2.95517 |
| 421143.29 | 3764310.49 | 3.06268 | 421163.29 | 3764310.49 | 3.16269 |
| 421183.29 | 3764310.49 | 3.25399 | 421203.29 | 3764310.49 | 3.33940 |
| 421223.29 | 3764310.49 | 3.42488 | 421243.29 | 3764310.49 | 3.48768 |
| 421263.29 | 3764310.49 | 3.53870 | 421283.29 | 3764310.49 | 3.57962 |
| 421303.29 | 3764310.49 | 3.61283 | 420760.72 | 3764339.50 | 1.38590 |
| 420860.72 | 3764339.50 | 1.51083 | 420880.72 | 3764339.50 | 1.54891 |
| 420920.72 | 3764339.50 | 1.64345 | 420980.72 | 3764339.50 | 1.81724 |
| 420700.42 | 3764305.37 | 1.54776 | 420780.72 | 3764359.50 | 1.28026 |
| 420800.72 | 3764359.50 | 1.29712 | 420823.92 | 3764366.20 | 1.28162 |
| 420920.72 | 3764359.50 | 1.46406 | 420980.72 | 3764359.50 | 1.59638 |
| 421010.96 | 3764363.22 | 1.67295 | 421030.96 | 3764363.22 | 1.74545 |
| 421050.96 | 3764363.22 | 1.81492 | 421070.96 | 3764363.22 | 1.88814 |
| 421090.96 | 3764363.22 | 1.96199 | 421110.96 | 3764363.22 | 2.03741 |
| 421130.96 | 3764363.22 | 2.10903 | 421150.96 | 3764363.22 | 2.18014 |
| 421170.96 | 3764363.22 | 2.27461 | 421190.96 | 3764368.75 | 2.26616 |
| 421210.17 | 3764368.36 | 2.34823 | 421230.17 | 3764368.36 | 2.42709 |
| 421250.17 | 3764368.36 | 2.49439 | 421270.17 | 3764368.36 | 2.55314 |
| 421290.17 | 3764368.36 | 2.60834 | 421310.17 | 3764368.36 | 2.66011 |
| 420843.63 | 3764371.64 | 1.26854 | 420860.72 | 3764379.50 | 1.24016 |
| 420880.72 | 3764379.50 | 1.25494 | 420898.39 | 3764385.33 | 1.23621 |
| 420980.72 | 3764379.50 | 1.40498 | 420760.72 | 3764399.50 | 1.07019 |
| 420780.72 | 3764399.50 | 1.08208 | 420920.72 | 3764399.50 | 1.18392 |

| | | | | | |
|---|---|---|---|---|---|
| 420940.72 | 3764399.50 | 1.22031 | 420980.72 | 3764399.50 | 1.24454 |
| 420746.30 | 3764412.53 | 1.00811 | 420780.72 | 3764419.50 | 0.99604 |
| 420820.72 | 3764419.50 | 1.02657 | 420840.72 | 3764419.50 | 1.03823 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.09924 | 420980.72 | 3764419.50 | 1.11429 |
| 421013.06 | 3764405.83 | 1.23526 | 421033.06 | 3764405.83 | 1.26334 |
| 421053.06 | 3764405.83 | 1.30272 | 421073.06 | 3764405.83 | 1.34430 |
| 421093.06 | 3764405.83 | 1.38591 | 421113.06 | 3764405.83 | 1.42744 |
| 421133.06 | 3764405.83 | 1.46670 | 421160.72 | 3764419.50 | 1.39134 |
| 421180.72 | 3764419.50 | 1.44527 | 421220.72 | 3764419.50 | 1.72709 |
| 421233.28 | 3764408.34 | 1.90472 | 421253.28 | 3764408.34 | 1.96499 |
| 421273.28 | 3764408.34 | 2.03519 | 421293.28 | 3764408.34 | 2.09224 |
| 420746.30 | 3764432.53 | 0.93229 | 420780.72 | 3764439.50 | 0.92305 |
| 420820.72 | 3764439.50 | 0.94861 | 420860.72 | 3764439.50 | 0.96421 |
| 420880.72 | 3764439.50 | 0.97415 | 420940.72 | 3764439.50 | 1.00488 |
| 420980.72 | 3764439.50 | 1.00880 | 420994.21 | 3764452.98 | 0.96090 |
| 421014.21 | 3764452.98 | 0.98155 | 421034.21 | 3764452.98 | 1.00358 |
| 421054.21 | 3764452.98 | 1.02882 | 421074.21 | 3764452.98 | 1.05746 |
| 421094.21 | 3764452.98 | 1.08803 | 421114.21 | 3764452.98 | 1.11624 |
| 421134.21 | 3764452.98 | 1.13958 | 421180.72 | 3764439.50 | 1.28390 |
| 421220.72 | 3764439.50 | 1.53781 | 420737.00 | 3764452.99 | 0.86138 |
| 420780.72 | 3764459.50 | 0.85918 | 420820.72 | 3764459.50 | 0.87663 |
| 420920.72 | 3764459.50 | 0.89415 | 421134.21 | 3764472.98 | 1.01190 |
| 421180.72 | 3764459.50 | 1.14596 | 421200.72 | 3764459.50 | 1.17686 |
| 421233.28 | 3764448.34 | 1.50079 | 421252.35 | 3764459.04 | 1.50466 |
| 421293.28 | 3764448.34 | 1.71311 | 420737.00 | 3764472.99 | 0.80376 |
| 420820.72 | 3764479.50 | 0.81197 | 420871.79 | 3764475.04 | 0.79799 |
| 420920.72 | 3764479.50 | 0.81015 | 421180.72 | 3764479.50 | 1.02860 |
| 421200.72 | 3764479.50 | 1.04198 | 421260.72 | 3764479.50 | 1.36332 |
| 421280.72 | 3764479.50 | 1.44193 | 420737.00 | 3764492.99 | 0.75139 |
| 420767.69 | 3764492.53 | 0.75950 | 420820.72 | 3764499.50 | 0.75409 |
| 420871.79 | 3764495.04 | 0.72998 | 420920.72 | 3764499.50 | 0.74510 |
| 421114.21 | 3764512.98 | 0.73687 | 421134.21 | 3764512.98 | 0.77632 |
| 421200.72 | 3764499.50 | 0.94138 | 421280.72 | 3764499.50 | 1.31524 |
| 420730.48 | 3764507.70 | 0.71560 | 420767.69 | 3764512.53 | 0.70906 |
| 420820.72 | 3764519.50 | 0.70005 | 420871.79 | 3764515.04 | 0.67148 |
| 420920.72 | 3764519.50 | 0.67547 | 421000.26 | 3764522.29 | 0.56615 |
| 421020.26 | 3764522.29 | 0.57643 | 421040.26 | 3764522.29 | 0.59905 |
| 421060.26 | 3764522.29 | 0.62521 | 421080.26 | 3764522.29 | 0.65472 |
| 421200.72 | 3764519.50 | 0.86306 | 421280.72 | 3764519.50 | 1.20311 |
| 420730.48 | 3764527.70 | 0.67273 | 420767.69 | 3764532.53 | 0.66354 |

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|---|---|---|---|---|---|
| 420820.72 | 3764539.50 | 0.65051 | 420860.72 | 3764539.50 | 0.61323 |
| 420920.72 | 3764539.50 | 0.61338 | 420980.72 | 3764539.50 | 0.51184 |
| 421160.72 | 3764539.50 | 0.74438 | 421180.72 | 3764539.50 | 0.77524 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 1.10430 | 420860.72 | 3764559.50 | 0.56660 |
| 420909.07 | 3764562.58 | 0.56501 | 420980.72 | 3764559.50 | 0.48106 |
| 421040.72 | 3764559.50 | 0.52199 | 421080.72 | 3764559.50 | 0.57885 |
| 421100.72 | 3764559.50 | 0.60246 | 421120.72 | 3764559.50 | 0.62871 |
| 421140.72 | 3764559.50 | 0.65587 | 421160.72 | 3764559.50 | 0.68468 |
| 420960.72 | 3764579.50 | 0.45679 | 421020.72 | 3764579.50 | 0.47724 |
| 420680.84 | 3764330.64 | 1.35253 | 420720.84 | 3764330.64 | 1.39573 |
| 420660.84 | 3764350.64 | 1.22424 | 420692.00 | 3764425.97 | 0.93224 |
| 420720.84 | 3764350.64 | 1.28330 | 420660.84 | 3764370.64 | 1.12497 |
| 420700.84 | 3764370.64 | 1.15652 | 420700.84 | 3764390.64 | 1.06782 |
| 420700.84 | 3764410.64 | 0.99150 | 420680.84 | 3764450.64 | 0.84582 |
| 420680.84 | 3764470.64 | 0.78927 | 420680.84 | 3764490.64 | 0.73856 |
| 420101.08 | 3763674.83 | 1.75455 | 420083.47 | 3763665.61 | 1.68731 |
| 420070.89 | 3763688.25 | 1.62575 | 420083.05 | 3763697.47 | 1.66618 |
| 420043.64 | 3763644.22 | 1.54770 | 420057.47 | 3763625.35 | 1.60377 |
| 420067.12 | 3763611.93 | 1.64298 | 420079.70 | 3763600.61 | 1.69384 |
| 420101.50 | 3763588.45 | 1.78638 | 420107.79 | 3763573.35 | 1.81446 |
| 420119.53 | 3763558.68 | 1.86734 | 420130.02 | 3763541.07 | 1.91324 |
| 420141.76 | 3763528.91 | 1.96691 | 420177.06 | 3763505.07 | 2.14128 |
| 420182.52 | 3763490.53 | 2.16202 | 420189.79 | 3763470.23 | 2.19300 |
| 420205.24 | 3763456.30 | 2.26866 | 420211.91 | 3763443.87 | 2.29421 |
| 420221.30 | 3763427.51 | 2.34780 | 420233.11 | 3763414.79 | 2.38636 |
| 420187.06 | 3763375.10 | 2.06843 | 420174.04 | 3763398.73 | 2.00513 |
| 420159.80 | 3763419.94 | 1.92566 | 420144.65 | 3763435.69 | 1.86300 |
| 420157.37 | 3763449.33 | 1.95278 | 420203.21 | 3763366.33 | 2.15489 |
| 420212.30 | 3763349.37 | 2.18237 | 420110.79 | 3763789.57 | 1.65613 |
| 420095.76 | 3763777.27 | 1.61116 | 420082.79 | 3763760.88 | 1.58863 |
| 420069.13 | 3763754.06 | 1.54055 | 420054.11 | 3763743.13 | 1.49316 |
| 420101.91 | 3763822.34 | 1.58721 | 420083.47 | 3763829.85 | 1.50561 |
| 420062.30 | 3763818.25 | 1.44824 | 420054.11 | 3763806.64 | 1.43435 |
| 420037.04 | 3763795.71 | 1.39234 | 420087.94 | 3763866.45 | 1.47735 |
| 420066.97 | 3763858.48 | 1.41716 | 420049.36 | 3763847.57 | 1.37663 |
| 420032.58 | 3763850.93 | 1.32458 | 420490.31 | 3764285.91 | 1.37284 |
| 420510.31 | 3764285.91 | 1.40831 | 420530.31 | 3764285.91 | 1.44390 |
| 420550.31 | 3764285.91 | 1.47917 | 420570.31 | 3764285.91 | 1.51263 |
| 420590.31 | 3764285.91 | 1.54406 | 420610.31 | 3764285.91 | 1.57351 |
| 420390.31 | 3764305.91 | 1.12491 | 420410.31 | 3764305.91 | 1.15472 |

| | | | | | |
|---|---|---|---|---|---|
| 420430.31 | 3764305.91 | 1.18554 | 420450.31 | 3764305.91 | 1.21452 |
| 420470.31 | 3764305.91 | 1.24317 | 420490.31 | 3764305.91 | 1.27173 |
| 420510.31 | 3764305.91 | 1.30006 | 420530.31 | 3764305.91 | 1.32829 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.35814 | 420570.31 | 3764305.91 | 1.38626 |
| 420590.31 | 3764305.91 | 1.41107 | 420610.31 | 3764305.91 | 1.43238 |
| 420390.31 | 3764325.91 | 1.05639 | 420410.31 | 3764325.91 | 1.08143 |
| 420430.31 | 3764325.91 | 1.10821 | 420450.31 | 3764325.91 | 1.13178 |
| 420470.31 | 3764325.91 | 1.15633 | 420490.31 | 3764325.91 | 1.18004 |
| 420510.31 | 3764325.91 | 1.20265 | 420530.31 | 3764325.91 | 1.22485 |
| 420550.31 | 3764325.91 | 1.24999 | 420570.31 | 3764325.91 | 1.27388 |
| 420590.31 | 3764325.91 | 1.29404 | 420410.31 | 3764345.91 | 1.01574 |
| 420430.31 | 3764345.91 | 1.03595 | 420450.31 | 3764345.91 | 1.05456 |
| 420470.31 | 3764345.91 | 1.07359 | 420490.31 | 3764345.91 | 1.09464 |
| 420510.31 | 3764345.91 | 1.11661 | 420530.31 | 3764345.91 | 1.13497 |
| 420550.31 | 3764345.91 | 1.15433 | 420570.31 | 3764345.91 | 1.17364 |
| 420430.31 | 3764365.91 | 0.97044 | 420450.31 | 3764365.91 | 0.98587 |
| 420470.31 | 3764365.91 | 1.00103 | 420490.31 | 3764365.91 | 1.01772 |
| 420510.31 | 3764365.91 | 1.03616 | 420530.31 | 3764365.91 | 1.05436 |
| 420550.31 | 3764365.91 | 1.06986 | 420570.31 | 3764365.91 | 1.08373 |
| 420450.31 | 3764385.91 | 0.92425 | 420470.31 | 3764385.91 | 0.93627 |
| 420490.31 | 3764385.91 | 0.94832 | 420510.31 | 3764385.91 | 0.96224 |
| 420530.31 | 3764385.91 | 0.98131 | 420550.31 | 3764385.91 | 0.99428 |
| 420470.31 | 3764405.91 | 0.87687 | 420490.31 | 3764405.91 | 0.88733 |
| 420510.31 | 3764405.91 | 0.89840 | 420530.31 | 3764405.91 | 0.91182 |
| 420490.31 | 3764425.91 | 0.83051 | 420510.31 | 3764425.91 | 0.83859 |
| 420504.61 | 3764167.94 | 2.28956 | 420511.08 | 3764158.02 | 2.42883 |
| 420524.44 | 3764147.67 | 2.63299 | 420535.23 | 3764136.03 | 2.85863 |
| 420493.83 | 3764108.43 | 2.85108 | 420483.05 | 3764124.38 | 2.58689 |
| 420469.25 | 3764140.34 | 2.33776 | 420454.16 | 3764160.60 | 2.08364 |
| 420443.38 | 3764173.11 | 1.94094 | 420427.85 | 3764193.38 | 1.74210 |
| 420417.51 | 3764210.62 | 1.60705 | 420405.86 | 3764224.42 | 1.49861 |
| 420389.91 | 3764241.24 | 1.37943 | 420379.13 | 3764258.92 | 1.28087 |
| 420362.74 | 3764275.31 | 1.18751 | 420351.10 | 3764286.95 | 1.12685 |
| 420518.84 | 3764071.76 | 3.62452 | 420534.99 | 3764080.89 | 3.69402 |
| 420548.34 | 3764092.83 | 3.66471 | 420571.51 | 3764110.38 | 3.61209 |
| 420591.17 | 3764123.02 | 3.59908 | 420605.91 | 3764135.66 | 3.48538 |
| 420622.06 | 3764145.49 | 3.42867 | 420640.32 | 3764160.23 | 3.27648 |
| 420614.34 | 3764193.23 | 2.56270 | 420580.63 | 3764167.96 | 2.73082 |
| 420565.89 | 3764182.00 | 2.46566 | 420553.95 | 3764191.13 | 2.30103 |
| 420597.49 | 3764203.77 | 2.34167 | 420591.87 | 3764223.43 | 2.09938 |

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|---|---|---|---|---|---|
| 420539.91 | 3764200.26 | 2.14139 | 420606.61 | 3764240.98 | 1.96289 |
| 420629.08 | 3764250.81 | 1.92261 | 420648.74 | 3764238.87 | 2.08970 |
| 420651.55 | 3764222.73 | 2.29646 | 420660.68 | 3764207.98 | 2.52789 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_TR_ON ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.75653 | 420681.74 | 3764181.30 | 3.09682 |
| 420712.64 | 3764215.70 | 2.55981 | 420695.09 | 3764229.75 | 2.30404 |
| 420732.30 | 3764227.64 | 2.42842 | 420747.05 | 3764238.17 | 2.31877 |
| 420767.41 | 3764245.19 | 2.27858 | 420681.04 | 3764247.30 | 2.05306 |
| 420668.40 | 3764264.85 | 1.84361 | 420655.06 | 3764283.11 | 1.65874 |
| 420641.02 | 3764297.86 | 1.52578 | 420638.21 | 3764314.71 | 1.41035 |
| 420629.08 | 3764330.86 | 1.30470 | 420619.25 | 3764349.11 | 1.19967 |
| 420605.91 | 3764381.41 | 1.04263 | 420599.59 | 3764395.46 | 0.98567 |
| 420572.91 | 3764397.56 | 0.96232 | 420563.78 | 3764415.82 | 0.89610 |
| 420537.80 | 3764434.78 | 0.82121 | 420556.76 | 3764436.18 | 0.82273 |
| 420575.72 | 3764441.10 | 0.81286 | 420589.76 | 3764450.93 | 0.79237 |
| 420638.21 | 3764481.82 | 0.73756 | 420641.02 | 3764463.56 | 0.78629 |
| 420648.74 | 3764446.01 | 0.83881 | 420652.96 | 3764423.54 | 0.91307 |
| 420652.96 | 3764410.90 | 0.95820 | 420650.85 | 3764387.03 | 1.04966 |
| 420295.36 | 3764152.91 | 1.46457 | 420331.87 | 3764188.02 | 1.44445 |
| 420353.64 | 3764208.38 | 1.42135 | 420339.59 | 3764226.64 | 1.31346 |
| 420327.66 | 3764237.87 | 1.24495 | 420317.83 | 3764252.62 | 1.17608 |
| 420300.27 | 3764231.55 | 1.20452 | 420285.53 | 3764216.81 | 1.21776 |
| 420271.48 | 3764206.28 | 1.21596 | 420260.25 | 3764195.04 | 1.22260 |
| 420283.42 | 3764171.17 | 1.36448 | 420972.38 | 3763271.71 | 1.83267 |
| 420913.80 | 3763329.33 | 2.43573 | 420955.88 | 3763316.14 | 2.11746 |
| 421011.82 | 3763312.84 | 1.81817 | 420869.05 | 3763382.67 | 3.15728 |
| 420913.80 | 3763379.33 | 2.79177 | 420955.88 | 3763366.14 | 2.40037 |
| 421011.82 | 3763362.84 | 2.03891 | 420906.65 | 3763419.80 | 3.20859 |
| 420955.88 | 3763416.14 | 2.74813 | 421011.82 | 3763412.84 | 2.30680 |
| 421009.84 | 3763454.26 | 2.59090 | 420679.66 | 3764117.07 | 5.47620 |
| 420692.12 | 3764098.22 | 6.69547 | 420703.14 | 3764099.09 | 6.91035 |
| 420702.56 | 3764144.04 | 4.69488 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 2.28303 | 420180.57 | 3763830.04 | 2.39073 |
| 420200.57 | 3763830.04 | 2.53745 | 420200.57 | 3763850.04 | 2.49935 |
| 420220.57 | 3763850.04 | 2.65735 | 420240.57 | 3763850.04 | 2.83480 |
| 420160.57 | 3763870.04 | 2.19351 | 420180.57 | 3763870.04 | 2.31871 |
| 420220.57 | 3763870.04 | 2.60889 | 420240.57 | 3763870.04 | 2.77690 |
| 420260.57 | 3763870.04 | 2.96902 | 420160.57 | 3763890.04 | 2.15468 |
| 420200.57 | 3763890.04 | 2.41010 | 420260.57 | 3763890.04 | 2.89957 |
| 420280.57 | 3763890.04 | 3.09351 | 420140.57 | 3763910.04 | 2.01234 |
| 420200.57 | 3763910.04 | 2.33735 | 420220.57 | 3763910.04 | 2.49918 |
| 420280.57 | 3763910.04 | 3.01516 | 420300.57 | 3763910.04 | 3.21725 |
| 420160.57 | 3763930.04 | 2.04932 | 420180.57 | 3763930.04 | 2.14145 |
| 420220.57 | 3763930.04 | 2.41773 | 420240.57 | 3763930.04 | 2.56690 |
| 420260.57 | 3763930.04 | 2.74775 | 420320.57 | 3763930.04 | 3.32005 |
| 420340.57 | 3763930.04 | 3.56053 | 420120.57 | 3763950.04 | 1.81449 |
| 420140.57 | 3763950.04 | 1.89379 | 420200.57 | 3763950.04 | 2.21341 |
| 420220.57 | 3763950.04 | 2.32543 | 420260.57 | 3763950.04 | 2.64121 |
| 420280.57 | 3763950.04 | 2.82407 | 420340.57 | 3763950.04 | 3.42581 |
| 420360.57 | 3763950.04 | 3.68087 | 420120.57 | 3763970.04 | 1.76279 |
| 420140.57 | 3763970.04 | 1.84137 | 420160.57 | 3763970.04 | 1.95311 |
| 420240.57 | 3763970.04 | 2.38358 | 420300.57 | 3763970.04 | 2.89075 |
| 420340.57 | 3763970.04 | 3.28233 | 420360.57 | 3763970.04 | 3.51798 |
| 420100.57 | 3763990.04 | 1.66120 | 420120.57 | 3763990.04 | 1.72419 |
| 420160.57 | 3763990.04 | 1.88795 | 420180.57 | 3763990.04 | 2.00274 |
| 420240.57 | 3763990.04 | 2.31686 | 420260.57 | 3763990.04 | 2.43451 |
| 420280.57 | 3763990.04 | 2.58689 | 420340.57 | 3763990.04 | 3.14024 |
| 420120.57 | 3764010.04 | 1.68548 | 420140.57 | 3764010.04 | 1.75609 |
| 420160.57 | 3764010.04 | 1.85310 | 420200.57 | 3764010.04 | 2.04076 |
| 420220.57 | 3764010.04 | 2.13899 | 420280.57 | 3764010.04 | 2.50271 |
| 420320.57 | 3764010.04 | 2.81783 | 420400.57 | 3764010.04 | 3.58008 |
| 420420.57 | 3764010.04 | 3.82282 | 420440.57 | 3764010.04 | 4.08860 |
| 420180.57 | 3764030.04 | 1.88438 | 420200.57 | 3764030.04 | 1.96641 |
| 420240.57 | 3764030.04 | 2.18077 | 420300.57 | 3764030.04 | 2.56601 |
| 420320.57 | 3764030.04 | 2.69523 | 420400.57 | 3764030.04 | 3.37895 |
| 420440.57 | 3764030.04 | 3.83402 | 420460.57 | 3764030.04 | 4.09541 |

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|---|---|---|---|---|---|
| 420180.57 | 3764050.04 | 1.81314 | 420200.57 | 3764050.04 | 1.88856 |
| 420240.57 | 3764050.04 | 2.09396 | 420280.57 | 3764050.04 | 2.32775 |
| 420380.57 | 3764050.04 | 3.01217 | 420480.57 | 3764050.04 | 4.05735 |
| 420200.57 | 3764070.04 | 1.82998 | 420220.57 | 3764070.04 | 1.93578 |
| 420260.57 | 3764070.04 | 2.13016 | 420280.57 | 3764070.04 | 2.22488 |
| 420360.57 | 3764070.04 | 2.72068 | 420420.57 | 3764070.04 | 3.19197 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 3.37041 | 420260.57 | 3764090.04 | 2.04157 |
| 420340.57 | 3764090.04 | 2.46340 | 420400.57 | 3764090.04 | 2.86492 |
| 420420.57 | 3764090.04 | 3.00458 | 420440.57 | 3764090.04 | 3.16741 |
| 420460.57 | 3764090.04 | 3.35925 | 420260.57 | 3764110.04 | 1.92945 |
| 420340.57 | 3764110.04 | 2.34645 | 420400.57 | 3764110.04 | 2.70567 |
| 420420.57 | 3764110.04 | 2.84102 | 420440.57 | 3764110.04 | 2.99184 |
| 420320.57 | 3764130.04 | 2.10278 | 420380.57 | 3764130.04 | 2.45631 |
| 420400.57 | 3764130.04 | 2.56566 | 420420.57 | 3764130.04 | 2.69163 |
| 420360.57 | 3764150.04 | 2.22453 | 420400.57 | 3764150.04 | 2.43775 |
| 420340.57 | 3764170.04 | 2.01509 | 420380.57 | 3764170.04 | 2.19322 |
| 420400.57 | 3764170.04 | 2.31314 | 420380.57 | 3764190.04 | 2.08415 |
| 420714.65 | 3764272.44 | 2.59599 | 420734.65 | 3764284.40 | 2.51258 |
| 420754.65 | 3764284.40 | 2.52394 | 420280.59 | 3763433.11 | 2.95162 |
| 420260.59 | 3763453.11 | 2.84373 | 420260.59 | 3763473.11 | 2.89762 |
| 420233.62 | 3763487.75 | 2.71351 | 420253.62 | 3763507.75 | 2.92366 |
| 420200.59 | 3763533.11 | 2.54823 | 420223.55 | 3763541.34 | 2.73669 |
| 420240.59 | 3763533.11 | 2.86438 | 420179.16 | 3763563.83 | 2.43692 |
| 420200.59 | 3763573.11 | 2.60126 | 420234.64 | 3763578.58 | 2.89135 |
| 420200.59 | 3763593.11 | 2.62351 | 420160.59 | 3763613.11 | 2.35350 |
| 420138.25 | 3763640.23 | 2.22400 | 420200.59 | 3763613.11 | 2.64251 |
| 420180.59 | 3763633.11 | 2.50293 | 420172.25 | 3763655.96 | 2.45132 |
| 420160.59 | 3763673.11 | 2.37312 | 420160.59 | 3763693.11 | 2.37277 |
| 420092.84 | 3763719.31 | 1.96947 | 420140.59 | 3763713.11 | 2.23804 |
| 420120.59 | 3763733.11 | 2.11200 | 420804.93 | 3764263.30 | 2.71338 |
| 420820.93 | 3764270.66 | 2.63896 | 420839.88 | 3764276.55 | 2.57483 |
| 420860.72 | 3764279.50 | 2.53055 | 420880.72 | 3764279.50 | 2.50721 |
| 420892.72 | 3764288.76 | 2.40106 | 420900.72 | 3764299.50 | 2.32545 |
| 420920.72 | 3764299.50 | 2.30164 | 420980.72 | 3764299.50 | 2.20190 |
| 420740.72 | 3764319.50 | 2.25495 | 420780.72 | 3764319.50 | 2.26499 |
| 420800.72 | 3764319.50 | 2.26234 | 420820.72 | 3764319.50 | 2.25661 |
| 420840.72 | 3764319.50 | 2.24679 | 420940.72 | 3764319.50 | 2.12628 |
| 420980.72 | 3764319.50 | 2.06244 | 421003.29 | 3764310.49 | 2.07390 |
| 421023.29 | 3764310.49 | 1.99763 | 421043.29 | 3764310.49 | 1.94575 |
| 421063.29 | 3764310.49 | 1.89385 | 421083.29 | 3764310.49 | 1.83929 |

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|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 1.79809 | 421123.29 | 3764310.49 | 1.76111 |
| 421143.29 | 3764310.49 | 1.72348 | 421163.29 | 3764310.49 | 1.68651 |
| 421183.29 | 3764310.49 | 1.65042 | 421203.29 | 3764310.49 | 1.61507 |
| 421223.29 | 3764310.49 | 1.58092 | 421243.29 | 3764310.49 | 1.54581 |
| 421263.29 | 3764310.49 | 1.51320 | 421283.29 | 3764310.49 | 1.47946 |
| 421303.29 | 3764310.49 | 1.44895 | 420760.72 | 3764339.50 | 2.13254 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 2.10500 | 420880.72 | 3764339.50 | 2.08578 |
| 420920.72 | 3764339.50 | 2.03713 | 420980.72 | 3764339.50 | 1.91799 |
| 420700.42 | 3764305.37 | 2.29391 | 420780.72 | 3764359.50 | 2.00791 |
| 420800.72 | 3764359.50 | 1.99995 | 420823.92 | 3764366.20 | 1.95275 |
| 420920.72 | 3764359.50 | 1.88769 | 420980.72 | 3764359.50 | 1.73937 |
| 421010.96 | 3764363.22 | 1.70008 | 421030.96 | 3764363.22 | 1.68080 |
| 421050.96 | 3764363.22 | 1.64892 | 421070.96 | 3764363.22 | 1.62075 |
| 421090.96 | 3764363.22 | 1.59144 | 421110.96 | 3764363.22 | 1.56218 |
| 421130.96 | 3764363.22 | 1.53068 | 421150.96 | 3764363.22 | 1.49945 |
| 421170.96 | 3764363.22 | 1.48008 | 421190.96 | 3764368.75 | 1.43236 |
| 421210.17 | 3764368.36 | 1.41170 | 421230.17 | 3764368.36 | 1.38911 |
| 421250.17 | 3764368.36 | 1.36407 | 421270.17 | 3764368.36 | 1.33831 |
| 421290.17 | 3764368.36 | 1.31304 | 421310.17 | 3764368.36 | 1.28684 |
| 420843.63 | 3764371.64 | 1.89882 | 420860.72 | 3764379.50 | 1.83658 |
| 420880.72 | 3764379.50 | 1.75748 | 420898.39 | 3764385.33 | 1.69001 |
| 420980.72 | 3764379.50 | 1.60090 | 420760.72 | 3764399.50 | 1.78891 |
| 420780.72 | 3764399.50 | 1.78995 | 420920.72 | 3764399.50 | 1.59688 |
| 420940.72 | 3764399.50 | 1.59081 | 420980.72 | 3764399.50 | 1.46277 |
| 420746.30 | 3764412.53 | 1.71293 | 420780.72 | 3764419.50 | 1.67392 |
| 420820.72 | 3764419.50 | 1.69635 | 420840.72 | 3764419.50 | 1.67535 |
| 420940.72 | 3764419.50 | 1.47129 | 420980.72 | 3764419.50 | 1.35345 |
| 421013.06 | 3764405.83 | 1.35882 | 421033.06 | 3764405.83 | 1.32070 |
| 421053.06 | 3764405.83 | 1.29762 | 421073.06 | 3764405.83 | 1.27488 |
| 421093.06 | 3764405.83 | 1.25004 | 421113.06 | 3764405.83 | 1.22463 |
| 421133.06 | 3764405.83 | 1.19652 | 421160.72 | 3764419.50 | 1.09313 |
| 421180.72 | 3764419.50 | 1.09123 | 421220.72 | 3764419.50 | 1.21806 |
| 421233.28 | 3764408.34 | 1.25634 | 421253.28 | 3764408.34 | 1.23845 |
| 421273.28 | 3764408.34 | 1.22629 | 421293.28 | 3764408.34 | 1.20820 |
| 420746.30 | 3764432.53 | 1.61374 | 420780.72 | 3764439.50 | 1.57336 |
| 420820.72 | 3764439.50 | 1.59724 | 420860.72 | 3764439.50 | 1.51079 |
| 420880.72 | 3764439.50 | 1.48914 | 420940.72 | 3764439.50 | 1.38198 |
| 420980.72 | 3764439.50 | 1.26098 | 420994.21 | 3764452.98 | 1.18435 |
| 421014.21 | 3764452.98 | 1.15502 | 421034.21 | 3764452.98 | 1.12667 |
| 421054.21 | 3764452.98 | 1.10392 | 421074.21 | 3764452.98 | 1.08652 |

| | | | | | |
|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 1.07138 | 421114.21 | 3764452.98 | 1.05137 |
| 421134.21 | 3764452.98 | 1.02461 | 421180.72 | 3764439.50 | 1.01351 |
| 421220.72 | 3764439.50 | 1.15512 | 420737.00 | 3764452.99 | 1.49717 |
| 420780.72 | 3764459.50 | 1.48588 | 420820.72 | 3764459.50 | 1.48140 |
| 420920.72 | 3764459.50 | 1.28705 | 421134.21 | 3764472.98 | 0.93339 |
| 421180.72 | 3764459.50 | 0.94166 | 421200.72 | 3764459.50 | 0.93118 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 1.12606 | 421252.35 | 3764459.04 | 1.11781 |
| 421293.28 | 3764448.34 | 1.12599 | 420737.00 | 3764472.99 | 1.40944 |
| 420820.72 | 3764479.50 | 1.37323 | 420871.79 | 3764475.04 | 1.21413 |
| 420920.72 | 3764479.50 | 1.17602 | 421180.72 | 3764479.50 | 0.87681 |
| 421200.72 | 3764479.50 | 0.85486 | 421260.72 | 3764479.50 | 1.05529 |
| 421280.72 | 3764479.50 | 1.07091 | 420737.00 | 3764492.99 | 1.33324 |
| 420767.69 | 3764492.53 | 1.33197 | 420820.72 | 3764499.50 | 1.29190 |
| 420871.79 | 3764495.04 | 1.09930 | 420920.72 | 3764499.50 | 1.08509 |
| 421114.21 | 3764512.98 | 0.72360 | 421134.21 | 3764512.98 | 0.74353 |
| 421200.72 | 3764499.50 | 0.80105 | 421280.72 | 3764499.50 | 1.03416 |
| 420730.48 | 3764507.70 | 1.28865 | 420767.69 | 3764512.53 | 1.25665 |
| 420820.72 | 3764519.50 | 1.19958 | 420871.79 | 3764515.04 | 0.99894 |
| 420920.72 | 3764519.50 | 0.96031 | 421000.26 | 3764522.29 | 0.65016 |
| 421020.26 | 3764522.29 | 0.64291 | 421040.26 | 3764522.29 | 0.65231 |
| 421060.26 | 3764522.29 | 0.66457 | 421080.26 | 3764522.29 | 0.67930 |
| 421200.72 | 3764519.50 | 0.76108 | 421280.72 | 3764519.50 | 0.99875 |
| 420730.48 | 3764527.70 | 1.23094 | 420767.69 | 3764532.53 | 1.18250 |
| 420820.72 | 3764539.50 | 1.11145 | 420860.72 | 3764539.50 | 0.92109 |
| 420920.72 | 3764539.50 | 0.85878 | 420980.72 | 3764539.50 | 0.60845 |
| 421160.72 | 3764539.50 | 0.71765 | 421180.72 | 3764539.50 | 0.72831 |
| 421280.72 | 3764539.50 | 0.96514 | 420860.72 | 3764559.50 | 0.84234 |
| 420909.07 | 3764562.58 | 0.80971 | 420980.72 | 3764559.50 | 0.58296 |
| 421040.72 | 3764559.50 | 0.59052 | 421080.72 | 3764559.50 | 0.63028 |
| 421100.72 | 3764559.50 | 0.64043 | 421120.72 | 3764559.50 | 0.65289 |
| 421140.72 | 3764559.50 | 0.66501 | 421160.72 | 3764559.50 | 0.67788 |
| 420960.72 | 3764579.50 | 0.58037 | 421020.72 | 3764579.50 | 0.56458 |
| 420680.84 | 3764330.64 | 2.07969 | 420720.84 | 3764330.64 | 2.14512 |
| 420660.84 | 3764350.64 | 1.93387 | 420692.00 | 3764425.97 | 1.62326 |
| 420720.84 | 3764350.64 | 2.04656 | 420660.84 | 3764370.64 | 1.79187 |
| 420700.84 | 3764370.64 | 1.87785 | 420700.84 | 3764390.64 | 1.77956 |
| 420700.84 | 3764410.64 | 1.69652 | 420680.84 | 3764450.64 | 1.45686 |
| 420680.84 | 3764470.64 | 1.38146 | 420680.84 | 3764490.64 | 1.31333 |
| 420101.08 | 3763674.83 | 2.02007 | 420083.47 | 3763665.61 | 1.93219 |
| 420070.89 | 3763688.25 | 1.87170 | 420083.05 | 3763697.47 | 1.92719 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 1.75412 | 420057.47 | 3763625.35 | 1.80939 |
| 420067.12 | 3763611.93 | 1.84813 | 420079.70 | 3763600.61 | 1.90129 |
| 420101.50 | 3763588.45 | 2.00111 | 420107.79 | 3763573.35 | 2.02434 |
| 420119.53 | 3763558.68 | 2.07516 | 420130.02 | 3763541.07 | 2.11647 |
| 420141.76 | 3763528.91 | 2.16924 | 420177.06 | 3763505.07 | 2.34929 |
| 420182.52 | 3763490.53 | 2.36175 | 420189.79 | 3763470.23 | 2.37451 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.44776 | 420211.91 | 3763443.87 | 2.46639 |
| 420221.30 | 3763427.51 | 2.49269 | 420233.11 | 3763414.79 | 2.54135 |
| 420187.06 | 3763375.10 | 2.14956 | 420174.04 | 3763398.73 | 2.17390 |
| 420159.80 | 3763419.94 | 2.11912 | 420144.65 | 3763435.69 | 2.04580 |
| 420157.37 | 3763449.33 | 2.12784 | 420203.21 | 3763366.33 | 2.24808 |
| 420212.30 | 3763349.37 | 2.26104 | 420110.79 | 3763789.57 | 1.82705 |
| 420095.76 | 3763777.27 | 1.77245 | 420082.79 | 3763760.88 | 1.76653 |
| 420069.13 | 3763754.06 | 1.69721 | 420054.11 | 3763743.13 | 1.62863 |
| 420101.91 | 3763822.34 | 1.77160 | 420083.47 | 3763829.85 | 1.66755 |
| 420062.30 | 3763818.25 | 1.59927 | 420054.11 | 3763806.64 | 1.57969 |
| 420037.04 | 3763795.71 | 1.52960 | 420087.94 | 3763866.45 | 1.66731 |
| 420066.97 | 3763858.48 | 1.58911 | 420049.36 | 3763847.57 | 1.54011 |
| 420032.58 | 3763850.93 | 1.48784 | 420490.31 | 3764285.91 | 1.90871 |
| 420510.31 | 3764285.91 | 1.98109 | 420530.31 | 3764285.91 | 2.05638 |
| 420550.31 | 3764285.91 | 2.13363 | 420570.31 | 3764285.91 | 2.18397 |
| 420590.31 | 3764285.91 | 2.22969 | 420610.31 | 3764285.91 | 2.26979 |
| 420390.31 | 3764305.91 | 1.58001 | 420410.31 | 3764305.91 | 1.62422 |
| 420430.31 | 3764305.91 | 1.67317 | 420450.31 | 3764305.91 | 1.71530 |
| 420470.31 | 3764305.91 | 1.75782 | 420490.31 | 3764305.91 | 1.80109 |
| 420510.31 | 3764305.91 | 1.84803 | 420530.31 | 3764305.91 | 1.91022 |
| 420550.31 | 3764305.91 | 1.98495 | 420570.31 | 3764305.91 | 2.05975 |
| 420590.31 | 3764305.91 | 2.09748 | 420610.31 | 3764305.91 | 2.11253 |
| 420390.31 | 3764325.91 | 1.50737 | 420410.31 | 3764325.91 | 1.54696 |
| 420430.31 | 3764325.91 | 1.59519 | 420450.31 | 3764325.91 | 1.63108 |
| 420470.31 | 3764325.91 | 1.67213 | 420490.31 | 3764325.91 | 1.71166 |
| 420510.31 | 3764325.91 | 1.74895 | 420530.31 | 3764325.91 | 1.78620 |
| 420550.31 | 3764325.91 | 1.85304 | 420570.31 | 3764325.91 | 1.92201 |
| 420590.31 | 3764325.91 | 1.96103 | 420410.31 | 3764345.91 | 1.48550 |
| 420430.31 | 3764345.91 | 1.51845 | 420450.31 | 3764345.91 | 1.54617 |
| 420470.31 | 3764345.91 | 1.57895 | 420490.31 | 3764345.91 | 1.62141 |
| 420510.31 | 3764345.91 | 1.66639 | 420530.31 | 3764345.91 | 1.70016 |
| 420550.31 | 3764345.91 | 1.73974 | 420570.31 | 3764345.91 | 1.79902 |
| 420430.31 | 3764365.91 | 1.45154 | 420450.31 | 3764365.91 | 1.47676 |
| 420470.31 | 3764365.91 | 1.50339 | 420490.31 | 3764365.91 | 1.53907 |

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|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 1.58160 | 420530.31 | 3764365.91 | 1.62157 |
| 420550.31 | 3764365.91 | 1.65280 | 420570.31 | 3764365.91 | 1.68037 |
| 420450.31 | 3764385.91 | 1.41855 | 420470.31 | 3764385.91 | 1.44038 |
| 420490.31 | 3764385.91 | 1.46463 | 420510.31 | 3764385.91 | 1.49786 |
| 420530.31 | 3764385.91 | 1.54778 | 420550.31 | 3764385.91 | 1.57561 |
| 420470.31 | 3764405.91 | 1.38064 | 420490.31 | 3764405.91 | 1.40423 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 1.43165 | 420530.31 | 3764405.91 | 1.46739 |
| 420490.31 | 3764425.91 | 1.34241 | 420510.31 | 3764425.91 | 1.36176 |
| 420504.61 | 3764167.94 | 2.89189 | 420511.08 | 3764158.02 | 3.02863 |
| 420524.44 | 3764147.67 | 3.22216 | 420535.23 | 3764136.03 | 3.42142 |
| 420493.83 | 3764108.43 | 3.42473 | 420483.05 | 3764124.38 | 3.16698 |
| 420469.25 | 3764140.34 | 2.91828 | 420454.16 | 3764160.60 | 2.65983 |
| 420443.38 | 3764173.11 | 2.51417 | 420427.85 | 3764193.38 | 2.30030 |
| 420417.51 | 3764210.62 | 2.13524 | 420405.86 | 3764224.42 | 1.99012 |
| 420389.91 | 3764241.24 | 1.84118 | 420379.13 | 3764258.92 | 1.73081 |
| 420362.74 | 3764275.31 | 1.62732 | 420351.10 | 3764286.95 | 1.55558 |
| 420518.84 | 3764071.76 | 4.16656 | 420534.99 | 3764080.89 | 4.19353 |
| 420548.34 | 3764092.83 | 4.14042 | 420571.51 | 3764110.38 | 4.03758 |
| 420591.17 | 3764123.02 | 4.00517 | 420605.91 | 3764135.66 | 3.90137 |
| 420622.06 | 3764145.49 | 3.84421 | 420640.32 | 3764160.23 | 3.71322 |
| 420614.34 | 3764193.23 | 3.16349 | 420580.63 | 3764167.96 | 3.29555 |
| 420565.89 | 3764182.00 | 3.07660 | 420553.95 | 3764191.13 | 2.92981 |
| 420597.49 | 3764203.77 | 2.98158 | 420591.87 | 3764223.43 | 2.77300 |
| 420539.91 | 3764200.26 | 2.76955 | 420606.61 | 3764240.98 | 2.66239 |
| 420629.08 | 3764250.81 | 2.63769 | 420648.74 | 3764238.87 | 2.78965 |
| 420651.55 | 3764222.73 | 2.95933 | 420660.68 | 3764207.98 | 3.14748 |
| 420667.00 | 3764195.34 | 3.32218 | 420681.74 | 3764181.30 | 3.56485 |
| 420712.64 | 3764215.70 | 3.16908 | 420695.09 | 3764229.75 | 2.96666 |
| 420732.30 | 3764227.64 | 3.05755 | 420747.05 | 3764238.17 | 2.95659 |
| 420767.41 | 3764245.19 | 2.89483 | 420681.04 | 3764247.30 | 2.74923 |
| 420668.40 | 3764264.85 | 2.55606 | 420655.06 | 3764283.11 | 2.37198 |
| 420641.02 | 3764297.86 | 2.23734 | 420638.21 | 3764314.71 | 2.12401 |
| 420629.08 | 3764330.86 | 2.00846 | 420619.25 | 3764349.11 | 1.87545 |
| 420605.91 | 3764381.41 | 1.65330 | 420599.59 | 3764395.46 | 1.58906 |
| 420572.91 | 3764397.56 | 1.54757 | 420563.78 | 3764415.82 | 1.46672 |
| 420537.80 | 3764434.78 | 1.34351 | 420556.76 | 3764436.18 | 1.34740 |
| 420575.72 | 3764441.10 | 1.33075 | 420589.76 | 3764450.93 | 1.31299 |
| 420638.21 | 3764481.82 | 1.27635 | 420641.02 | 3764463.56 | 1.35039 |
| 420648.74 | 3764446.01 | 1.42287 | 420652.96 | 3764423.54 | 1.52146 |
| 420652.96 | 3764410.90 | 1.57756 | 420650.85 | 3764387.03 | 1.70453 |

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|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 1.86469 | 420331.87 | 3764188.02 | 1.87358 |
| 420353.64 | 3764208.38 | 1.85139 | 420339.59 | 3764226.64 | 1.73685 |
| 420327.66 | 3764237.87 | 1.65911 | 420317.83 | 3764252.62 | 1.58528 |
| 420300.27 | 3764231.55 | 1.59975 | 420285.53 | 3764216.81 | 1.60534 |
| 420271.48 | 3764206.28 | 1.59074 | 420260.25 | 3764195.04 | 1.58959 |
| 420283.42 | 3764171.17 | 1.76100 | 420268.56 | 3763810.41 | 3.24027 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 2.69701 | 420470.31 | 3764185.91 | 2.54052 |
| 420490.31 | 3764185.91 | 2.64079 | 420450.31 | 3764205.91 | 2.31480 |
| 420470.31 | 3764205.91 | 2.39787 | 420490.31 | 3764205.91 | 2.48078 |
| 420510.31 | 3764205.91 | 2.57086 | 420530.31 | 3764205.91 | 2.67793 |
| 420430.31 | 3764225.91 | 2.09322 | 420450.31 | 3764225.91 | 2.17696 |
| 420470.31 | 3764225.91 | 2.26509 | 420490.31 | 3764225.91 | 2.33865 |
| 420510.31 | 3764225.91 | 2.41467 | 420530.31 | 3764225.91 | 2.49829 |
| 420550.31 | 3764225.91 | 2.57138 | 420410.31 | 3764245.91 | 1.88131 |
| 420430.31 | 3764245.91 | 1.97765 | 420450.31 | 3764245.91 | 2.04714 |
| 420470.31 | 3764245.91 | 2.12643 | 420490.31 | 3764245.91 | 2.20024 |
| 420510.31 | 3764245.91 | 2.27225 | 420530.31 | 3764245.91 | 2.34369 |
| 420550.31 | 3764245.91 | 2.40845 | 420570.31 | 3764245.91 | 2.48465 |
| 420410.31 | 3764265.91 | 1.79180 | 420430.31 | 3764265.91 | 1.85969 |
| 420450.31 | 3764265.91 | 1.92587 | 420470.31 | 3764265.91 | 1.99304 |
| 420490.31 | 3764265.91 | 2.05421 | 420510.31 | 3764265.91 | 2.11960 |
| 420530.31 | 3764265.91 | 2.20750 | 420550.31 | 3764265.91 | 2.26601 |
| 420570.31 | 3764265.91 | 2.32042 | 420590.31 | 3764265.91 | 2.38169 |
| 420610.31 | 3764265.91 | 2.45063 | 420390.31 | 3764285.91 | 1.65623 |
| 420410.31 | 3764285.91 | 1.70599 | 420430.31 | 3764285.91 | 1.75597 |
| 420450.31 | 3764285.91 | 1.80788 | 420470.31 | 3764285.91 | 1.85334 |
| 420162.22 | 3763820.99 | 2.02904 | 420180.57 | 3763830.04 | 2.10671 |
| 420200.57 | 3763830.04 | 2.23065 | 420200.57 | 3763850.04 | 2.19321 |
| 420220.57 | 3763850.04 | 2.32452 | 420240.57 | 3763850.04 | 2.48393 |
| 420160.57 | 3763870.04 | 1.91646 | 420180.57 | 3763870.04 | 2.02644 |
| 420220.57 | 3763870.04 | 2.27234 | 420240.57 | 3763870.04 | 2.41059 |
| 420260.57 | 3763870.04 | 2.58003 | 420160.57 | 3763890.04 | 1.87279 |
| 420200.57 | 3763890.04 | 2.09398 | 420260.57 | 3763890.04 | 2.50883 |
| 420280.57 | 3763890.04 | 2.66398 | 420140.57 | 3763910.04 | 1.75052 |
| 420200.57 | 3763910.04 | 2.02811 | 420220.57 | 3763910.04 | 2.16179 |
| 420280.57 | 3763910.04 | 2.59167 | 420300.57 | 3763910.04 | 2.75926 |
| 420160.57 | 3763930.04 | 1.78192 | 420180.57 | 3763930.04 | 1.86527 |
| 420220.57 | 3763930.04 | 2.08895 | 420240.57 | 3763930.04 | 2.21252 |
| 420260.57 | 3763930.04 | 2.36340 | 420320.57 | 3763930.04 | 2.83680 |
| 420340.57 | 3763930.04 | 3.03521 | 420120.57 | 3763950.04 | 1.58013 |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 1.65208 | 420200.57 | 3763950.04 | 1.91688 |
| 420220.57 | 3763950.04 | 2.01591 | 420260.57 | 3763950.04 | 2.26920 |
| 420280.57 | 3763950.04 | 2.41731 | 420340.57 | 3763950.04 | 2.91550 |
| 420360.57 | 3763950.04 | 3.12352 | 420120.57 | 3763970.04 | 1.53921 |
| 420140.57 | 3763970.04 | 1.60654 | 420160.57 | 3763970.04 | 1.69366 |
| 420240.57 | 3763970.04 | 2.05979 | 420300.57 | 3763970.04 | 2.46984 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.78954 | 420360.57 | 3763970.04 | 2.98085 |
| 420100.57 | 3763990.04 | 1.44694 | 420120.57 | 3763990.04 | 1.50316 |
| 420160.57 | 3763990.04 | 1.64097 | 420180.57 | 3763990.04 | 1.73097 |
| 420240.57 | 3763990.04 | 1.99810 | 420260.57 | 3763990.04 | 2.09582 |
| 420280.57 | 3763990.04 | 2.22065 | 420340.57 | 3763990.04 | 2.66668 |
| 420120.57 | 3764010.04 | 1.46737 | 420140.57 | 3764010.04 | 1.52707 |
| 420160.57 | 3764010.04 | 1.60656 | 420200.57 | 3764010.04 | 1.76201 |
| 420220.57 | 3764010.04 | 1.84459 | 420280.57 | 3764010.04 | 2.14506 |
| 420320.57 | 3764010.04 | 2.39847 | 420400.57 | 3764010.04 | 3.01930 |
| 420420.57 | 3764010.04 | 3.21280 | 420440.57 | 3764010.04 | 3.42163 |
| 420180.57 | 3764030.04 | 1.62978 | 420200.57 | 3764030.04 | 1.69754 |
| 420240.57 | 3764030.04 | 1.87445 | 420300.57 | 3764030.04 | 2.18665 |
| 420320.57 | 3764030.04 | 2.29635 | 420400.57 | 3764030.04 | 2.85008 |
| 420440.57 | 3764030.04 | 3.21145 | 420460.57 | 3764030.04 | 3.42272 |
| 420180.57 | 3764050.04 | 1.56979 | 420200.57 | 3764050.04 | 1.63575 |
| 420240.57 | 3764050.04 | 1.79877 | 420280.57 | 3764050.04 | 1.99108 |
| 420380.57 | 3764050.04 | 2.54640 | 420480.57 | 3764050.04 | 3.38579 |
| 420200.57 | 3764070.04 | 1.58594 | 420220.57 | 3764070.04 | 1.66391 |
| 420260.57 | 3764070.04 | 1.82455 | 420280.57 | 3764070.04 | 1.90181 |
| 420360.57 | 3764070.04 | 2.30651 | 420420.57 | 3764070.04 | 2.68829 |
| 420440.57 | 3764070.04 | 2.83130 | 420260.57 | 3764090.04 | 1.74865 |
| 420340.57 | 3764090.04 | 2.09134 | 420400.57 | 3764090.04 | 2.42086 |
| 420420.57 | 3764090.04 | 2.53263 | 420440.57 | 3764090.04 | 2.66317 |
| 420460.57 | 3764090.04 | 2.81737 | 420260.57 | 3764110.04 | 1.67096 |
| 420340.57 | 3764110.04 | 1.99411 | 420400.57 | 3764110.04 | 2.28425 |
| 420420.57 | 3764110.04 | 2.39544 | 420440.57 | 3764110.04 | 2.51808 |
| 420320.57 | 3764130.04 | 1.81541 | 420380.57 | 3764130.04 | 2.07498 |
| 420400.57 | 3764130.04 | 2.16566 | 420420.57 | 3764130.04 | 2.27246 |
| 420360.57 | 3764150.04 | 1.89548 | 420400.57 | 3764150.04 | 2.05662 |
| 420340.57 | 3764170.04 | 1.73544 | 420380.57 | 3764170.04 | 1.87469 |
| 420400.57 | 3764170.04 | 1.95669 | 420380.57 | 3764190.04 | 1.78644 |
| 420714.65 | 3764272.44 | 2.20836 | 420734.65 | 3764284.40 | 2.13760 |
| 420754.65 | 3764284.40 | 2.15876 | 420280.59 | 3763433.11 | 2.87759 |
| 420260.59 | 3763453.11 | 2.75975 | 420260.59 | 3763473.11 | 2.82077 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 2.67818 | 420253.62 | 3763507.75 | 2.88583 |
| 420200.59 | 3763533.11 | 2.47743 | 420223.55 | 3763541.34 | 2.66312 |
| 420240.59 | 3763533.11 | 2.80091 | 420179.16 | 3763563.83 | 2.33654 |
| 420200.59 | 3763573.11 | 2.48868 | 420234.64 | 3763578.58 | 2.78592 |
| 420200.59 | 3763593.11 | 2.49475 | 420160.59 | 3763613.11 | 2.21989 |
| 420138.25 | 3763640.23 | 2.07294 | 420200.59 | 3763613.11 | 2.50241 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.34453 | 420172.25 | 3763655.96 | 2.27699 |
| 420160.59 | 3763673.11 | 2.19533 | 420160.59 | 3763693.11 | 2.18705 |
| 420092.84 | 3763719.31 | 1.79539 | 420140.59 | 3763713.11 | 2.05080 |
| 420120.59 | 3763733.11 | 1.92825 | 420804.93 | 3764263.30 | 2.33017 |
| 420820.93 | 3764270.66 | 2.26878 | 420839.88 | 3764276.55 | 2.21635 |
| 420860.72 | 3764279.50 | 2.17346 | 420880.72 | 3764279.50 | 2.15375 |
| 420892.72 | 3764288.76 | 2.05604 | 420900.72 | 3764299.50 | 1.99213 |
| 420920.72 | 3764299.50 | 1.98081 | 420980.72 | 3764299.50 | 1.92612 |
| 420740.72 | 3764319.50 | 1.91611 | 420780.72 | 3764319.50 | 1.93253 |
| 420800.72 | 3764319.50 | 1.92403 | 420820.72 | 3764319.50 | 1.92016 |
| 420840.72 | 3764319.50 | 1.91328 | 420940.72 | 3764319.50 | 1.83241 |
| 420980.72 | 3764319.50 | 1.79141 | 421003.29 | 3764310.49 | 1.81159 |
| 421023.29 | 3764310.49 | 1.75741 | 421043.29 | 3764310.49 | 1.73018 |
| 421063.29 | 3764310.49 | 1.70045 | 421083.29 | 3764310.49 | 1.67126 |
| 421103.29 | 3764310.49 | 1.64402 | 421123.29 | 3764310.49 | 1.61851 |
| 421143.29 | 3764310.49 | 1.59203 | 421163.29 | 3764310.49 | 1.56562 |
| 421183.29 | 3764310.49 | 1.53936 | 421203.29 | 3764310.49 | 1.51467 |
| 421223.29 | 3764310.49 | 1.49330 | 421243.29 | 3764310.49 | 1.46865 |
| 421263.29 | 3764310.49 | 1.44418 | 421283.29 | 3764310.49 | 1.42035 |
| 421303.29 | 3764310.49 | 1.39756 | 420760.72 | 3764339.50 | 1.81658 |
| 420860.72 | 3764339.50 | 1.79517 | 420880.72 | 3764339.50 | 1.78256 |
| 420920.72 | 3764339.50 | 1.74984 | 420980.72 | 3764339.50 | 1.66809 |
| 420700.42 | 3764305.37 | 1.93566 | 420780.72 | 3764359.50 | 1.70344 |
| 420800.72 | 3764359.50 | 1.69978 | 420823.92 | 3764366.20 | 1.66241 |
| 420920.72 | 3764359.50 | 1.62333 | 420980.72 | 3764359.50 | 1.54277 |
| 421010.96 | 3764363.22 | 1.51790 | 421030.96 | 3764363.22 | 1.50332 |
| 421050.96 | 3764363.22 | 1.48156 | 421070.96 | 3764363.22 | 1.46019 |
| 421090.96 | 3764363.22 | 1.43753 | 421110.96 | 3764363.22 | 1.41524 |
| 421130.96 | 3764363.22 | 1.39004 | 421150.96 | 3764363.22 | 1.36547 |
| 421170.96 | 3764363.22 | 1.35746 | 421190.96 | 3764368.75 | 1.31635 |
| 421210.17 | 3764368.36 | 1.30499 | 421230.17 | 3764368.36 | 1.29228 |
| 421250.17 | 3764368.36 | 1.27577 | 421270.17 | 3764368.36 | 1.25792 |
| 421290.17 | 3764368.36 | 1.24099 | 421310.17 | 3764368.36 | 1.22488 |
| 420843.63 | 3764371.64 | 1.62210 | 420860.72 | 3764379.50 | 1.57028 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 1.53938 | 420898.39 | 3764385.33 | 1.48391 |
| 420980.72 | 3764379.50 | 1.39802 | 420760.72 | 3764399.50 | 1.51908 |
| 420780.72 | 3764399.50 | 1.52109 | 420920.72 | 3764399.50 | 1.39754 |
| 420940.72 | 3764399.50 | 1.39736 | 420980.72 | 3764399.50 | 1.25730 |
| 420746.30 | 3764412.53 | 1.45829 | 420780.72 | 3764419.50 | 1.42598 |
| 420820.72 | 3764419.50 | 1.44576 | 420840.72 | 3764419.50 | 1.43355 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.27619 | 420980.72 | 3764419.50 | 1.14678 |
| 421013.06 | 3764405.83 | 1.15110 | 421033.06 | 3764405.83 | 1.11998 |
| 421053.06 | 3764405.83 | 1.10453 | 421073.06 | 3764405.83 | 1.09017 |
| 421093.06 | 3764405.83 | 1.07473 | 421113.06 | 3764405.83 | 1.05890 |
| 421133.06 | 3764405.83 | 1.04090 | 421160.72 | 3764419.50 | 0.96105 |
| 421180.72 | 3764419.50 | 0.96217 | 421220.72 | 3764419.50 | 1.09922 |
| 421233.28 | 3764408.34 | 1.14974 | 421253.28 | 3764408.34 | 1.14007 |
| 421273.28 | 3764408.34 | 1.13767 | 421293.28 | 3764408.34 | 1.12746 |
| 420746.30 | 3764432.53 | 1.37227 | 420780.72 | 3764439.50 | 1.34995 |
| 420820.72 | 3764439.50 | 1.36611 | 420860.72 | 3764439.50 | 1.32871 |
| 420880.72 | 3764439.50 | 1.30786 | 420940.72 | 3764439.50 | 1.19282 |
| 420980.72 | 3764439.50 | 1.06159 | 420994.21 | 3764452.98 | 1.00051 |
| 421014.21 | 3764452.98 | 0.98162 | 421034.21 | 3764452.98 | 0.96316 |
| 421054.21 | 3764452.98 | 0.94834 | 421074.21 | 3764452.98 | 0.93722 |
| 421094.21 | 3764452.98 | 0.92771 | 421114.21 | 3764452.98 | 0.91457 |
| 421134.21 | 3764452.98 | 0.89617 | 421180.72 | 3764439.50 | 0.89551 |
| 421220.72 | 3764439.50 | 1.03207 | 420737.00 | 3764452.99 | 1.29516 |
| 420780.72 | 3764459.50 | 1.28401 | 420820.72 | 3764459.50 | 1.28336 |
| 420920.72 | 3764459.50 | 1.09454 | 421134.21 | 3764472.98 | 0.82098 |
| 421180.72 | 3764459.50 | 0.83386 | 421200.72 | 3764459.50 | 0.82727 |
| 421233.28 | 3764448.34 | 1.00774 | 421252.35 | 3764459.04 | 1.01579 |
| 421293.28 | 3764448.34 | 1.04327 | 420737.00 | 3764472.99 | 1.23079 |
| 420820.72 | 3764479.50 | 1.20392 | 420871.79 | 3764475.04 | 1.01489 |
| 420920.72 | 3764479.50 | 0.98485 | 421180.72 | 3764479.50 | 0.77795 |
| 421200.72 | 3764479.50 | 0.76109 | 421260.72 | 3764479.50 | 0.95150 |
| 421280.72 | 3764479.50 | 0.98234 | 420737.00 | 3764492.99 | 1.16794 |
| 420767.69 | 3764492.53 | 1.16487 | 420820.72 | 3764499.50 | 1.12506 |
| 420871.79 | 3764495.04 | 0.92303 | 420920.72 | 3764499.50 | 0.91298 |
| 421114.21 | 3764512.98 | 0.64071 | 421134.21 | 3764512.98 | 0.65907 |
| 421200.72 | 3764499.50 | 0.71377 | 421280.72 | 3764499.50 | 0.94576 |
| 420730.48 | 3764507.70 | 1.12844 | 420767.69 | 3764512.53 | 1.09293 |
| 420820.72 | 3764519.50 | 1.03291 | 420871.79 | 3764515.04 | 0.84866 |
| 420920.72 | 3764519.50 | 0.82142 | 421000.26 | 3764522.29 | 0.57354 |
| 421020.26 | 3764522.29 | 0.56787 | 421040.26 | 3764522.29 | 0.57646 |

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|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 0.58763 | 421080.26 | 3764522.29 | 0.60103 |
| 421200.72 | 3764519.50 | 0.67855 | 421280.72 | 3764519.50 | 0.91063 |
| 420730.48 | 3764527.70 | 1.07654 | 420767.69 | 3764532.53 | 1.02060 |
| 420820.72 | 3764539.50 | 0.94575 | 420860.72 | 3764539.50 | 0.78765 |
| 420920.72 | 3764539.50 | 0.74312 | 420980.72 | 3764539.50 | 0.53765 |
| 421160.72 | 3764539.50 | 0.63807 | 421180.72 | 3764539.50 | 0.64847 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.87748 | 420860.72 | 3764559.50 | 0.72670 |
| 420909.07 | 3764562.58 | 0.70255 | 420980.72 | 3764559.50 | 0.51591 |
| 421040.72 | 3764559.50 | 0.52353 | 421080.72 | 3764559.50 | 0.55896 |
| 421100.72 | 3764559.50 | 0.56844 | 421120.72 | 3764559.50 | 0.57996 |
| 421140.72 | 3764559.50 | 0.59131 | 421160.72 | 3764559.50 | 0.60342 |
| 420960.72 | 3764579.50 | 0.51327 | 421020.72 | 3764579.50 | 0.50087 |
| 420680.84 | 3764330.64 | 1.75723 | 420720.84 | 3764330.64 | 1.81347 |
| 420660.84 | 3764350.64 | 1.63934 | 420692.00 | 3764425.97 | 1.37972 |
| 420720.84 | 3764350.64 | 1.73172 | 420660.84 | 3764370.64 | 1.54336 |
| 420700.84 | 3764370.64 | 1.59265 | 420700.84 | 3764390.64 | 1.50986 |
| 420700.84 | 3764410.64 | 1.44242 | 420680.84 | 3764450.64 | 1.27465 |
| 420680.84 | 3764470.64 | 1.20719 | 420680.84 | 3764490.64 | 1.14483 |
| 420101.08 | 3763674.83 | 1.87009 | 420083.47 | 3763665.61 | 1.79232 |
| 420070.89 | 3763688.25 | 1.72615 | 420083.05 | 3763697.47 | 1.77040 |
| 420043.64 | 3763644.22 | 1.62690 | 420057.47 | 3763625.35 | 1.68656 |
| 420067.12 | 3763611.93 | 1.72745 | 420079.70 | 3763600.61 | 1.78270 |
| 420101.50 | 3763588.45 | 1.88917 | 420107.79 | 3763573.35 | 1.91785 |
| 420119.53 | 3763558.68 | 1.97735 | 420130.02 | 3763541.07 | 2.02652 |
| 420141.76 | 3763528.91 | 2.08801 | 420177.06 | 3763505.07 | 2.29264 |
| 420182.52 | 3763490.53 | 2.31455 | 420189.79 | 3763470.23 | 2.34473 |
| 420205.24 | 3763456.30 | 2.39235 | 420211.91 | 3763443.87 | 2.41286 |
| 420221.30 | 3763427.51 | 2.42729 | 420233.11 | 3763414.79 | 2.48024 |
| 420187.06 | 3763375.10 | 2.22753 | 420174.04 | 3763398.73 | 2.16410 |
| 420159.80 | 3763419.94 | 2.07124 | 420144.65 | 3763435.69 | 1.98908 |
| 420157.37 | 3763449.33 | 2.08883 | 420203.21 | 3763366.33 | 2.29552 |
| 420212.30 | 3763349.37 | 2.31343 | 420110.79 | 3763789.57 | 1.67151 |
| 420095.76 | 3763777.27 | 1.62669 | 420082.79 | 3763760.88 | 1.62650 |
| 420069.13 | 3763754.06 | 1.56563 | 420054.11 | 3763743.13 | 1.50712 |
| 420101.91 | 3763822.34 | 1.61242 | 420083.47 | 3763829.85 | 1.51798 |
| 420062.30 | 3763818.25 | 1.46053 | 420054.11 | 3763806.64 | 1.44608 |
| 420037.04 | 3763795.71 | 1.40400 | 420087.94 | 3763866.45 | 1.50878 |
| 420066.97 | 3763858.48 | 1.44166 | 420049.36 | 3763847.57 | 1.40095 |
| 420032.58 | 3763850.93 | 1.35398 | 420490.31 | 3764285.91 | 1.65534 |
| 420510.31 | 3764285.91 | 1.70205 | 420530.31 | 3764285.91 | 1.75036 |

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|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 1.79842 | 420570.31 | 3764285.91 | 1.84189 |
| 420590.31 | 3764285.91 | 1.88004 | 420610.31 | 3764285.91 | 1.91348 |
| 420390.31 | 3764305.91 | 1.37510 | 420410.31 | 3764305.91 | 1.41381 |
| 420430.31 | 3764305.91 | 1.45851 | 420450.31 | 3764305.91 | 1.49466 |
| 420470.31 | 3764305.91 | 1.53138 | 420490.31 | 3764305.91 | 1.56923 |
| 420510.31 | 3764305.91 | 1.60806 | 420530.31 | 3764305.91 | 1.64800 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.69467 | 420570.31 | 3764305.91 | 1.73620 |
| 420590.31 | 3764305.91 | 1.76833 | 420610.31 | 3764305.91 | 1.79101 |
| 420390.31 | 3764325.91 | 1.30981 | 420410.31 | 3764325.91 | 1.34409 |
| 420430.31 | 3764325.91 | 1.38901 | 420450.31 | 3764325.91 | 1.41895 |
| 420470.31 | 3764325.91 | 1.45548 | 420490.31 | 3764325.91 | 1.49036 |
| 420510.31 | 3764325.91 | 1.52271 | 420530.31 | 3764325.91 | 1.55542 |
| 420550.31 | 3764325.91 | 1.59958 | 420570.31 | 3764325.91 | 1.63940 |
| 420590.31 | 3764325.91 | 1.66783 | 420410.31 | 3764345.91 | 1.29191 |
| 420430.31 | 3764345.91 | 1.31956 | 420450.31 | 3764345.91 | 1.34122 |
| 420470.31 | 3764345.91 | 1.36884 | 420490.31 | 3764345.91 | 1.40809 |
| 420510.31 | 3764345.91 | 1.45159 | 420530.31 | 3764345.91 | 1.48146 |
| 420550.31 | 3764345.91 | 1.51574 | 420570.31 | 3764345.91 | 1.54987 |
| 420430.31 | 3764365.91 | 1.26080 | 420450.31 | 3764365.91 | 1.28066 |
| 420470.31 | 3764365.91 | 1.30217 | 420490.31 | 3764365.91 | 1.33427 |
| 420510.31 | 3764365.91 | 1.37514 | 420530.31 | 3764365.91 | 1.41424 |
| 420550.31 | 3764365.91 | 1.44267 | 420570.31 | 3764365.91 | 1.46542 |
| 420450.31 | 3764385.91 | 1.23162 | 420470.31 | 3764385.91 | 1.24853 |
| 420490.31 | 3764385.91 | 1.26828 | 420510.31 | 3764385.91 | 1.29876 |
| 420530.31 | 3764385.91 | 1.35064 | 420550.31 | 3764385.91 | 1.37594 |
| 420470.31 | 3764405.91 | 1.19737 | 420490.31 | 3764405.91 | 1.21720 |
| 420510.31 | 3764405.91 | 1.24171 | 420530.31 | 3764405.91 | 1.27645 |
| 420490.31 | 3764425.91 | 1.16299 | 420510.31 | 3764425.91 | 1.17867 |
| 420504.61 | 3764167.94 | 2.42785 | 420511.08 | 3764158.02 | 2.54036 |
| 420524.44 | 3764147.67 | 2.70028 | 420535.23 | 3764136.03 | 2.86291 |
| 420493.83 | 3764108.43 | 2.86677 | 420483.05 | 3764124.38 | 2.65478 |
| 420469.25 | 3764140.34 | 2.45159 | 420454.16 | 3764160.60 | 2.24174 |
| 420443.38 | 3764173.11 | 2.12293 | 420427.85 | 3764193.38 | 1.94053 |
| 420417.51 | 3764210.62 | 1.81954 | 420405.86 | 3764224.42 | 1.71485 |
| 420389.91 | 3764241.24 | 1.60529 | 420379.13 | 3764258.92 | 1.50990 |
| 420362.74 | 3764275.31 | 1.41883 | 420351.10 | 3764286.95 | 1.35443 |
| 420518.84 | 3764071.76 | 3.46882 | 420534.99 | 3764080.89 | 3.49284 |
| 420548.34 | 3764092.83 | 3.45197 | 420571.51 | 3764110.38 | 3.35874 |
| 420591.17 | 3764123.02 | 3.35808 | 420605.91 | 3764135.66 | 3.26377 |
| 420622.06 | 3764145.49 | 3.22190 | 420640.32 | 3764160.23 | 3.14391 |

| | | | | | |
|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 2.68089 | 420580.63 | 3764167.96 | 2.75805 |
| 420565.89 | 3764182.00 | 2.58072 | 420553.95 | 3764191.13 | 2.45860 |
| 420597.49 | 3764203.77 | 2.50178 | 420591.87 | 3764223.43 | 2.33114 |
| 420539.91 | 3764200.26 | 2.32703 | 420606.61 | 3764240.98 | 2.24000 |
| 420629.08 | 3764250.81 | 2.22913 | 420648.74 | 3764238.87 | 2.35037 |
| 420651.55 | 3764222.73 | 2.50480 | 420660.68 | 3764207.98 | 2.65648 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_ROUTE ***
INCLUDING SOURCE(S): L0000917 , L0000918 , L0000919 , L0000920 , L0000921 ,
L0000922 , L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 ,
L0000930 , L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 ,
L0000938 , L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.80992 | 420681.74 | 3764181.30 | 3.04003 |
| 420712.64 | 3764215.70 | 2.66026 | 420695.09 | 3764229.75 | 2.48946 |
| 420732.30 | 3764227.64 | 2.57332 | 420747.05 | 3764238.17 | 2.50575 |
| 420767.41 | 3764245.19 | 2.47978 | 420681.04 | 3764247.30 | 2.31067 |
| 420668.40 | 3764264.85 | 2.14999 | 420655.06 | 3764283.11 | 1.99974 |
| 420641.02 | 3764297.86 | 1.88515 | 420638.21 | 3764314.71 | 1.79227 |
| 420629.08 | 3764330.86 | 1.69846 | 420619.25 | 3764349.11 | 1.60119 |
| 420605.91 | 3764381.41 | 1.44225 | 420599.59 | 3764395.46 | 1.38590 |
| 420572.91 | 3764397.56 | 1.34727 | 420563.78 | 3764415.82 | 1.27468 |
| 420537.80 | 3764434.78 | 1.15604 | 420556.76 | 3764436.18 | 1.15702 |
| 420575.72 | 3764441.10 | 1.13915 | 420589.76 | 3764450.93 | 1.12412 |
| 420638.21 | 3764481.82 | 1.09764 | 420641.02 | 3764463.56 | 1.16728 |
| 420648.74 | 3764446.01 | 1.23449 | 420652.96 | 3764423.54 | 1.32591 |
| 420652.96 | 3764410.90 | 1.37813 | 420650.85 | 3764387.03 | 1.47240 |
| 420295.36 | 3764152.91 | 1.63232 | 420331.87 | 3764188.02 | 1.63634 |
| 420353.64 | 3764208.38 | 1.61511 | 420339.59 | 3764226.64 | 1.51509 |
| 420327.66 | 3764237.87 | 1.44600 | 420317.83 | 3764252.62 | 1.38180 |
| 420300.27 | 3764231.55 | 1.39390 | 420285.53 | 3764216.81 | 1.39995 |
| 420271.48 | 3764206.28 | 1.38677 | 420260.25 | 3764195.04 | 1.38639 |
| 420283.42 | 3764171.17 | 1.54258 | 420972.38 | 3763271.71 | 33.89883 |
| 420913.80 | 3763329.33 | 49.12176 | 420955.88 | 3763316.14 | 28.18724 |
| 421011.82 | 3763312.84 | 15.49858 | 420869.05 | 3763382.67 | 55.04507 |
| 420913.80 | 3763379.33 | 27.70911 | 420955.88 | 3763366.14 | 19.60656 |
| 421011.82 | 3763362.84 | 12.76297 | 420906.65 | 3763419.80 | 22.32081 |
| 420955.88 | 3763416.14 | 15.40284 | 421011.82 | 3763412.84 | 11.01717 |
| 421009.84 | 3763454.26 | 10.15294 | 420679.66 | 3764117.07 | 4.78516 |
| 420692.12 | 3764098.22 | 5.40164 | 420703.14 | 3764099.09 | 5.46470 |
| 420702.56 | 3764144.04 | 4.29856 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 5.94055 | 420180.57 | 3763830.04 | 6.19072 |
| 420200.57 | 3763830.04 | 6.51448 | 420200.57 | 3763850.04 | 6.52317 |
| 420220.57 | 3763850.04 | 6.87233 | 420240.57 | 3763850.04 | 7.28818 |
| 420160.57 | 3763870.04 | 5.85247 | 420180.57 | 3763870.04 | 6.16660 |
| 420220.57 | 3763870.04 | 6.85306 | 420240.57 | 3763870.04 | 7.22936 |
| 420260.57 | 3763870.04 | 7.68408 | 420160.57 | 3763890.04 | 5.81196 |
| 420200.57 | 3763890.04 | 6.46448 | 420260.57 | 3763890.04 | 7.64740 |
| 420280.57 | 3763890.04 | 8.07255 | 420140.57 | 3763910.04 | 5.52817 |
| 420200.57 | 3763910.04 | 6.37404 | 420220.57 | 3763910.04 | 6.78276 |
| 420280.57 | 3763910.04 | 8.05148 | 420300.57 | 3763910.04 | 8.53067 |
| 420160.57 | 3763930.04 | 5.70473 | 420180.57 | 3763930.04 | 5.96961 |
| 420220.57 | 3763930.04 | 6.67742 | 420240.57 | 3763930.04 | 7.06512 |
| 420260.57 | 3763930.04 | 7.54180 | 420320.57 | 3763930.04 | 8.98027 |
| 420340.57 | 3763930.04 | 9.57481 | 420120.57 | 3763950.04 | 5.12651 |
| 420140.57 | 3763950.04 | 5.36436 | 420200.57 | 3763950.04 | 6.23754 |
| 420220.57 | 3763950.04 | 6.56297 | 420260.57 | 3763950.04 | 7.39404 |
| 420280.57 | 3763950.04 | 7.88121 | 420340.57 | 3763950.04 | 9.49140 |
| 420360.57 | 3763950.04 | 10.16233 | 420120.57 | 3763970.04 | 5.05827 |
| 420140.57 | 3763970.04 | 5.28786 | 420160.57 | 3763970.04 | 5.58546 |
| 420240.57 | 3763970.04 | 6.83785 | 420300.57 | 3763970.04 | 8.25367 |
| 420340.57 | 3763970.04 | 9.35837 | 420360.57 | 3763970.04 | 10.02733 |
| 420100.57 | 3763990.04 | 4.80529 | 420120.57 | 3763990.04 | 5.00164 |
| 420160.57 | 3763990.04 | 5.48650 | 420180.57 | 3763990.04 | 5.80618 |
| 420240.57 | 3763990.04 | 6.75721 | 420260.57 | 3763990.04 | 7.10739 |
| 420280.57 | 3763990.04 | 7.55898 | 420340.57 | 3763990.04 | 9.20348 |
| 420120.57 | 3764010.04 | 4.94157 | 420140.57 | 3764010.04 | 5.15681 |
| 420160.57 | 3764010.04 | 5.44795 | 420200.57 | 3764010.04 | 6.01895 |
| 420220.57 | 3764010.04 | 6.32423 | 420280.57 | 3764010.04 | 7.45490 |
| 420320.57 | 3764010.04 | 8.43518 | 420400.57 | 3764010.04 | 10.95742 |
| 420420.57 | 3764010.04 | 11.79268 | 420440.57 | 3764010.04 | 12.72672 |
| 420180.57 | 3764030.04 | 5.62160 | 420200.57 | 3764030.04 | 5.87784 |
| 420240.57 | 3764030.04 | 6.56397 | 420300.57 | 3764030.04 | 7.81160 |
| 420320.57 | 3764030.04 | 8.25862 | 420400.57 | 3764030.04 | 10.65808 |
| 420440.57 | 3764030.04 | 12.37764 | 420460.57 | 3764030.04 | 13.45613 |
| 420180.57 | 3764050.04 | 5.47607 | 420200.57 | 3764050.04 | 5.73396 |
| 420240.57 | 3764050.04 | 6.38895 | 420280.57 | 3764050.04 | 7.18562 |
| 420380.57 | 3764050.04 | 9.63947 | 420480.57 | 3764050.04 | 14.08370 |

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|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 5.63054 | 420220.57 | 3764070.04 | 5.95455 |
| 420260.57 | 3764070.04 | 6.63363 | 420280.57 | 3764070.04 | 6.96411 |
| 420360.57 | 3764070.04 | 8.81569 | 420420.57 | 3764070.04 | 10.76187 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 11.55374 | 420260.57 | 3764090.04 | 6.43739 |
| 420340.57 | 3764090.04 | 8.02878 | 420400.57 | 3764090.04 | 9.73084 |
| 420420.57 | 3764090.04 | 10.35165 | 420440.57 | 3764090.04 | 11.11409 |
| 420460.57 | 3764090.04 | 12.07328 | 420260.57 | 3764110.04 | 6.21036 |
| 420340.57 | 3764110.04 | 7.76947 | 420400.57 | 3764110.04 | 9.32800 |
| 420420.57 | 3764110.04 | 9.97641 | 420440.57 | 3764110.04 | 10.72930 |
| 420320.57 | 3764130.04 | 7.05201 | 420380.57 | 3764130.04 | 8.45080 |
| 420400.57 | 3764130.04 | 8.97512 | 420420.57 | 3764130.04 | 9.62586 |
| 420360.57 | 3764150.04 | 7.68724 | 420400.57 | 3764150.04 | 8.63202 |
| 420340.57 | 3764170.04 | 6.98877 | 420380.57 | 3764170.04 | 7.79490 |
| 420400.57 | 3764170.04 | 8.30370 | 420380.57 | 3764190.04 | 7.48765 |
| 420714.65 | 3764272.44 | 13.73932 | 420734.65 | 3764284.40 | 13.34239 |
| 420754.65 | 3764284.40 | 13.76652 | 420280.59 | 3763433.11 | 5.56644 |
| 420260.59 | 3763453.11 | 5.51977 | 420260.59 | 3763473.11 | 5.67384 |
| 420233.62 | 3763487.75 | 5.49233 | 420253.62 | 3763507.75 | 5.86033 |
| 420200.59 | 3763533.11 | 5.42459 | 420223.55 | 3763541.34 | 5.73863 |
| 420240.59 | 3763533.11 | 5.88952 | 420179.16 | 3763563.83 | 5.36008 |
| 420200.59 | 3763573.11 | 5.68211 | 420234.64 | 3763578.58 | 6.12875 |
| 420200.59 | 3763593.11 | 5.79703 | 420160.59 | 3763613.11 | 5.40074 |
| 420138.25 | 3763640.23 | 5.26217 | 420200.59 | 3763613.11 | 5.88915 |
| 420180.59 | 3763633.11 | 5.75177 | 420172.25 | 3763655.96 | 5.73900 |
| 420160.59 | 3763673.11 | 5.64781 | 420160.59 | 3763693.11 | 5.71543 |
| 420092.84 | 3763719.31 | 4.95695 | 420140.59 | 3763713.11 | 5.51031 |
| 420120.59 | 3763733.11 | 5.30967 | 420804.93 | 3764263.30 | 15.67012 |
| 420820.93 | 3764270.66 | 15.20179 | 420839.88 | 3764276.55 | 14.79973 |
| 420860.72 | 3764279.50 | 14.38689 | 420880.72 | 3764279.50 | 14.20480 |
| 420892.72 | 3764288.76 | 13.15424 | 420900.72 | 3764299.50 | 12.68793 |
| 420920.72 | 3764299.50 | 12.65460 | 420980.72 | 3764299.50 | 12.27573 |
| 420740.72 | 3764319.50 | 11.57981 | 420780.72 | 3764319.50 | 11.97065 |
| 420800.72 | 3764319.50 | 11.91617 | 420820.72 | 3764319.50 | 11.94814 |
| 420840.72 | 3764319.50 | 11.94055 | 420940.72 | 3764319.50 | 11.28171 |
| 420980.72 | 3764319.50 | 10.94736 | 421003.29 | 3764310.49 | 11.12123 |
| 421023.29 | 3764310.49 | 10.55329 | 421043.29 | 3764310.49 | 10.34958 |
| 421063.29 | 3764310.49 | 10.12715 | 421083.29 | 3764310.49 | 9.91774 |
| 421103.29 | 3764310.49 | 9.73966 | 421123.29 | 3764310.49 | 9.58151 |
| 421143.29 | 3764310.49 | 9.41430 | 421163.29 | 3764310.49 | 9.24695 |
| 421183.29 | 3764310.49 | 9.07907 | 421203.29 | 3764310.49 | 8.91775 |

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|---|---|---|---|---|---|
| 421223.29 | 3764310.49 | 8.76552 | 421243.29 | 3764310.49 | 8.58966 |
| 421263.29 | 3764310.49 | 8.40977 | 421283.29 | 3764310.49 | 8.22682 |
| 421303.29 | 3764310.49 | 8.03711 | 420760.72 | 3764339.50 | 10.92132 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 10.98428 | 420880.72 | 3764339.50 | 10.89035 |
| 420920.72 | 3764339.50 | 10.60919 | 420980.72 | 3764339.50 | 9.80881 |
| 420700.42 | 3764305.37 | 11.21255 | 420780.72 | 3764359.50 | 9.98632 |
| 420800.72 | 3764359.50 | 9.99290 | 420823.92 | 3764366.20 | 9.73454 |
| 420920.72 | 3764359.50 | 9.40849 | 420980.72 | 3764359.50 | 8.67068 |
| 421010.96 | 3764363.22 | 8.55568 | 421030.96 | 3764363.22 | 8.47595 |
| 421050.96 | 3764363.22 | 8.32223 | 421070.96 | 3764363.22 | 8.18166 |
| 421090.96 | 3764363.22 | 8.03672 | 421110.96 | 3764363.22 | 7.90285 |
| 421130.96 | 3764363.22 | 7.75377 | 421150.96 | 3764363.22 | 7.61797 |
| 421170.96 | 3764363.22 | 7.59298 | 421190.96 | 3764368.75 | 7.32649 |
| 421210.17 | 3764368.36 | 7.27251 | 421230.17 | 3764368.36 | 7.20332 |
| 421250.17 | 3764368.36 | 7.10611 | 421270.17 | 3764368.36 | 6.99730 |
| 421290.17 | 3764368.36 | 6.88800 | 421310.17 | 3764368.36 | 6.77519 |
| 420843.63 | 3764371.64 | 9.39200 | 420860.72 | 3764379.50 | 8.95146 |
| 420880.72 | 3764379.50 | 8.62056 | 420898.39 | 3764385.33 | 8.14115 |
| 420980.72 | 3764379.50 | 7.59318 | 420760.72 | 3764399.50 | 8.46963 |
| 420780.72 | 3764399.50 | 8.53479 | 420920.72 | 3764399.50 | 7.50396 |
| 420940.72 | 3764399.50 | 7.52918 | 420980.72 | 3764399.50 | 6.71293 |
| 420746.30 | 3764412.53 | 7.94604 | 420780.72 | 3764419.50 | 7.73715 |
| 420820.72 | 3764419.50 | 8.06194 | 420840.72 | 3764419.50 | 7.95361 |
| 420940.72 | 3764419.50 | 6.71038 | 420980.72 | 3764419.50 | 6.01793 |
| 421013.06 | 3764405.83 | 6.10324 | 421033.06 | 3764405.83 | 5.93764 |
| 421053.06 | 3764405.83 | 5.86316 | 421073.06 | 3764405.83 | 5.79784 |
| 421093.06 | 3764405.83 | 5.72984 | 421113.06 | 3764405.83 | 5.66342 |
| 421133.06 | 3764405.83 | 5.58883 | 421160.72 | 3764419.50 | 5.12776 |
| 421180.72 | 3764419.50 | 5.15979 | 421220.72 | 3764419.50 | 5.88853 |
| 421233.28 | 3764408.34 | 6.19777 | 421253.28 | 3764408.34 | 6.15328 |
| 421273.28 | 3764408.34 | 6.13681 | 421293.28 | 3764408.34 | 6.07977 |
| 420746.30 | 3764432.53 | 7.26554 | 420780.72 | 3764439.50 | 7.16069 |
| 420820.72 | 3764439.50 | 7.42262 | 420860.72 | 3764439.50 | 7.05340 |
| 420880.72 | 3764439.50 | 6.87543 | 420940.72 | 3764439.50 | 6.17934 |
| 420980.72 | 3764439.50 | 5.47973 | 420994.21 | 3764452.98 | 5.10997 |
| 421014.21 | 3764452.98 | 5.01425 | 421034.21 | 3764452.98 | 4.92299 |
| 421054.21 | 3764452.98 | 4.85247 | 421074.21 | 3764452.98 | 4.80302 |
| 421094.21 | 3764452.98 | 4.76378 | 421114.21 | 3764452.98 | 4.70744 |
| 421134.21 | 3764452.98 | 4.62526 | 421180.72 | 3764439.50 | 4.71542 |
| 421220.72 | 3764439.50 | 5.44956 | 420737.00 | 3764452.99 | 6.67383 |

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|---|---|---|---|---|---|
| 420780.72 | 3764459.50 | 6.68770 | 420820.72 | 3764459.50 | 6.73763 |
| 420920.72 | 3764459.50 | 5.58122 | 421134.21 | 3764472.98 | 4.16786 |
| 421180.72 | 3764459.50 | 4.31402 | 421200.72 | 3764459.50 | 4.29932 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 5.29104 | 421252.35 | 3764459.04 | 5.26259 |
| 421293.28 | 3764448.34 | 5.44940 | 420737.00 | 3764472.99 | 6.22070 |
| 420820.72 | 3764479.50 | 6.11166 | 420871.79 | 3764475.04 | 5.08774 |
| 420920.72 | 3764479.50 | 4.93709 | 421180.72 | 3764479.50 | 3.95744 |
| 421200.72 | 3764479.50 | 3.88584 | 421260.72 | 3764479.50 | 4.87441 |
| 421280.72 | 3764479.50 | 5.00909 | 420737.00 | 3764492.99 | 5.78301 |
| 420767.69 | 3764492.53 | 5.78450 | 420820.72 | 3764499.50 | 5.55998 |
| 420871.79 | 3764495.04 | 4.55230 | 420920.72 | 3764499.50 | 4.50919 |
| 421114.21 | 3764512.98 | 3.09327 | 421134.21 | 3764512.98 | 3.21159 |
| 421200.72 | 3764499.50 | 3.58690 | 421280.72 | 3764499.50 | 4.75230 |
| 420730.48 | 3764507.70 | 5.52065 | 420767.69 | 3764512.53 | 5.30226 |
| 420820.72 | 3764519.50 | 5.02167 | 420871.79 | 3764515.04 | 4.12794 |
| 420920.72 | 3764519.50 | 3.99630 | 421000.26 | 3764522.29 | 2.64151 |
| 421020.26 | 3764522.29 | 2.61847 | 421040.26 | 3764522.29 | 2.67682 |
| 421060.26 | 3764522.29 | 2.75029 | 421080.26 | 3764522.29 | 2.83739 |
| 421200.72 | 3764519.50 | 3.35798 | 421280.72 | 3764519.50 | 4.51168 |
| 420730.48 | 3764527.70 | 5.18761 | 420767.69 | 3764532.53 | 4.87643 |
| 420820.72 | 3764539.50 | 4.54584 | 420860.72 | 3764539.50 | 3.77002 |
| 420920.72 | 3764539.50 | 3.55975 | 420980.72 | 3764539.50 | 2.42560 |
| 421160.72 | 3764539.50 | 3.08192 | 421180.72 | 3764539.50 | 3.15160 |
| 421280.72 | 3764539.50 | 4.28915 | 420860.72 | 3764559.50 | 3.43229 |
| 420909.07 | 3764562.58 | 3.31870 | 420980.72 | 3764559.50 | 2.30011 |
| 421040.72 | 3764559.50 | 2.36552 | 421080.72 | 3764559.50 | 2.57999 |
| 421100.72 | 3764559.50 | 2.64266 | 421120.72 | 3764559.50 | 2.71776 |
| 421140.72 | 3764559.50 | 2.79162 | 421160.72 | 3764559.50 | 2.86965 |
| 420960.72 | 3764579.50 | 2.27651 | 421020.72 | 3764579.50 | 2.22714 |
| 420680.84 | 3764330.64 | 9.68696 | 420720.84 | 3764330.64 | 10.46165 |
| 420660.84 | 3764350.64 | 8.74943 | 420692.00 | 3764425.97 | 7.19481 |
| 420720.84 | 3764350.64 | 9.97623 | 420660.84 | 3764370.64 | 8.06292 |
| 420700.84 | 3764370.64 | 8.67255 | 420700.84 | 3764390.64 | 8.09399 |
| 420700.84 | 3764410.64 | 7.66884 | 420680.84 | 3764450.64 | 6.37965 |
| 420680.84 | 3764470.64 | 5.92275 | 420680.84 | 3764490.64 | 5.52057 |
| 420101.08 | 3763674.83 | 4.95901 | 420083.47 | 3763665.61 | 4.75619 |
| 420070.89 | 3763688.25 | 4.68194 | 420083.05 | 3763697.47 | 4.81702 |
| 420043.64 | 3763644.22 | 4.33461 | 420057.47 | 3763625.35 | 4.41125 |
| 420067.12 | 3763611.93 | 4.46150 | 420079.70 | 3763600.61 | 4.54240 |
| 420101.50 | 3763588.45 | 4.69470 | 420107.79 | 3763573.35 | 4.70255 |

| | | | | | |
|---|---|---|---|---|---|
| 420119.53 | 3763558.68 | 4.74427 | 420130.02 | 3763541.07 | 4.77864 |
| 420141.76 | 3763528.91 | 4.82069 | 420177.06 | 3763505.07 | 5.02717 |
| 420182.52 | 3763490.53 | 5.00160 | 420189.79 | 3763470.23 | 4.95297 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 5.01047 | 420211.91 | 3763443.87 | 4.99579 |
| 420221.30 | 3763427.51 | 4.97422 | 420233.11 | 3763414.79 | 4.99250 |
| 420187.06 | 3763375.10 | 5.03926 | 420174.04 | 3763398.73 | 5.14513 |
| 420159.80 | 3763419.94 | 5.10737 | 420144.65 | 3763435.69 | 4.98775 |
| 420157.37 | 3763449.33 | 5.13995 | 420203.21 | 3763366.33 | 4.60769 |
| 420212.30 | 3763349.37 | 4.44864 | 420110.79 | 3763789.57 | 5.00063 |
| 420095.76 | 3763777.27 | 4.84369 | 420082.79 | 3763760.88 | 4.75884 |
| 420069.13 | 3763754.06 | 4.60020 | 420054.11 | 3763743.13 | 4.43826 |
| 420101.91 | 3763822.34 | 4.89928 | 420083.47 | 3763829.85 | 4.66480 |
| 420062.30 | 3763818.25 | 4.46895 | 420054.11 | 3763806.64 | 4.40213 |
| 420037.04 | 3763795.71 | 4.25716 | 420087.94 | 3763866.45 | 4.70099 |
| 420066.97 | 3763858.48 | 4.48736 | 420049.36 | 3763847.57 | 4.33883 |
| 420032.58 | 3763850.93 | 4.19683 | 420490.31 | 3764285.91 | 7.73608 |
| 420510.31 | 3764285.91 | 8.13041 | 420530.31 | 3764285.91 | 8.56519 |
| 420550.31 | 3764285.91 | 9.01915 | 420570.31 | 3764285.91 | 9.45274 |
| 420590.31 | 3764285.91 | 9.85513 | 420610.31 | 3764285.91 | 10.22920 |
| 420390.31 | 3764305.91 | 5.88924 | 420410.31 | 3764305.91 | 6.14643 |
| 420430.31 | 3764305.91 | 6.45544 | 420450.31 | 3764305.91 | 6.71850 |
| 420470.31 | 3764305.91 | 6.99674 | 420490.31 | 3764305.91 | 7.29622 |
| 420510.31 | 3764305.91 | 7.61840 | 420530.31 | 3764305.91 | 7.96804 |
| 420550.31 | 3764305.91 | 8.40645 | 420570.31 | 3764305.91 | 8.81533 |
| 420590.31 | 3764305.91 | 9.14870 | 420610.31 | 3764305.91 | 9.39831 |
| 420390.31 | 3764325.91 | 5.59957 | 420410.31 | 3764325.91 | 5.82642 |
| 420430.31 | 3764325.91 | 6.12967 | 420450.31 | 3764325.91 | 6.34772 |
| 420470.31 | 3764325.91 | 6.62031 | 420490.31 | 3764325.91 | 6.89334 |
| 420510.31 | 3764325.91 | 7.15871 | 420530.31 | 3764325.91 | 7.43898 |
| 420550.31 | 3764325.91 | 7.83916 | 420570.31 | 3764325.91 | 8.22886 |
| 420590.31 | 3764325.91 | 8.51840 | 420410.31 | 3764345.91 | 5.60240 |
| 420430.31 | 3764345.91 | 5.79559 | 420450.31 | 3764345.91 | 5.95825 |
| 420470.31 | 3764345.91 | 6.16415 | 420490.31 | 3764345.91 | 6.45417 |
| 420510.31 | 3764345.91 | 6.79519 | 420530.31 | 3764345.91 | 7.04932 |
| 420550.31 | 3764345.91 | 7.35533 | 420570.31 | 3764345.91 | 7.68001 |
| 420430.31 | 3764365.91 | 5.52066 | 420450.31 | 3764365.91 | 5.66968 |
| 420470.31 | 3764365.91 | 5.83435 | 420490.31 | 3764365.91 | 6.06942 |
| 420510.31 | 3764365.91 | 6.37679 | 420530.31 | 3764365.91 | 6.69709 |
| 420550.31 | 3764365.91 | 6.94899 | 420570.31 | 3764365.91 | 7.16050 |
| 420450.31 | 3764385.91 | 5.44322 | 420470.31 | 3764385.91 | 5.57641 |

| | | | | | |
|---|---|---|---|---|---|
| 420490.31 | 3764385.91 | 5.73175 | 420510.31 | 3764385.91 | 5.95807 |
| 420530.31 | 3764385.91 | 6.35865 | 420550.31 | 3764385.91 | 6.58058 |
| 420470.31 | 3764405.91 | 5.32775 | 420490.31 | 3764405.91 | 5.47915 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 5.66396 | 420530.31 | 3764405.91 | 5.92725 |
| 420490.31 | 3764425.91 | 5.20487 | 420510.31 | 3764425.91 | 5.33174 |
| 420504.61 | 3764167.94 | 11.69993 | 420511.08 | 3764158.02 | 12.32714 |
| 420524.44 | 3764147.67 | 13.32671 | 420535.23 | 3764136.03 | 14.25204 |
| 420493.83 | 3764108.43 | 13.06082 | 420483.05 | 3764124.38 | 12.06777 |
| 420469.25 | 3764140.34 | 11.06207 | 420454.16 | 3764160.60 | 10.05133 |
| 420443.38 | 3764173.11 | 9.46790 | 420427.85 | 3764193.38 | 8.54101 |
| 420417.51 | 3764210.62 | 7.95668 | 420405.86 | 3764224.42 | 7.41181 |
| 420389.91 | 3764241.24 | 6.86481 | 420379.13 | 3764258.92 | 6.40476 |
| 420362.74 | 3764275.31 | 5.95467 | 420351.10 | 3764286.95 | 5.63721 |
| 420518.84 | 3764071.76 | 15.74844 | 420534.99 | 3764080.89 | 16.50398 |
| 420548.34 | 3764092.83 | 16.97883 | 420571.51 | 3764110.38 | 17.38112 |
| 420591.17 | 3764123.02 | 18.41305 | 420605.91 | 3764135.66 | 18.41998 |
| 420622.06 | 3764145.49 | 18.79664 | 420640.32 | 3764160.23 | 19.17778 |
| 420614.34 | 3764193.23 | 15.53079 | 420580.63 | 3764167.96 | 14.88532 |
| 420565.89 | 3764182.00 | 13.70688 | 420553.95 | 3764191.13 | 12.83850 |
| 420597.49 | 3764203.77 | 13.89489 | 420591.87 | 3764223.43 | 12.81718 |
| 420539.91 | 3764200.26 | 11.86247 | 420606.61 | 3764240.98 | 12.48910 |
| 420629.08 | 3764250.81 | 12.80133 | 420648.74 | 3764238.87 | 13.83784 |
| 420651.55 | 3764222.73 | 15.05866 | 420660.68 | 3764207.98 | 16.24736 |
| 420667.00 | 3764195.34 | 17.54395 | 420681.74 | 3764181.30 | 19.85782 |
| 420712.64 | 3764215.70 | 17.06477 | 420695.09 | 3764229.75 | 15.38088 |
| 420732.30 | 3764227.64 | 16.70283 | 420747.05 | 3764238.17 | 16.47472 |
| 420767.41 | 3764245.19 | 16.70868 | 420681.04 | 3764247.30 | 13.79167 |
| 420668.40 | 3764264.85 | 12.42318 | 420655.06 | 3764283.11 | 11.19533 |
| 420641.02 | 3764297.86 | 10.26883 | 420638.21 | 3764314.71 | 9.64441 |
| 420629.08 | 3764330.86 | 8.96271 | 420619.25 | 3764349.11 | 8.27122 |
| 420605.91 | 3764381.41 | 7.15610 | 420599.59 | 3764395.46 | 6.79266 |
| 420572.91 | 3764397.56 | 6.45950 | 420563.78 | 3764415.82 | 6.00841 |
| 420537.80 | 3764434.78 | 5.28445 | 420556.76 | 3764436.18 | 5.34033 |
| 420575.72 | 3764441.10 | 5.30393 | 420589.76 | 3764450.93 | 5.25047 |
| 420638.21 | 3764481.82 | 5.16754 | 420641.02 | 3764463.56 | 5.55818 |
| 420648.74 | 3764446.01 | 5.97552 | 420652.96 | 3764423.54 | 6.57584 |
| 420652.96 | 3764410.90 | 6.93154 | 420650.85 | 3764387.03 | 7.56600 |
| 420295.36 | 3764152.91 | 6.30382 | 420331.87 | 3764188.02 | 6.58764 |
| 420353.64 | 3764208.38 | 6.63144 | 420339.59 | 3764226.64 | 6.19120 |
| 420327.66 | 3764237.87 | 5.87244 | 420317.83 | 3764252.62 | 5.59634 |

| | | | | | |
|---|---|---|---|---|---|
| 420300.27 | 3764231.55 | 5.54957 | 420285.53 | 3764216.81 | 5.50242 |
| 420271.48 | 3764206.28 | 5.38556 | 420260.25 | 3764195.04 | 5.33081 |
| 420283.42 | 3764171.17 | 5.97086 | 420268.56 | 3763810.41 | 7.94165 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 10.39378 | 420470.31 | 3764185.91 | 9.86757 |
| 420490.31 | 3764185.91 | 10.51272 | 420450.31 | 3764205.91 | 8.83228 |
| 420470.31 | 3764205.91 | 9.35108 | 420490.31 | 3764205.91 | 9.90346 |
| 420510.31 | 3764205.91 | 10.53339 | 420530.31 | 3764205.91 | 11.31193 |
| 420430.31 | 3764225.91 | 7.92841 | 420450.31 | 3764225.91 | 8.36158 |
| 420470.31 | 3764225.91 | 8.83738 | 420490.31 | 3764225.91 | 9.34194 |
| 420510.31 | 3764225.91 | 9.88758 | 420530.31 | 3764225.91 | 10.50848 |
| 420550.31 | 3764225.91 | 11.07467 | 420410.31 | 3764245.91 | 7.12571 |
| 420430.31 | 3764245.91 | 7.53446 | 420450.31 | 3764245.91 | 7.92757 |
| 420470.31 | 3764245.91 | 8.35358 | 420490.31 | 3764245.91 | 8.79091 |
| 420510.31 | 3764245.91 | 9.26385 | 420530.31 | 3764245.91 | 9.82464 |
| 420550.31 | 3764245.91 | 10.33578 | 420570.31 | 3764245.91 | 10.94755 |
| 420410.31 | 3764265.91 | 6.81657 | 420430.31 | 3764265.91 | 7.15279 |
| 420450.31 | 3764265.91 | 7.51144 | 420470.31 | 3764265.91 | 7.87851 |
| 420490.31 | 3764265.91 | 8.25997 | 420510.31 | 3764265.91 | 8.67941 |
| 420530.31 | 3764265.91 | 9.19077 | 420550.31 | 3764265.91 | 9.66285 |
| 420570.31 | 3764265.91 | 10.14083 | 420590.31 | 3764265.91 | 10.67761 |
| 420610.31 | 3764265.91 | 11.30101 | 420390.31 | 3764285.91 | 6.19016 |
| 420410.31 | 3764285.91 | 6.48531 | 420430.31 | 3764285.91 | 6.79494 |
| 420450.31 | 3764285.91 | 7.10576 | 420470.31 | 3764285.91 | 7.39785 |
| 420162.22 | 3763820.99 | 5.56687 | 420180.57 | 3763830.04 | 5.79139 |
| 420200.57 | 3763830.04 | 6.09187 | 420200.57 | 3763850.04 | 6.05672 |
| 420220.57 | 3763850.04 | 6.37833 | 420240.57 | 3763850.04 | 6.74948 |
| 420160.57 | 3763870.04 | 5.41886 | 420180.57 | 3763870.04 | 5.69979 |
| 420220.57 | 3763870.04 | 6.32046 | 420240.57 | 3763870.04 | 6.66380 |
| 420260.57 | 3763870.04 | 7.06418 | 420160.57 | 3763890.04 | 5.35688 |
| 420200.57 | 3763890.04 | 5.93399 | 420260.57 | 3763890.04 | 6.98416 |
| 420280.57 | 3763890.04 | 7.37293 | 420140.57 | 3763910.04 | 5.06474 |
| 420200.57 | 3763910.04 | 5.83402 | 420220.57 | 3763910.04 | 6.17847 |
| 420280.57 | 3763910.04 | 7.29412 | 420300.57 | 3763910.04 | 7.72091 |
| 420160.57 | 3763930.04 | 5.21212 | 420180.57 | 3763930.04 | 5.45252 |
| 420220.57 | 3763930.04 | 6.06402 | 420240.57 | 3763930.04 | 6.40037 |
| 420260.57 | 3763930.04 | 6.79681 | 420320.57 | 3763930.04 | 8.05875 |
| 420340.57 | 3763930.04 | 8.57149 | 420120.57 | 3763950.04 | 4.67926 |
| 420140.57 | 3763950.04 | 4.89074 | 420200.57 | 3763950.04 | 5.65354 |
| 420220.57 | 3763950.04 | 5.93921 | 420260.57 | 3763950.04 | 6.64565 |
| 420280.57 | 3763950.04 | 7.05296 | 420340.57 | 3763950.04 | 8.42820 |

| | | | | | |
|---|---|---|---|---|---|
| 420360.57 | 3763950.04 | 8.99201 | 420120.57 | 3763970.04 | 4.60010 |
| 420140.57 | 3763970.04 | 4.80324 | 420160.57 | 3763970.04 | 5.05488 |
| 420240.57 | 3763970.04 | 6.14197 | 420300.57 | 3763970.04 | 7.32287 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 8.25228 | 420360.57 | 3763970.04 | 8.80419 |
| 420100.57 | 3763990.04 | 4.35212 | 420120.57 | 3763990.04 | 4.52840 |
| 420160.57 | 3763990.04 | 4.94980 | 420180.57 | 3763990.04 | 5.21607 |
| 420240.57 | 3763990.04 | 6.03418 | 420260.57 | 3763990.04 | 6.33709 |
| 420280.57 | 3763990.04 | 6.71286 | 420340.57 | 3763990.04 | 8.06259 |
| 420120.57 | 3764010.04 | 4.45443 | 420140.57 | 3764010.04 | 4.64326 |
| 420160.57 | 3764010.04 | 4.88425 | 420200.57 | 3764010.04 | 5.36936 |
| 420220.57 | 3764010.04 | 5.63048 | 420280.57 | 3764010.04 | 6.57950 |
| 420320.57 | 3764010.04 | 7.38473 | 420400.57 | 3764010.04 | 9.43967 |
| 420420.57 | 3764010.04 | 10.10556 | 420440.57 | 3764010.04 | 10.84432 |
| 420180.57 | 3764030.04 | 5.00903 | 420200.57 | 3764030.04 | 5.23111 |
| 420240.57 | 3764030.04 | 5.79792 | 420300.57 | 3764030.04 | 6.81999 |
| 420320.57 | 3764030.04 | 7.19221 | 420400.57 | 3764030.04 | 9.13104 |
| 420440.57 | 3764030.04 | 10.47593 | 420460.57 | 3764030.04 | 11.29608 |
| 420180.57 | 3764050.04 | 4.87235 | 420200.57 | 3764050.04 | 5.09193 |
| 420240.57 | 3764050.04 | 5.63089 | 420280.57 | 3764050.04 | 6.27537 |
| 420380.57 | 3764050.04 | 8.26627 | 420480.57 | 3764050.04 | 11.66473 |
| 420200.57 | 3764070.04 | 4.98002 | 420220.57 | 3764070.04 | 5.24163 |
| 420260.57 | 3764070.04 | 5.79444 | 420280.57 | 3764070.04 | 6.07095 |
| 420360.57 | 3764070.04 | 7.55503 | 420420.57 | 3764070.04 | 9.07285 |
| 420440.57 | 3764070.04 | 9.68009 | 420260.57 | 3764090.04 | 5.61298 |
| 420340.57 | 3764090.04 | 6.89228 | 420400.57 | 3764090.04 | 8.21468 |
| 420420.57 | 3764090.04 | 8.69921 | 420440.57 | 3764090.04 | 9.27590 |
| 420460.57 | 3764090.04 | 9.97227 | 420260.57 | 3764110.04 | 5.41478 |
| 420340.57 | 3764110.04 | 6.65203 | 420400.57 | 3764110.04 | 7.86222 |
| 420420.57 | 3764110.04 | 8.35329 | 420440.57 | 3764110.04 | 8.91171 |
| 420320.57 | 3764130.04 | 6.06461 | 420380.57 | 3764130.04 | 7.14318 |
| 420400.57 | 3764130.04 | 7.54573 | 420420.57 | 3764130.04 | 8.02805 |
| 420360.57 | 3764150.04 | 6.51711 | 420400.57 | 3764150.04 | 7.24038 |
| 420340.57 | 3764170.04 | 5.95151 | 420380.57 | 3764170.04 | 6.57151 |
| 420400.57 | 3764170.04 | 6.94891 | 420380.57 | 3764190.04 | 6.30534 |
| 420714.65 | 3764272.44 | 10.34409 | 420734.65 | 3764284.40 | 10.06016 |
| 420754.65 | 3764284.40 | 10.30682 | 420280.59 | 3763433.11 | 6.43252 |
| 420260.59 | 3763453.11 | 6.29926 | 420260.59 | 3763473.11 | 6.43497 |
| 420233.62 | 3763487.75 | 6.14240 | 420253.62 | 3763507.75 | 6.53244 |
| 420200.59 | 3763533.11 | 5.86483 | 420223.55 | 3763541.34 | 6.21962 |
| 420240.59 | 3763533.11 | 6.44840 | 420179.16 | 3763563.83 | 5.66901 |

| | | | | | |
|---|---|---|---|---|---|
| 420200.59 | 3763573.11 | 5.98827 | 420234.64 | 3763578.58 | 6.52341 |
| 420200.59 | 3763593.11 | 6.03789 | 420160.59 | 3763613.11 | 5.52814 |
| 420138.25 | 3763640.23 | 5.28326 | 420200.59 | 3763613.11 | 6.08444 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 5.82826 | 420172.25 | 3763655.96 | 5.74180 |
| 420160.59 | 3763673.11 | 5.60276 | 420160.59 | 3763693.11 | 5.62146 |
| 420092.84 | 3763719.31 | 4.80435 | 420140.59 | 3763713.11 | 5.36678 |
| 420120.59 | 3763733.11 | 5.12549 | 420804.93 | 3764263.30 | 11.65824 |
| 420820.93 | 3764270.66 | 11.34932 | 420839.88 | 3764276.55 | 11.09883 |
| 420860.72 | 3764279.50 | 10.89835 | 420880.72 | 3764279.50 | 10.84173 |
| 420892.72 | 3764288.76 | 10.21482 | 420900.72 | 3764299.50 | 9.83798 |
| 420920.72 | 3764299.50 | 9.83675 | 420980.72 | 3764299.50 | 9.71698 |
| 420740.72 | 3764319.50 | 8.80907 | 420780.72 | 3764319.50 | 9.07200 |
| 420800.72 | 3764319.50 | 9.08849 | 420820.72 | 3764319.50 | 9.13350 |
| 420840.72 | 3764319.50 | 9.15491 | 420940.72 | 3764319.50 | 8.91628 |
| 420980.72 | 3764319.50 | 8.78381 | 421003.29 | 3764310.49 | 9.01820 |
| 421023.29 | 3764310.49 | 8.72090 | 421043.29 | 3764310.49 | 8.64526 |
| 421063.29 | 3764310.49 | 8.55958 | 421083.29 | 3764310.49 | 8.48612 |
| 421103.29 | 3764310.49 | 8.43404 | 421123.29 | 3764310.49 | 8.39870 |
| 421143.29 | 3764310.49 | 8.35618 | 421163.29 | 3764310.49 | 8.31210 |
| 421183.29 | 3764310.49 | 8.26485 | 421203.29 | 3764310.49 | 8.22245 |
| 421223.29 | 3764310.49 | 8.19482 | 421243.29 | 3764310.49 | 8.13412 |
| 421263.29 | 3764310.49 | 8.06451 | 421283.29 | 3764310.49 | 7.98843 |
| 421303.29 | 3764310.49 | 7.90742 | 420760.72 | 3764339.50 | 8.31684 |
| 420860.72 | 3764339.50 | 8.48109 | 420880.72 | 3764339.50 | 8.45132 |
| 420920.72 | 3764339.50 | 8.33860 | 420980.72 | 3764339.50 | 7.95089 |
| 420700.42 | 3764305.37 | 8.70010 | 420780.72 | 3764359.50 | 7.71476 |
| 420800.72 | 3764359.50 | 7.74392 | 420823.92 | 3764366.20 | 7.57930 |
| 420920.72 | 3764359.50 | 7.51775 | 420980.72 | 3764359.50 | 7.12807 |
| 421010.96 | 3764363.22 | 7.06653 | 421030.96 | 3764363.22 | 7.04182 |
| 421050.96 | 3764363.22 | 6.97285 | 421070.96 | 3764363.22 | 6.91406 |
| 421090.96 | 3764363.22 | 6.85376 | 421110.96 | 3764363.22 | 6.80214 |
| 421130.96 | 3764363.22 | 6.73947 | 421150.96 | 3764363.22 | 6.68564 |
| 421170.96 | 3764363.22 | 6.72266 | 421190.96 | 3764368.75 | 6.54103 |
| 421210.17 | 3764368.36 | 6.55603 | 421230.17 | 3764368.36 | 6.56357 |
| 421250.17 | 3764368.36 | 6.54627 | 421270.17 | 3764368.36 | 6.51671 |
| 421290.17 | 3764368.36 | 6.48750 | 421310.17 | 3764368.36 | 6.45750 |
| 420843.63 | 3764371.64 | 7.37381 | 420860.72 | 3764379.50 | 7.08912 |
| 420880.72 | 3764379.50 | 6.91493 | 420898.39 | 3764385.33 | 6.60850 |
| 420980.72 | 3764379.50 | 6.33411 | 420760.72 | 3764399.50 | 6.62189 |
| 420780.72 | 3764399.50 | 6.67500 | 420920.72 | 3764399.50 | 6.16075 |

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|---|---|---|---|---|---|
| 420940.72 | 3764399.50 | 6.18671 | 420980.72 | 3764399.50 | 5.65004 |
| 420746.30 | 3764412.53 | 6.25425 | 420780.72 | 3764419.50 | 6.13173 |
| 420820.72 | 3764419.50 | 6.32977 | 420840.72 | 3764419.50 | 6.28433 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 5.58202 | 420980.72 | 3764419.50 | 5.10084 |
| 421013.06 | 3764405.83 | 5.20652 | 421033.06 | 3764405.83 | 5.09325 |
| 421053.06 | 3764405.83 | 5.05011 | 421073.06 | 3764405.83 | 5.01402 |
| 421093.06 | 3764405.83 | 4.97524 | 421113.06 | 3764405.83 | 4.93681 |
| 421133.06 | 3764405.83 | 4.89029 | 421160.72 | 3764419.50 | 4.50783 |
| 421180.72 | 3764419.50 | 4.55259 | 421220.72 | 3764419.50 | 5.26033 |
| 421233.28 | 3764408.34 | 5.57707 | 421253.28 | 3764408.34 | 5.58247 |
| 421273.28 | 3764408.34 | 5.61871 | 421293.28 | 3764408.34 | 5.61939 |
| 420746.30 | 3764432.53 | 5.78130 | 420780.72 | 3764439.50 | 5.71364 |
| 420820.72 | 3764439.50 | 5.87774 | 420860.72 | 3764439.50 | 5.69148 |
| 420880.72 | 3764439.50 | 5.59438 | 420940.72 | 3764439.50 | 5.16447 |
| 420980.72 | 3764439.50 | 4.66924 | 420994.21 | 3764452.98 | 4.37799 |
| 421014.21 | 3764452.98 | 4.31164 | 421034.21 | 3764452.98 | 4.24773 |
| 421054.21 | 3764452.98 | 4.20053 | 421074.21 | 3764452.98 | 4.17066 |
| 421094.21 | 3764452.98 | 4.14926 | 421114.21 | 3764452.98 | 4.11302 |
| 421134.21 | 3764452.98 | 4.05364 | 421180.72 | 3764439.50 | 4.15471 |
| 421220.72 | 3764439.50 | 4.85272 | 420737.00 | 3764452.99 | 5.35506 |
| 420780.72 | 3764459.50 | 5.36074 | 420820.72 | 3764459.50 | 5.40755 |
| 420920.72 | 3764459.50 | 4.69302 | 421134.21 | 3764472.98 | 3.64167 |
| 421180.72 | 3764459.50 | 3.79109 | 421200.72 | 3764459.50 | 3.78785 |
| 421233.28 | 3764448.34 | 4.72334 | 421252.35 | 3764459.04 | 4.71710 |
| 421293.28 | 3764448.34 | 4.96896 | 420737.00 | 3764472.99 | 5.02075 |
| 420820.72 | 3764479.50 | 4.97165 | 420871.79 | 3764475.04 | 4.30011 |
| 420920.72 | 3764479.50 | 4.19466 | 421180.72 | 3764479.50 | 3.46892 |
| 421200.72 | 3764479.50 | 3.40748 | 421260.72 | 3764479.50 | 4.36664 |
| 421280.72 | 3764479.50 | 4.50880 | 420737.00 | 3764492.99 | 4.70016 |
| 420767.69 | 3764492.53 | 4.71674 | 420820.72 | 3764499.50 | 4.57782 |
| 420871.79 | 3764495.04 | 3.87912 | 420920.72 | 3764499.50 | 3.85253 |
| 421114.21 | 3764512.98 | 2.67571 | 421134.21 | 3764512.98 | 2.78180 |
| 421200.72 | 3764499.50 | 3.13617 | 421280.72 | 3764499.50 | 4.25972 |
| 420730.48 | 3764507.70 | 4.49819 | 420767.69 | 3764512.53 | 4.36972 |
| 420820.72 | 3764519.50 | 4.18540 | 420871.79 | 3764515.04 | 3.53500 |
| 420920.72 | 3764519.50 | 3.43486 | 421000.26 | 3764522.29 | 2.27510 |
| 421020.26 | 3764522.29 | 2.25986 | 421040.26 | 3764522.29 | 2.31187 |
| 421060.26 | 3764522.29 | 2.37698 | 421080.26 | 3764522.29 | 2.45380 |
| 421200.72 | 3764519.50 | 2.93478 | 421280.72 | 3764519.50 | 4.02978 |
| 420730.48 | 3764527.70 | 4.24578 | 420767.69 | 3764532.53 | 4.05598 |

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|---|---|---|---|---|---|
| 420820.72 | 3764539.50 | 3.82529 | 420860.72 | 3764539.50 | 3.24091 |
| 420920.72 | 3764539.50 | 3.05301 | 420980.72 | 3764539.50 | 2.09347 |
| 421160.72 | 3764539.50 | 2.68016 | 421180.72 | 3764539.50 | 2.74804 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 3.81955 | 420860.72 | 3764559.50 | 2.94689 |
| 420909.07 | 3764562.58 | 2.84665 | 420980.72 | 3764559.50 | 1.98827 |
| 421040.72 | 3764559.50 | 2.04993 | 421080.72 | 3764559.50 | 2.23582 |
| 421100.72 | 3764559.50 | 2.29213 | 421120.72 | 3764559.50 | 2.35892 |
| 421140.72 | 3764559.50 | 2.42593 | 421160.72 | 3764559.50 | 2.49789 |
| 420960.72 | 3764579.50 | 1.96353 | 421020.72 | 3764579.50 | 1.93063 |
| 420680.84 | 3764330.64 | 7.63393 | 420720.84 | 3764330.64 | 8.12274 |
| 420660.84 | 3764350.64 | 6.94816 | 420692.00 | 3764425.97 | 5.72445 |
| 420720.84 | 3764350.64 | 7.69108 | 420660.84 | 3764370.64 | 6.45174 |
| 420700.84 | 3764370.64 | 6.84468 | 420700.84 | 3764390.64 | 6.41030 |
| 420700.84 | 3764410.64 | 6.06882 | 420680.84 | 3764450.64 | 5.15625 |
| 420680.84 | 3764470.64 | 4.82199 | 420680.84 | 3764490.64 | 4.52337 |
| 420101.08 | 3763674.83 | 4.89058 | 420083.47 | 3763665.61 | 4.70080 |
| 420070.89 | 3763688.25 | 4.58430 | 420083.05 | 3763697.47 | 4.70541 |
| 420043.64 | 3763644.22 | 4.30605 | 420057.47 | 3763625.35 | 4.41784 |
| 420067.12 | 3763611.93 | 4.49481 | 420079.70 | 3763600.61 | 4.60294 |
| 420101.50 | 3763588.45 | 4.80771 | 420107.79 | 3763573.35 | 4.85080 |
| 420119.53 | 3763558.68 | 4.95087 | 420130.02 | 3763541.07 | 5.03191 |
| 420141.76 | 3763528.91 | 5.13599 | 420177.06 | 3763505.07 | 5.47961 |
| 420182.52 | 3763490.53 | 5.50546 | 420189.79 | 3763470.23 | 5.51089 |
| 420205.24 | 3763456.30 | 5.63036 | 420211.91 | 3763443.87 | 5.65720 |
| 420221.30 | 3763427.51 | 5.66959 | 420233.11 | 3763414.79 | 5.72061 |
| 420187.06 | 3763375.10 | 5.25219 | 420174.04 | 3763398.73 | 5.17620 |
| 420159.80 | 3763419.94 | 5.02856 | 420144.65 | 3763435.69 | 4.88817 |
| 420157.37 | 3763449.33 | 5.10197 | 420203.21 | 3763366.33 | 5.33135 |
| 420212.30 | 3763349.37 | 5.27945 | 420110.79 | 3763789.57 | 4.74303 |
| 420095.76 | 3763777.27 | 4.60676 | 420082.79 | 3763760.88 | 4.54879 |
| 420069.13 | 3763754.06 | 4.40020 | 420054.11 | 3763743.13 | 4.25015 |
| 420101.91 | 3763822.34 | 4.62779 | 420083.47 | 3763829.85 | 4.40368 |
| 420062.30 | 3763818.25 | 4.23128 | 420054.11 | 3763806.64 | 4.17697 |
| 420037.04 | 3763795.71 | 4.04921 | 420087.94 | 3763866.45 | 4.41052 |
| 420066.97 | 3763858.48 | 4.22123 | 420049.36 | 3763847.57 | 4.09258 |
| 420032.58 | 3763850.93 | 3.95940 | 420490.31 | 3764285.91 | 6.35018 |
| 420510.31 | 3764285.91 | 6.63006 | 420530.31 | 3764285.91 | 6.93095 |
| 420550.31 | 3764285.91 | 7.24346 | 420570.31 | 3764285.91 | 7.54367 |
| 420590.31 | 3764285.91 | 7.82578 | 420610.31 | 3764285.91 | 8.09128 |
| 420390.31 | 3764305.91 | 4.96126 | 420410.31 | 3764305.91 | 5.15441 |

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|---|---|---|---|---|---|
| 420430.31 | 3764305.91 | 5.37903 | 420450.31 | 3764305.91 | 5.57642 |
| 420470.31 | 3764305.91 | 5.78321 | 420490.31 | 3764305.91 | 6.00280 |
| 420510.31 | 3764305.91 | 6.23579 | 420530.31 | 3764305.91 | 6.48458 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 6.78169 | 420570.31 | 3764305.91 | 7.06215 |
| 420590.31 | 3764305.91 | 7.29948 | 420610.31 | 3764305.91 | 7.48922 |
| 420390.31 | 3764325.91 | 4.72708 | 420410.31 | 3764325.91 | 4.89861 |
| 420430.31 | 3764325.91 | 5.11676 | 420450.31 | 3764325.91 | 5.28344 |
| 420470.31 | 3764325.91 | 5.48307 | 420490.31 | 3764325.91 | 5.68296 |
| 420510.31 | 3764325.91 | 5.87828 | 420530.31 | 3764325.91 | 6.08228 |
| 420550.31 | 3764325.91 | 6.35541 | 420570.31 | 3764325.91 | 6.61872 |
| 420590.31 | 3764325.91 | 6.82605 | 420410.31 | 3764345.91 | 4.70484 |
| 420430.31 | 3764345.91 | 4.85298 | 420450.31 | 3764345.91 | 4.98248 |
| 420470.31 | 3764345.91 | 5.13863 | 420490.31 | 3764345.91 | 5.34632 |
| 420510.31 | 3764345.91 | 5.58333 | 420530.31 | 3764345.91 | 5.76802 |
| 420550.31 | 3764345.91 | 5.98247 | 420570.31 | 3764345.91 | 6.20651 |
| 420430.31 | 3764365.91 | 4.62847 | 420450.31 | 3764365.91 | 4.74678 |
| 420470.31 | 3764365.91 | 4.87467 | 420490.31 | 3764365.91 | 5.04632 |
| 420510.31 | 3764365.91 | 5.26125 | 420530.31 | 3764365.91 | 5.48177 |
| 420550.31 | 3764365.91 | 5.66108 | 420570.31 | 3764365.91 | 5.81651 |
| 420450.31 | 3764385.91 | 4.55302 | 420470.31 | 3764385.91 | 4.65920 |
| 420490.31 | 3764385.91 | 4.77896 | 420510.31 | 3764385.91 | 4.94271 |
| 420530.31 | 3764385.91 | 5.20918 | 420550.31 | 3764385.91 | 5.36787 |
| 420470.31 | 3764405.91 | 4.45292 | 420490.31 | 3764405.91 | 4.56825 |
| 420510.31 | 3764405.91 | 4.70412 | 420530.31 | 3764405.91 | 4.88701 |
| 420490.31 | 3764425.91 | 4.34744 | 420510.31 | 3764425.91 | 4.44554 |
| 420504.61 | 3764167.94 | 9.40045 | 420511.08 | 3764158.02 | 9.86903 |
| 420524.44 | 3764147.67 | 10.60049 | 420535.23 | 3764136.03 | 11.31338 |
| 420493.83 | 3764108.43 | 10.62554 | 420483.05 | 3764124.38 | 9.84434 |
| 420469.25 | 3764140.34 | 9.05892 | 420454.16 | 3764160.60 | 8.25701 |
| 420443.38 | 3764173.11 | 7.79216 | 420427.85 | 3764193.38 | 7.07885 |
| 420417.51 | 3764210.62 | 6.61623 | 420405.86 | 3764224.42 | 6.19875 |
| 420389.91 | 3764241.24 | 5.76256 | 420379.13 | 3764258.92 | 5.39796 |
| 420362.74 | 3764275.31 | 5.03836 | 420351.10 | 3764286.95 | 4.78868 |
| 420518.84 | 3764071.76 | 12.75947 | 420534.99 | 3764080.89 | 13.23338 |
| 420548.34 | 3764092.83 | 13.46611 | 420571.51 | 3764110.38 | 13.68942 |
| 420591.17 | 3764123.02 | 14.20918 | 420605.91 | 3764135.66 | 14.16070 |
| 420622.06 | 3764145.49 | 14.33727 | 420640.32 | 3764160.23 | 14.39136 |
| 420614.34 | 3764193.23 | 11.81478 | 420580.63 | 3764167.96 | 11.62352 |
| 420565.89 | 3764182.00 | 10.71844 | 420553.95 | 3764191.13 | 10.08550 |
| 420597.49 | 3764203.77 | 10.76476 | 420591.87 | 3764223.43 | 9.94666 |

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|---|---|---|---|---|---|
| 420539.91 | 3764200.26 | 9.40359 | 420606.61 | 3764240.98 | 9.66329 |
| 420629.08 | 3764250.81 | 9.80890 | 420648.74 | 3764238.87 | 10.57657 |
| 420651.55 | 3764222.73 | 11.40355 | 420660.68 | 3764207.98 | 12.27941 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2_IDLE ***
INCLUDING SOURCE(S): STCK25 , STCK26 , STCK27 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 13.16590 | 420681.74 | 3764181.30 | 14.63620 |
| 420712.64 | 3764215.70 | 12.87907 | 420695.09 | 3764229.75 | 11.72490 |
| 420732.30 | 3764227.64 | 12.57898 | 420747.05 | 3764238.17 | 12.32634 |
| 420767.41 | 3764245.19 | 12.35518 | 420681.04 | 3764247.30 | 10.61364 |
| 420668.40 | 3764264.85 | 9.65072 | 420655.06 | 3764283.11 | 8.77365 |
| 420641.02 | 3764297.86 | 8.10744 | 420638.21 | 3764314.71 | 7.63293 |
| 420629.08 | 3764330.86 | 7.12831 | 420619.25 | 3764349.11 | 6.61532 |
| 420605.91 | 3764381.41 | 5.80158 | 420599.59 | 3764395.46 | 5.52334 |
| 420572.91 | 3764397.56 | 5.28517 | 420563.78 | 3764415.82 | 4.94355 |
| 420537.80 | 3764434.78 | 4.41711 | 420556.76 | 3764436.18 | 4.46338 |
| 420575.72 | 3764441.10 | 4.43835 | 420589.76 | 3764450.93 | 4.39143 |
| 420638.21 | 3764481.82 | 4.30304 | 420641.02 | 3764463.56 | 4.59677 |
| 420648.74 | 3764446.01 | 4.90952 | 420652.96 | 3764423.54 | 5.34859 |
| 420652.96 | 3764410.90 | 5.60566 | 420650.85 | 3764387.03 | 6.07307 |
| 420295.36 | 3764152.91 | 5.45002 | 420331.87 | 3764188.02 | 5.62033 |
| 420353.64 | 3764208.38 | 5.63959 | 420339.59 | 3764226.64 | 5.27665 |
| 420327.66 | 3764237.87 | 5.02057 | 420317.83 | 3764252.62 | 4.78992 |
| 420300.27 | 3764231.55 | 4.77814 | 420285.53 | 3764216.81 | 4.75423 |
| 420271.48 | 3764206.28 | 4.67552 | 420260.25 | 3764195.04 | 4.64292 |
| 420283.42 | 3764171.17 | 5.15997 | 420972.38 | 3763271.71 | 6.30261 |
| 420913.80 | 3763329.33 | 7.60434 | 420955.88 | 3763316.14 | 7.13829 |
| 421011.82 | 3763312.84 | 6.76955 | 420869.05 | 3763382.67 | 9.10056 |
| 420913.80 | 3763379.33 | 8.79473 | 420955.88 | 3763366.14 | 8.18953 |
| 421011.82 | 3763362.84 | 7.69745 | 420906.65 | 3763419.80 | 10.03292 |
| 420955.88 | 3763416.14 | 9.49901 | 421011.82 | 3763412.84 | 8.85063 |
| 421009.84 | 3763454.26 | 10.04418 | 420679.66 | 3764117.07 | 28.05754 |
| 420692.12 | 3764098.22 | 33.23132 | 420703.14 | 3764099.09 | 34.60857 |
| 420702.56 | 3764144.04 | 26.09728 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 1.71382 | 420180.57 | 3763830.04 | 1.77353 |
| 420200.57 | 3763830.04 | 1.87046 | 420200.57 | 3763850.04 | 1.81242 |
| 420220.57 | 3763850.04 | 1.91261 | 420240.57 | 3763850.04 | 2.02229 |
| 420160.57 | 3763870.04 | 1.58524 | 420180.57 | 3763870.04 | 1.66587 |
| 420220.57 | 3763870.04 | 1.84782 | 420240.57 | 3763870.04 | 1.95088 |
| 420260.57 | 3763870.04 | 2.06381 | 420160.57 | 3763890.04 | 1.53448 |
| 420200.57 | 3763890.04 | 1.69301 | 420260.57 | 3763890.04 | 1.98464 |
| 420280.57 | 3763890.04 | 2.09949 | 420140.57 | 3763910.04 | 1.41701 |
| 420200.57 | 3763910.04 | 1.63216 | 420220.57 | 3763910.04 | 1.71611 |
| 420280.57 | 3763910.04 | 2.01200 | 420300.57 | 3763910.04 | 2.12853 |
| 420160.57 | 3763930.04 | 1.43191 | 420180.57 | 3763930.04 | 1.49894 |
| 420220.57 | 3763930.04 | 1.64957 | 420240.57 | 3763930.04 | 1.73390 |
| 420260.57 | 3763930.04 | 1.82553 | 420320.57 | 3763930.04 | 2.14862 |
| 420340.57 | 3763930.04 | 2.27647 | 420120.57 | 3763950.04 | 1.26730 |
| 420140.57 | 3763950.04 | 1.32208 | 420200.57 | 3763950.04 | 1.51096 |
| 420220.57 | 3763950.04 | 1.58336 | 420260.57 | 3763950.04 | 1.74605 |
| 420280.57 | 3763950.04 | 1.83735 | 420340.57 | 3763950.04 | 2.15885 |
| 420360.57 | 3763950.04 | 2.28550 | 420120.57 | 3763970.04 | 1.22362 |
| 420140.57 | 3763970.04 | 1.23698 | 420160.57 | 3763970.04 | 1.33003 |
| 420240.57 | 3763970.04 | 1.59012 | 420300.57 | 3763970.04 | 1.84156 |
| 420340.57 | 3763970.04 | 2.04353 | 420360.57 | 3763970.04 | 2.15742 |
| 420100.57 | 3763990.04 | 1.13545 | 420120.57 | 3763990.04 | 1.14513 |
| 420160.57 | 3763990.04 | 1.23972 | 420180.57 | 3763990.04 | 1.33422 |
| 420240.57 | 3763990.04 | 1.52028 | 420260.57 | 3763990.04 | 1.53733 |
| 420280.57 | 3763990.04 | 1.66721 | 420340.57 | 3763990.04 | 1.93161 |
| 420120.57 | 3764010.04 | 1.10278 | 420140.57 | 3764010.04 | 1.14479 |
| 420160.57 | 3764010.04 | 1.23020 | 420200.57 | 3764010.04 | 1.33431 |
| 420220.57 | 3764010.04 | 1.39119 | 420280.57 | 3764010.04 | 1.58583 |
| 420320.57 | 3764010.04 | 1.73890 | 420400.57 | 3764010.04 | 2.11413 |
| 420420.57 | 3764010.04 | 2.22533 | 420440.57 | 3764010.04 | 2.34452 |
| 420180.57 | 3764030.04 | 1.18849 | 420200.57 | 3764030.04 | 1.23445 |
| 420240.57 | 3764030.04 | 1.38534 | 420300.57 | 3764030.04 | 1.57380 |
| 420320.57 | 3764030.04 | 1.64444 | 420400.57 | 3764030.04 | 1.97565 |
| 420440.57 | 3764030.04 | 2.17494 | 420460.57 | 3764030.04 | 2.28424 |
| 420180.57 | 3764050.04 | 1.13597 | 420200.57 | 3764050.04 | 1.17862 |
| 420240.57 | 3764050.04 | 1.27451 | 420280.57 | 3764050.04 | 1.43082 |
| 420380.57 | 3764050.04 | 1.70090 | 420480.57 | 3764050.04 | 2.20734 |

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|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 1.12684 | 420220.57 | 3764070.04 | 1.17021 |
| 420260.57 | 3764070.04 | 1.26187 | 420280.57 | 3764070.04 | 1.30941 |
| 420360.57 | 3764070.04 | 1.53218 | 420420.57 | 3764070.04 | 1.79600 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 1.87128 | 420260.57 | 3764090.04 | 1.19783 |
| 420340.57 | 3764090.04 | 1.38627 | 420400.57 | 3764090.04 | 1.61043 |
| 420420.57 | 3764090.04 | 1.61079 | 420440.57 | 3764090.04 | 1.73676 |
| 420460.57 | 3764090.04 | 1.80396 | 420260.57 | 3764110.04 | 1.13622 |
| 420340.57 | 3764110.04 | 1.30559 | 420400.57 | 3764110.04 | 1.44969 |
| 420420.57 | 3764110.04 | 1.50150 | 420440.57 | 3764110.04 | 1.61337 |
| 420320.57 | 3764130.04 | 1.18934 | 420380.57 | 3764130.04 | 1.31276 |
| 420400.57 | 3764130.04 | 1.35566 | 420420.57 | 3764130.04 | 1.40125 |
| 420360.57 | 3764150.04 | 1.19525 | 420400.57 | 3764150.04 | 1.26885 |
| 420340.57 | 3764170.04 | 1.09297 | 420380.57 | 3764170.04 | 1.15564 |
| 420400.57 | 3764170.04 | 1.18879 | 420380.57 | 3764190.04 | 1.08576 |
| 420714.65 | 3764272.44 | 1.10869 | 420734.65 | 3764284.40 | 1.07379 |
| 420754.65 | 3764284.40 | 1.09098 | 420280.59 | 3763433.11 | 3.03810 |
| 420260.59 | 3763453.11 | 2.89370 | 420260.59 | 3763473.11 | 2.90828 |
| 420233.62 | 3763487.75 | 2.69485 | 420253.62 | 3763507.75 | 2.85962 |
| 420200.59 | 3763533.11 | 2.43971 | 420223.55 | 3763541.34 | 2.60359 |
| 420240.59 | 3763533.11 | 2.74453 | 420179.16 | 3763563.83 | 2.27328 |
| 420200.59 | 3763573.11 | 2.40804 | 420234.64 | 3763578.58 | 2.66139 |
| 420200.59 | 3763593.11 | 2.38625 | 420160.59 | 3763613.11 | 2.10556 |
| 420138.25 | 3763640.23 | 1.94617 | 420200.59 | 3763613.11 | 2.36051 |
| 420180.59 | 3763633.11 | 2.19884 | 420172.25 | 3763655.96 | 2.11172 |
| 420160.59 | 3763673.11 | 2.01613 | 420160.59 | 3763693.11 | 1.98111 |
| 420092.84 | 3763719.31 | 1.62104 | 420140.59 | 3763713.11 | 1.84184 |
| 420120.59 | 3763733.11 | 1.71414 | 420804.93 | 3764263.30 | 1.24759 |
| 420820.93 | 3764270.66 | 1.23408 | 420839.88 | 3764276.55 | 1.23523 |
| 420860.72 | 3764279.50 | 1.25793 | 420880.72 | 3764279.50 | 1.30036 |
| 420892.72 | 3764288.76 | 1.27374 | 420900.72 | 3764299.50 | 1.23423 |
| 420920.72 | 3764299.50 | 1.28129 | 420980.72 | 3764299.50 | 1.45421 |
| 420740.72 | 3764319.50 | 0.94786 | 420780.72 | 3764319.50 | 0.97802 |
| 420800.72 | 3764319.50 | 0.99597 | 420820.72 | 3764319.50 | 1.01697 |
| 420840.72 | 3764319.50 | 1.04096 | 420940.72 | 3764319.50 | 1.21901 |
| 420980.72 | 3764319.50 | 1.32162 | 421003.29 | 3764310.49 | 1.44715 |
| 421023.29 | 3764310.49 | 1.27575 | 421043.29 | 3764310.49 | 1.31961 |
| 421063.29 | 3764310.49 | 1.36378 | 421083.29 | 3764310.49 | 1.40971 |
| 421103.29 | 3764310.49 | 1.45900 | 421123.29 | 3764310.49 | 1.51159 |
| 421143.29 | 3764310.49 | 1.56340 | 421163.29 | 3764310.49 | 1.61487 |
| 421183.29 | 3764310.49 | 1.66555 | 421203.29 | 3764310.49 | 1.71803 |

| | | | | | |
|---|---|---|---|---|---|
| 421223.29 | 3764310.49 | 1.77677 | 421243.29 | 3764310.49 | 1.82562 |
| 421263.29 | 3764310.49 | 1.87178 | 421283.29 | 3764310.49 | 1.91621 |
| 421303.29 | 3764310.49 | 1.96055 | 420760.72 | 3764339.50 | 0.89680 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 0.99034 | 420880.72 | 3764339.50 | 1.01741 |
| 420920.72 | 3764339.50 | 1.08223 | 420980.72 | 3764339.50 | 1.05106 |
| 420700.42 | 3764305.37 | 0.97029 | 420780.72 | 3764359.50 | 0.85034 |
| 420800.72 | 3764359.50 | 0.86457 | 420823.92 | 3764366.20 | 0.86358 |
| 420920.72 | 3764359.50 | 0.89862 | 420980.72 | 3764359.50 | 0.95140 |
| 421010.96 | 3764363.22 | 0.98616 | 421030.96 | 3764363.22 | 1.01738 |
| 421050.96 | 3764363.22 | 1.04628 | 421070.96 | 3764363.22 | 1.07728 |
| 421090.96 | 3764363.22 | 1.10884 | 421110.96 | 3764363.22 | 1.14217 |
| 421130.96 | 3764363.22 | 1.17357 | 421150.96 | 3764363.22 | 1.20597 |
| 421170.96 | 3764363.22 | 1.25545 | 421190.96 | 3764368.75 | 1.25675 |
| 421210.17 | 3764368.36 | 1.30176 | 421230.17 | 3764368.36 | 1.34873 |
| 421250.17 | 3764368.36 | 1.39043 | 421270.17 | 3764368.36 | 1.42900 |
| 421290.17 | 3764368.36 | 1.46853 | 421310.17 | 3764368.36 | 1.50903 |
| 420843.63 | 3764371.64 | 0.86463 | 420860.72 | 3764379.50 | 0.79165 |
| 420880.72 | 3764379.50 | 0.79887 | 420898.39 | 3764385.33 | 0.78807 |
| 420980.72 | 3764379.50 | 0.85980 | 420760.72 | 3764399.50 | 0.73708 |
| 420780.72 | 3764399.50 | 0.74728 | 420920.72 | 3764399.50 | 0.76054 |
| 420940.72 | 3764399.50 | 0.77830 | 420980.72 | 3764399.50 | 0.78301 |
| 420746.30 | 3764412.53 | 0.70203 | 420780.72 | 3764419.50 | 0.66358 |
| 420820.72 | 3764419.50 | 0.72520 | 420840.72 | 3764419.50 | 0.73787 |
| 420940.72 | 3764419.50 | 0.71590 | 420980.72 | 3764419.50 | 0.71966 |
| 421013.06 | 3764405.83 | 0.77590 | 421033.06 | 3764405.83 | 0.78812 |
| 421053.06 | 3764405.83 | 0.80572 | 421073.06 | 3764405.83 | 0.82456 |
| 421093.06 | 3764405.83 | 0.84372 | 421113.06 | 3764405.83 | 0.86318 |
| 421133.06 | 3764405.83 | 0.88197 | 421160.72 | 3764419.50 | 0.85047 |
| 421180.72 | 3764419.50 | 0.87611 | 421220.72 | 3764419.50 | 1.01419 |
| 421233.28 | 3764408.34 | 1.10347 | 421253.28 | 3764408.34 | 1.13790 |
| 421273.28 | 3764408.34 | 1.18197 | 421293.28 | 3764408.34 | 1.21869 |
| 420746.30 | 3764432.53 | 0.62861 | 420780.72 | 3764439.50 | 0.62480 |
| 420820.72 | 3764439.50 | 0.64078 | 420860.72 | 3764439.50 | 0.65022 |
| 420880.72 | 3764439.50 | 0.65510 | 420940.72 | 3764439.50 | 0.66733 |
| 420980.72 | 3764439.50 | 0.66689 | 420994.21 | 3764452.98 | 0.64169 |
| 421014.21 | 3764452.98 | 0.65138 | 421034.21 | 3764452.98 | 0.66187 |
| 421054.21 | 3764452.98 | 0.67409 | 421074.21 | 3764452.98 | 0.68808 |
| 421094.21 | 3764452.98 | 0.70315 | 421114.21 | 3764452.98 | 0.71740 |
| 421134.21 | 3764452.98 | 0.72970 | 421180.72 | 3764439.50 | 0.80189 |
| 421220.72 | 3764439.50 | 0.92509 | 420737.00 | 3764452.99 | 0.59017 |

| | | | | | |
|---|---|---|---|---|---|
| 420780.72 | 3764459.50 | 0.59015 | 420820.72 | 3764459.50 | 0.60145 |
| 420920.72 | 3764459.50 | 0.60932 | 421134.21 | 3764472.98 | 0.66766 |
| 421180.72 | 3764459.50 | 0.73612 | 421200.72 | 3764459.50 | 0.75216 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 0.90971 | 421252.35 | 3764459.04 | 0.91991 |
| 421293.28 | 3764448.34 | 1.03866 | 420737.00 | 3764472.99 | 0.55833 |
| 420820.72 | 3764479.50 | 0.56486 | 420871.79 | 3764475.04 | 0.55772 |
| 420920.72 | 3764479.50 | 0.56410 | 421180.72 | 3764479.50 | 0.67838 |
| 421200.72 | 3764479.50 | 0.68658 | 421260.72 | 3764479.50 | 0.84954 |
| 421280.72 | 3764479.50 | 0.89972 | 420737.00 | 3764492.99 | 0.52849 |
| 420767.69 | 3764492.53 | 0.53341 | 420820.72 | 3764499.50 | 0.53134 |
| 420871.79 | 3764495.04 | 0.52032 | 420920.72 | 3764499.50 | 0.52810 |
| 421114.21 | 3764512.98 | 0.52555 | 421134.21 | 3764512.98 | 0.54717 |
| 421200.72 | 3764499.50 | 0.63535 | 421280.72 | 3764499.50 | 0.83605 |
| 420730.48 | 3764507.70 | 0.50785 | 420767.69 | 3764512.53 | 0.50400 |
| 420820.72 | 3764519.50 | 0.49966 | 420871.79 | 3764515.04 | 0.48746 |
| 420920.72 | 3764519.50 | 0.48959 | 421000.26 | 3764522.29 | 0.42669 |
| 421020.26 | 3764522.29 | 0.43196 | 421040.26 | 3764522.29 | 0.44549 |
| 421060.26 | 3764522.29 | 0.46109 | 421080.26 | 3764522.29 | 0.47847 |
| 421200.72 | 3764519.50 | 0.59381 | 421280.72 | 3764519.50 | 0.77837 |
| 420730.48 | 3764527.70 | 0.48276 | 420767.69 | 3764532.53 | 0.47716 |
| 420820.72 | 3764539.50 | 0.47070 | 420860.72 | 3764539.50 | 0.45320 |
| 420920.72 | 3764539.50 | 0.45449 | 420980.72 | 3764539.50 | 0.39295 |
| 421160.72 | 3764539.50 | 0.52845 | 421180.72 | 3764539.50 | 0.54534 |
| 421280.72 | 3764539.50 | 0.72657 | 420860.72 | 3764559.50 | 0.42589 |
| 420909.07 | 3764562.58 | 0.42536 | 420980.72 | 3764559.50 | 0.37348 |
| 421040.72 | 3764559.50 | 0.39794 | 421080.72 | 3764559.50 | 0.43314 |
| 421100.72 | 3764559.50 | 0.44714 | 421120.72 | 3764559.50 | 0.46257 |
| 421140.72 | 3764559.50 | 0.47825 | 421160.72 | 3764559.50 | 0.49457 |
| 420960.72 | 3764579.50 | 0.35944 | 421020.72 | 3764579.50 | 0.37012 |
| 420680.84 | 3764330.64 | 0.83948 | 420720.84 | 3764330.64 | 0.89879 |
| 420660.84 | 3764350.64 | 0.77887 | 420692.00 | 3764425.97 | 0.62826 |
| 420720.84 | 3764350.64 | 0.84086 | 420660.84 | 3764370.64 | 0.72976 |
| 420700.84 | 3764370.64 | 0.74372 | 420700.84 | 3764390.64 | 0.69898 |
| 420700.84 | 3764410.64 | 0.65942 | 420680.84 | 3764450.64 | 0.58195 |
| 420680.84 | 3764470.64 | 0.55015 | 420680.84 | 3764490.64 | 0.52125 |
| 420101.08 | 3763674.83 | 1.72116 | 420083.47 | 3763665.61 | 1.65948 |
| 420070.89 | 3763688.25 | 1.58032 | 420083.05 | 3763697.47 | 1.61468 |
| 420043.64 | 3763644.22 | 1.53219 | 420057.47 | 3763625.35 | 1.60315 |
| 420067.12 | 3763611.93 | 1.65441 | 420079.70 | 3763600.61 | 1.71740 |
| 420101.50 | 3763588.45 | 1.82576 | 420107.79 | 3763573.35 | 1.86934 |

| | | | | | |
|---|---|---|---|---|---|
| 420119.53 | 3763558.68 | 1.93939 | 420130.02 | 3763541.07 | 2.00658 |
| 420141.76 | 3763528.91 | 2.07755 | 420177.06 | 3763505.07 | 2.29687 |
| 420182.52 | 3763490.53 | 2.33522 | 420189.79 | 3763470.23 | 2.38371 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.48331 | 420211.91 | 3763443.87 | 2.52396 |
| 420221.30 | 3763427.51 | 2.57854 | 420233.11 | 3763414.79 | 2.64942 |
| 420187.06 | 3763375.10 | 2.32242 | 420174.04 | 3763398.73 | 2.18431 |
| 420159.80 | 3763419.94 | 2.08721 | 420144.65 | 3763435.69 | 2.00685 |
| 420157.37 | 3763449.33 | 2.09470 | 420203.21 | 3763366.33 | 2.40966 |
| 420212.30 | 3763349.37 | 2.44355 | 420110.79 | 3763789.57 | 1.52164 |
| 420095.76 | 3763777.27 | 1.49095 | 420082.79 | 3763760.88 | 1.48016 |
| 420069.13 | 3763754.06 | 1.44178 | 420054.11 | 3763743.13 | 1.40632 |
| 420101.91 | 3763822.34 | 1.43065 | 420083.47 | 3763829.85 | 1.35488 |
| 420062.30 | 3763818.25 | 1.31328 | 420054.11 | 3763806.64 | 1.30904 |
| 420037.04 | 3763795.71 | 1.27848 | 420087.94 | 3763866.45 | 1.30261 |
| 420066.97 | 3763858.48 | 1.25824 | 420049.36 | 3763847.57 | 1.23104 |
| 420032.58 | 3763850.93 | 1.18458 | 420490.31 | 3764285.91 | 0.88393 |
| 420510.31 | 3764285.91 | 0.89639 | 420530.31 | 3764285.91 | 0.90871 |
| 420550.31 | 3764285.91 | 0.92079 | 420570.31 | 3764285.91 | 0.93194 |
| 420590.31 | 3764285.91 | 0.94205 | 420610.31 | 3764285.91 | 0.95144 |
| 420390.31 | 3764305.91 | 0.77331 | 420410.31 | 3764305.91 | 0.78478 |
| 420430.31 | 3764305.91 | 0.79678 | 420450.31 | 3764305.91 | 0.80741 |
| 420470.31 | 3764305.91 | 0.81780 | 420490.31 | 3764305.91 | 0.82809 |
| 420510.31 | 3764305.91 | 0.83836 | 420530.31 | 3764305.91 | 0.84851 |
| 420550.31 | 3764305.91 | 0.85943 | 420570.31 | 3764305.91 | 0.86938 |
| 420590.31 | 3764305.91 | 0.87780 | 420610.31 | 3764305.91 | 0.88490 |
| 420390.31 | 3764325.91 | 0.72984 | 420410.31 | 3764325.91 | 0.73950 |
| 420430.31 | 3764325.91 | 0.75036 | 420450.31 | 3764325.91 | 0.75905 |
| 420470.31 | 3764325.91 | 0.76837 | 420490.31 | 3764325.91 | 0.77728 |
| 420510.31 | 3764325.91 | 0.78563 | 420530.31 | 3764325.91 | 0.79393 |
| 420550.31 | 3764325.91 | 0.80390 | 420570.31 | 3764325.91 | 0.81288 |
| 420590.31 | 3764325.91 | 0.82015 | 420410.31 | 3764345.91 | 0.69930 |
| 420430.31 | 3764345.91 | 0.70705 | 420450.31 | 3764345.91 | 0.71367 |
| 420470.31 | 3764345.91 | 0.72087 | 420490.31 | 3764345.91 | 0.72955 |
| 420510.31 | 3764345.91 | 0.73887 | 420530.31 | 3764345.91 | 0.74611 |
| 420550.31 | 3764345.91 | 0.75403 | 420570.31 | 3764345.91 | 0.76171 |
| 420430.31 | 3764365.91 | 0.66786 | 420450.31 | 3764365.91 | 0.67355 |
| 420470.31 | 3764365.91 | 0.67928 | 420490.31 | 3764365.91 | 0.68639 |
| 420510.31 | 3764365.91 | 0.69464 | 420530.31 | 3764365.91 | 0.70282 |
| 420550.31 | 3764365.91 | 0.70932 | 420570.31 | 3764365.91 | 0.71486 |
| 420450.31 | 3764385.91 | 0.63762 | 420470.31 | 3764385.91 | 0.64227 |

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|---|---|---|---|---|---|
| 420490.31 | 3764385.91 | 0.64722 | 420510.31 | 3764385.91 | 0.65351 |
| 420530.31 | 3764385.91 | 0.66305 | 420550.31 | 3764385.91 | 0.66871 |
| 420470.31 | 3764405.91 | 0.60818 | 420490.31 | 3764405.91 | 0.61272 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.61785 | 420530.31 | 3764405.91 | 0.62439 |
| 420490.31 | 3764425.91 | 0.58011 | 420510.31 | 3764425.91 | 0.58380 |
| 420504.61 | 3764167.94 | 1.42258 | 420511.08 | 3764158.02 | 1.49138 |
| 420524.44 | 3764147.67 | 1.58239 | 420535.23 | 3764136.03 | 1.68577 |
| 420493.83 | 3764108.43 | 1.77793 | 420483.05 | 3764124.38 | 1.63840 |
| 420469.25 | 3764140.34 | 1.50838 | 420454.16 | 3764160.60 | 1.37011 |
| 420443.38 | 3764173.11 | 1.29200 | 420427.85 | 3764193.38 | 1.13980 |
| 420417.51 | 3764210.62 | 1.06365 | 420405.86 | 3764224.42 | 1.00376 |
| 420389.91 | 3764241.24 | 0.93737 | 420379.13 | 3764258.92 | 0.87921 |
| 420362.74 | 3764275.31 | 0.82583 | 420351.10 | 3764286.95 | 0.79056 |
| 420518.84 | 3764071.76 | 2.17875 | 420534.99 | 3764080.89 | 2.15559 |
| 420548.34 | 3764092.83 | 2.08801 | 420571.51 | 3764110.38 | 1.99160 |
| 420591.17 | 3764123.02 | 1.92698 | 420605.91 | 3764135.66 | 1.84541 |
| 420622.06 | 3764145.49 | 1.79160 | 420640.32 | 3764160.23 | 1.70095 |
| 420614.34 | 3764193.23 | 1.43188 | 420580.63 | 3764167.96 | 1.54802 |
| 420565.89 | 3764182.00 | 1.43728 | 420553.95 | 3764191.13 | 1.36859 |
| 420597.49 | 3764203.77 | 1.34992 | 420591.87 | 3764223.43 | 1.24115 |
| 420539.91 | 3764200.26 | 1.30198 | 420606.61 | 3764240.98 | 1.17043 |
| 420629.08 | 3764250.81 | 1.14300 | 420648.74 | 3764238.87 | 1.21265 |
| 420651.55 | 3764222.73 | 1.29846 | 420660.68 | 3764207.98 | 1.39122 |
| 420667.00 | 3764195.34 | 1.47832 | 420681.74 | 3764181.30 | 1.59686 |
| 420712.64 | 3764215.70 | 1.39741 | 420695.09 | 3764229.75 | 1.29785 |
| 420732.30 | 3764227.64 | 1.34807 | 420747.05 | 3764238.17 | 1.30569 |
| 420767.41 | 3764245.19 | 1.29283 | 420681.04 | 3764247.30 | 1.19555 |
| 420668.40 | 3764264.85 | 1.10667 | 420655.06 | 3764283.11 | 0.98211 |
| 420641.02 | 3764297.86 | 0.92399 | 420638.21 | 3764314.71 | 0.87037 |
| 420629.08 | 3764330.86 | 0.82067 | 420619.25 | 3764349.11 | 0.76980 |
| 420605.91 | 3764381.41 | 0.69065 | 420599.59 | 3764395.46 | 0.66082 |
| 420572.91 | 3764397.56 | 0.64965 | 420563.78 | 3764415.82 | 0.61389 |
| 420537.80 | 3764434.78 | 0.57286 | 420556.76 | 3764436.18 | 0.57326 |
| 420575.72 | 3764441.10 | 0.56745 | 420589.76 | 3764450.93 | 0.55538 |
| 420638.21 | 3764481.82 | 0.52210 | 420641.02 | 3764463.56 | 0.54958 |
| 420648.74 | 3764446.01 | 0.57876 | 420652.96 | 3764423.54 | 0.61933 |
| 420652.96 | 3764410.90 | 0.64363 | 420650.85 | 3764387.03 | 0.69171 |
| 420295.36 | 3764152.91 | 1.07167 | 420331.87 | 3764188.02 | 1.02491 |
| 420353.64 | 3764208.38 | 0.99190 | 420339.59 | 3764226.64 | 0.92591 |
| 420327.66 | 3764237.87 | 0.88513 | 420317.83 | 3764252.62 | 0.84153 |

| | | | | | |
|---|---|---|---|---|---|
| 420300.27 | 3764231.55 | 0.87287 | 420285.53 | 3764216.81 | 0.89172 |
| 420271.48 | 3764206.28 | 0.89974 | 420260.25 | 3764195.04 | 0.91205 |
| 420283.42 | 3764171.17 | 1.00367 | 420268.56 | 3763810.41 | 2.35032 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 1.37270 | 420470.31 | 3764185.91 | 1.23056 |
| 420490.31 | 3764185.91 | 1.30590 | 420450.31 | 3764205.91 | 1.12091 |
| 420470.31 | 3764205.91 | 1.14537 | 420490.31 | 3764205.91 | 1.16946 |
| 420510.31 | 3764205.91 | 1.23787 | 420530.31 | 3764205.91 | 1.26230 |
| 420430.31 | 3764225.91 | 1.02575 | 420450.31 | 3764225.91 | 1.04660 |
| 420470.31 | 3764225.91 | 1.06747 | 420490.31 | 3764225.91 | 1.08791 |
| 420510.31 | 3764225.91 | 1.10813 | 420530.31 | 3764225.91 | 1.17033 |
| 420550.31 | 3764225.91 | 1.18975 | 420410.31 | 3764245.91 | 0.94242 |
| 420430.31 | 3764245.91 | 0.96116 | 420450.31 | 3764245.91 | 0.97895 |
| 420470.31 | 3764245.91 | 0.99663 | 420490.31 | 3764245.91 | 1.01364 |
| 420510.31 | 3764245.91 | 1.03042 | 420530.31 | 3764245.91 | 1.04767 |
| 420550.31 | 3764245.91 | 1.10405 | 420570.31 | 3764245.91 | 1.12001 |
| 420410.31 | 3764265.91 | 0.88622 | 420430.31 | 3764265.91 | 0.90174 |
| 420450.31 | 3764265.91 | 0.91702 | 420470.31 | 3764265.91 | 0.93172 |
| 420490.31 | 3764265.91 | 0.94598 | 420510.31 | 3764265.91 | 0.96011 |
| 420530.31 | 3764265.91 | 0.97501 | 420550.31 | 3764265.91 | 0.98847 |
| 420570.31 | 3764265.91 | 1.00130 | 420590.31 | 3764265.91 | 1.05357 |
| 420610.31 | 3764265.91 | 1.06653 | 420390.31 | 3764285.91 | 0.82011 |
| 420410.31 | 3764285.91 | 0.83375 | 420430.31 | 3764285.91 | 0.84710 |
| 420450.31 | 3764285.91 | 0.85994 | 420470.31 | 3764285.91 | 0.87176 |
| 420162.22 | 3763820.99 | 1.64480 | 420180.57 | 3763830.04 | 1.69617 |
| 420200.57 | 3763830.04 | 1.78597 | 420200.57 | 3763850.04 | 1.72789 |
| 420220.57 | 3763850.04 | 1.82004 | 420240.57 | 3763850.04 | 1.92334 |
| 420160.57 | 3763870.04 | 1.51049 | 420180.57 | 3763870.04 | 1.58591 |
| 420220.57 | 3763870.04 | 1.75405 | 420240.57 | 3763870.04 | 1.84798 |
| 420260.57 | 3763870.04 | 1.95372 | 420160.57 | 3763890.04 | 1.45773 |
| 420200.57 | 3763890.04 | 1.60543 | 420260.57 | 3763890.04 | 1.87394 |
| 420280.57 | 3763890.04 | 1.97598 | 420140.57 | 3763910.04 | 1.34616 |
| 420200.57 | 3763910.04 | 1.54094 | 420220.57 | 3763910.04 | 1.62130 |
| 420280.57 | 3763910.04 | 1.89123 | 420300.57 | 3763910.04 | 1.99516 |
| 420160.57 | 3763930.04 | 1.35236 | 420180.57 | 3763930.04 | 1.41184 |
| 420220.57 | 3763930.04 | 1.55205 | 420240.57 | 3763930.04 | 1.62939 |
| 420260.57 | 3763930.04 | 1.71618 | 420320.57 | 3763930.04 | 2.00445 |
| 420340.57 | 3763930.04 | 2.11830 | 420120.57 | 3763950.04 | 1.19667 |
| 420140.57 | 3763950.04 | 1.24628 | 420200.57 | 3763950.04 | 1.41906 |
| 420220.57 | 3763950.04 | 1.48393 | 420260.57 | 3763950.04 | 1.63477 |
| 420280.57 | 3763950.04 | 1.71962 | 420340.57 | 3763950.04 | 2.00815 |

| | | | | | |
|---|---|---|---|---|---|
| 420360.57 | 3763950.04 | 2.12187 | 420120.57 | 3763970.04 | 1.15222 |
| 420140.57 | 3763970.04 | 1.19831 | 420160.57 | 3763970.04 | 1.25067 |
| 420240.57 | 3763970.04 | 1.48518 | 420300.57 | 3763970.04 | 1.71825 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 1.89967 | 420360.57 | 3763970.04 | 2.00270 |
| 420100.57 | 3763990.04 | 1.07000 | 420120.57 | 3763990.04 | 1.10981 |
| 420160.57 | 3763990.04 | 1.19963 | 420180.57 | 3763990.04 | 1.25178 |
| 420240.57 | 3763990.04 | 1.41931 | 420260.57 | 3763990.04 | 1.48140 |
| 420280.57 | 3763990.04 | 1.55196 | 420340.57 | 3763990.04 | 1.79531 |
| 420120.57 | 3764010.04 | 1.06850 | 420140.57 | 3764010.04 | 1.10836 |
| 420160.57 | 3764010.04 | 1.15396 | 420200.57 | 3764010.04 | 1.24915 |
| 420220.57 | 3764010.04 | 1.30039 | 420280.57 | 3764010.04 | 1.47712 |
| 420320.57 | 3764010.04 | 1.61719 | 420400.57 | 3764010.04 | 1.95268 |
| 420420.57 | 3764010.04 | 2.05194 | 420440.57 | 3764010.04 | 2.15766 |
| 420180.57 | 3764030.04 | 1.14965 | 420200.57 | 3764030.04 | 1.19324 |
| 420240.57 | 3764030.04 | 1.29379 | 420300.57 | 3764030.04 | 1.46724 |
| 420320.57 | 3764030.04 | 1.53021 | 420400.57 | 3764030.04 | 1.82695 |
| 420440.57 | 3764030.04 | 2.00607 | 420460.57 | 3764030.04 | 2.10508 |
| 420180.57 | 3764050.04 | 1.09915 | 420200.57 | 3764050.04 | 1.13978 |
| 420240.57 | 3764050.04 | 1.23157 | 420280.57 | 3764050.04 | 1.33492 |
| 420380.57 | 3764050.04 | 1.63684 | 420480.57 | 3764050.04 | 2.03455 |
| 420200.57 | 3764070.04 | 1.09079 | 420220.57 | 3764070.04 | 1.13256 |
| 420260.57 | 3764070.04 | 1.22047 | 420280.57 | 3764070.04 | 1.26579 |
| 420360.57 | 3764070.04 | 1.47815 | 420420.57 | 3764070.04 | 1.66510 |
| 420440.57 | 3764070.04 | 1.73236 | 420260.57 | 3764090.04 | 1.15999 |
| 420340.57 | 3764090.04 | 1.34028 | 420400.57 | 3764090.04 | 1.49795 |
| 420420.57 | 3764090.04 | 1.55239 | 420440.57 | 3764090.04 | 1.61040 |
| 420460.57 | 3764090.04 | 1.67252 | 420260.57 | 3764110.04 | 1.10177 |
| 420340.57 | 3764110.04 | 1.26422 | 420400.57 | 3764110.04 | 1.40047 |
| 420420.57 | 3764110.04 | 1.44888 | 420440.57 | 3764110.04 | 1.49920 |
| 420320.57 | 3764130.04 | 1.15379 | 420380.57 | 3764130.04 | 1.27099 |
| 420400.57 | 3764130.04 | 1.31108 | 420420.57 | 3764130.04 | 1.35354 |
| 420360.57 | 3764150.04 | 1.15957 | 420400.57 | 3764150.04 | 1.22812 |
| 420340.57 | 3764170.04 | 1.06223 | 420380.57 | 3764170.04 | 1.12064 |
| 420400.57 | 3764170.04 | 1.15128 | 420380.57 | 3764190.04 | 1.05331 |
| 420714.65 | 3764272.44 | 1.00907 | 420734.65 | 3764284.40 | 0.97414 |
| 420754.65 | 3764284.40 | 0.98557 | 420280.59 | 3763433.11 | 2.96298 |
| 420260.59 | 3763453.11 | 2.80361 | 420260.59 | 3763473.11 | 2.80611 |
| 420233.62 | 3763487.75 | 2.58866 | 420253.62 | 3763507.75 | 2.74344 |
| 420200.59 | 3763533.11 | 2.33947 | 420223.55 | 3763541.34 | 2.49441 |
| 420240.59 | 3763533.11 | 2.62782 | 420179.16 | 3763563.83 | 2.18098 |

| | | | | | |
|---|---|---|---|---|---|
| 420200.59 | 3763573.11 | 2.30566 | 420234.64 | 3763578.58 | 2.54890 |
| 420200.59 | 3763593.11 | 2.28745 | 420160.59 | 3763613.11 | 2.02816 |
| 420138.25 | 3763640.23 | 1.87859 | 420200.59 | 3763613.11 | 2.26740 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.11563 | 420172.25 | 3763655.96 | 2.03495 |
| 420160.59 | 3763673.11 | 1.94645 | 420160.59 | 3763693.11 | 1.91458 |
| 420092.84 | 3763719.31 | 1.57076 | 420140.59 | 3763713.11 | 1.78214 |
| 420120.59 | 3763733.11 | 1.66013 | 420804.93 | 3764263.30 | 1.10360 |
| 420820.93 | 3764270.66 | 1.08440 | 420839.88 | 3764276.55 | 1.07551 |
| 420860.72 | 3764279.50 | 1.08087 | 420880.72 | 3764279.50 | 1.10178 |
| 420892.72 | 3764288.76 | 1.06793 | 420900.72 | 3764299.50 | 1.03479 |
| 420920.72 | 3764299.50 | 1.06127 | 420980.72 | 3764299.50 | 1.15861 |
| 420740.72 | 3764319.50 | 0.86127 | 420780.72 | 3764319.50 | 0.87866 |
| 420800.72 | 3764319.50 | 0.88677 | 420820.72 | 3764319.50 | 0.89732 |
| 420840.72 | 3764319.50 | 0.90937 | 420940.72 | 3764319.50 | 0.99874 |
| 420980.72 | 3764319.50 | 1.05341 | 421003.29 | 3764310.49 | 1.13203 |
| 421023.29 | 3764310.49 | 1.15369 | 421043.29 | 3764310.49 | 1.19000 |
| 421063.29 | 3764310.49 | 1.22694 | 421083.29 | 3764310.49 | 1.26577 |
| 421103.29 | 3764310.49 | 1.30743 | 421123.29 | 3764310.49 | 1.35191 |
| 421143.29 | 3764310.49 | 1.39651 | 421163.29 | 3764310.49 | 1.44165 |
| 421183.29 | 3764310.49 | 1.48701 | 421203.29 | 3764310.49 | 1.53415 |
| 421223.29 | 3764310.49 | 1.58622 | 421243.29 | 3764310.49 | 1.63265 |
| 421263.29 | 3764310.49 | 1.67793 | 421283.29 | 3764310.49 | 1.72278 |
| 421303.29 | 3764310.49 | 1.76826 | 420760.72 | 3764339.50 | 0.81240 |
| 420860.72 | 3764339.50 | 0.85894 | 420880.72 | 3764339.50 | 0.87235 |
| 420920.72 | 3764339.50 | 0.90475 | 420980.72 | 3764339.50 | 0.96170 |
| 420700.42 | 3764305.37 | 0.88345 | 420780.72 | 3764359.50 | 0.76512 |
| 420800.72 | 3764359.50 | 0.77168 | 420823.92 | 3764366.20 | 0.76343 |
| 420920.72 | 3764359.50 | 0.83226 | 420980.72 | 3764359.50 | 0.87740 |
| 421010.96 | 3764363.22 | 0.90448 | 421030.96 | 3764363.22 | 0.93055 |
| 421050.96 | 3764363.22 | 0.95554 | 421070.96 | 3764363.22 | 0.98233 |
| 421090.96 | 3764363.22 | 1.00973 | 421110.96 | 3764363.22 | 1.03835 |
| 421130.96 | 3764363.22 | 1.06645 | 421150.96 | 3764363.22 | 1.09543 |
| 421170.96 | 3764363.22 | 1.13495 | 421190.96 | 3764368.75 | 1.13744 |
| 421210.17 | 3764368.36 | 1.17492 | 421230.17 | 3764368.36 | 1.21381 |
| 421250.17 | 3764368.36 | 1.25003 | 421270.17 | 3764368.36 | 1.28487 |
| 421290.17 | 3764368.36 | 1.32072 | 421310.17 | 3764368.36 | 1.35788 |
| 420843.63 | 3764371.64 | 0.75624 | 420860.72 | 3764379.50 | 0.74226 |
| 420880.72 | 3764379.50 | 0.74689 | 420898.39 | 3764385.33 | 0.73672 |
| 420980.72 | 3764379.50 | 0.79990 | 420760.72 | 3764399.50 | 0.66905 |
| 420780.72 | 3764399.50 | 0.67398 | 420920.72 | 3764399.50 | 0.71129 |

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|---|---|---|---|---|---|
| 420940.72 | 3764399.50 | 0.72585 | 420980.72 | 3764399.50 | 0.73156 |
| 420746.30 | 3764412.53 | 0.63959 | 420780.72 | 3764419.50 | 0.63247 |
| 420820.72 | 3764419.50 | 0.64583 | 420840.72 | 3764419.50 | 0.65037 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 0.67102 | 420980.72 | 3764419.50 | 0.67356 |
| 421013.06 | 3764405.83 | 0.72440 | 421033.06 | 3764405.83 | 0.73514 |
| 421053.06 | 3764405.83 | 0.75118 | 421073.06 | 3764405.83 | 0.76827 |
| 421093.06 | 3764405.83 | 0.78552 | 421113.06 | 3764405.83 | 0.80284 |
| 421133.06 | 3764405.83 | 0.81925 | 421160.72 | 3764419.50 | 0.78893 |
| 421180.72 | 3764419.50 | 0.81239 | 421220.72 | 3764419.50 | 0.93446 |
| 421233.28 | 3764408.34 | 1.00879 | 421253.28 | 3764408.34 | 1.03813 |
| 421273.28 | 3764408.34 | 1.07349 | 421293.28 | 3764408.34 | 1.10476 |
| 420746.30 | 3764432.53 | 0.60212 | 420780.72 | 3764439.50 | 0.59633 |
| 420820.72 | 3764439.50 | 0.60771 | 420860.72 | 3764439.50 | 0.61321 |
| 420880.72 | 3764439.50 | 0.61687 | 420940.72 | 3764439.50 | 0.62699 |
| 420980.72 | 3764439.50 | 0.62484 | 420994.21 | 3764452.98 | 0.60127 |
| 421014.21 | 3764452.98 | 0.60992 | 421034.21 | 3764452.98 | 0.61936 |
| 421054.21 | 3764452.98 | 0.63042 | 421074.21 | 3764452.98 | 0.64326 |
| 421094.21 | 3764452.98 | 0.65712 | 421114.21 | 3764452.98 | 0.66987 |
| 421134.21 | 3764452.98 | 0.68045 | 421180.72 | 3764439.50 | 0.74431 |
| 421220.72 | 3764439.50 | 0.85701 | 420737.00 | 3764452.99 | 0.56646 |
| 420780.72 | 3764459.50 | 0.56393 | 420820.72 | 3764459.50 | 0.57145 |
| 420920.72 | 3764459.50 | 0.57418 | 421134.21 | 3764472.98 | 0.62172 |
| 421180.72 | 3764459.50 | 0.68362 | 421200.72 | 3764459.50 | 0.69789 |
| 421233.28 | 3764448.34 | 0.84292 | 421252.35 | 3764459.04 | 0.84750 |
| 421293.28 | 3764448.34 | 0.94454 | 420737.00 | 3764472.99 | 0.53650 |
| 420820.72 | 3764479.50 | 0.53800 | 420871.79 | 3764475.04 | 0.52733 |
| 420920.72 | 3764479.50 | 0.53138 | 421180.72 | 3764479.50 | 0.62990 |
| 421200.72 | 3764479.50 | 0.63612 | 421260.72 | 3764479.50 | 0.78721 |
| 421280.72 | 3764479.50 | 0.82460 | 420737.00 | 3764492.99 | 0.50866 |
| 420767.69 | 3764492.53 | 0.51204 | 420820.72 | 3764499.50 | 0.50734 |
| 420871.79 | 3764495.04 | 0.49122 | 420920.72 | 3764499.50 | 0.49740 |
| 421114.21 | 3764512.98 | 0.48304 | 421134.21 | 3764512.98 | 0.50446 |
| 421200.72 | 3764499.50 | 0.58855 | 421280.72 | 3764499.50 | 0.76849 |
| 420730.48 | 3764507.70 | 0.48949 | 420767.69 | 3764512.53 | 0.48473 |
| 420820.72 | 3764519.50 | 0.47800 | 420871.79 | 3764515.04 | 0.45941 |
| 420920.72 | 3764519.50 | 0.45973 | 421000.26 | 3764522.29 | 0.38947 |
| 421020.26 | 3764522.29 | 0.39435 | 421040.26 | 3764522.29 | 0.40704 |
| 421060.26 | 3764522.29 | 0.42179 | 421080.26 | 3764522.29 | 0.43841 |
| 421200.72 | 3764519.50 | 0.55062 | 421280.72 | 3764519.50 | 0.71778 |
| 420730.48 | 3764527.70 | 0.46589 | 420767.69 | 3764532.53 | 0.45956 |

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|---|---|---|---|---|---|
| 420820.72 | 3764539.50 | 0.45049 | 420860.72 | 3764539.50 | 0.42732 |
| 420920.72 | 3764539.50 | 0.42511 | 420980.72 | 3764539.50 | 0.35875 |
| 421160.72 | 3764539.50 | 0.48962 | 421180.72 | 3764539.50 | 0.50630 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.67213 | 420860.72 | 3764559.50 | 0.40058 |
| 420909.07 | 3764562.58 | 0.39829 | 420980.72 | 3764559.50 | 0.34143 |
| 421040.72 | 3764559.50 | 0.36432 | 421080.72 | 3764559.50 | 0.39803 |
| 421100.72 | 3764559.50 | 0.41158 | 421120.72 | 3764559.50 | 0.42663 |
| 421140.72 | 3764559.50 | 0.44203 | 421160.72 | 3764559.50 | 0.45822 |
| 420960.72 | 3764579.50 | 0.32908 | 421020.72 | 3764579.50 | 0.33910 |
| 420680.84 | 3764330.64 | 0.80087 | 420720.84 | 3764330.64 | 0.81798 |
| 420660.84 | 3764350.64 | 0.74417 | 420692.00 | 3764425.97 | 0.60360 |
| 420720.84 | 3764350.64 | 0.76862 | 420660.84 | 3764370.64 | 0.69810 |
| 420700.84 | 3764370.64 | 0.71152 | 420700.84 | 3764390.64 | 0.66971 |
| 420700.84 | 3764410.64 | 0.63274 | 420680.84 | 3764450.64 | 0.55991 |
| 420680.84 | 3764470.64 | 0.53029 | 420680.84 | 3764490.64 | 0.50324 |
| 420101.08 | 3763674.83 | 1.66863 | 420083.47 | 3763665.61 | 1.60998 |
| 420070.89 | 3763688.25 | 1.53456 | 420083.05 | 3763697.47 | 1.56645 |
| 420043.64 | 3763644.22 | 1.48694 | 420057.47 | 3763625.35 | 1.55367 |
| 420067.12 | 3763611.93 | 1.60117 | 420079.70 | 3763600.61 | 1.65965 |
| 420101.50 | 3763588.45 | 1.76210 | 420107.79 | 3763573.35 | 1.80118 |
| 420119.53 | 3763558.68 | 1.86616 | 420130.02 | 3763541.07 | 1.92658 |
| 420141.76 | 3763528.91 | 1.99266 | 420177.06 | 3763505.07 | 2.20231 |
| 420182.52 | 3763490.53 | 2.23744 | 420189.79 | 3763470.23 | 2.28975 |
| 420205.24 | 3763456.30 | 2.39157 | 420211.91 | 3763443.87 | 2.43440 |
| 420221.30 | 3763427.51 | 2.49775 | 420233.11 | 3763414.79 | 2.57771 |
| 420187.06 | 3763375.10 | 2.20749 | 420174.04 | 3763398.73 | 2.11567 |
| 420159.80 | 3763419.94 | 2.01166 | 420144.65 | 3763435.69 | 1.93356 |
| 420157.37 | 3763449.33 | 2.02837 | 420203.21 | 3763366.33 | 2.32689 |
| 420212.30 | 3763349.37 | 2.38273 | 420110.79 | 3763789.57 | 1.47703 |
| 420095.76 | 3763777.27 | 1.44903 | 420082.79 | 3763760.88 | 1.44405 |
| 420069.13 | 3763754.06 | 1.40586 | 420054.11 | 3763743.13 | 1.37059 |
| 420101.91 | 3763822.34 | 1.39015 | 420083.47 | 3763829.85 | 1.31573 |
| 420062.30 | 3763818.25 | 1.27721 | 420054.11 | 3763806.64 | 1.27399 |
| 420037.04 | 3763795.71 | 1.24567 | 420087.94 | 3763866.45 | 1.26507 |
| 420066.97 | 3763858.48 | 1.22299 | 420049.36 | 3763847.57 | 1.19815 |
| 420032.58 | 3763850.93 | 1.15413 | 420490.31 | 3764285.91 | 0.84519 |
| 420510.31 | 3764285.91 | 0.85558 | 420530.31 | 3764285.91 | 0.86630 |
| 420550.31 | 3764285.91 | 0.87701 | 420570.31 | 3764285.91 | 0.88696 |
| 420590.31 | 3764285.91 | 0.89608 | 420610.31 | 3764285.91 | 0.90466 |
| 420390.31 | 3764305.91 | 0.74750 | 420410.31 | 3764305.91 | 0.75684 |

| | | | | | |
|---|---|---|---|---|---|
| 420430.31 | 3764305.91 | 0.76671 | 420450.31 | 3764305.91 | 0.77508 |
| 420470.31 | 3764305.91 | 0.78331 | 420490.31 | 3764305.91 | 0.79156 |
| 420510.31 | 3764305.91 | 0.79996 | 420530.31 | 3764305.91 | 0.80861 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 0.81862 | 420570.31 | 3764305.91 | 0.82782 |
| 420590.31 | 3764305.91 | 0.83558 | 420610.31 | 3764305.91 | 0.84198 |
| 420390.31 | 3764325.91 | 0.70482 | 420410.31 | 3764325.91 | 0.71255 |
| 420430.31 | 3764325.91 | 0.72149 | 420450.31 | 3764325.91 | 0.72818 |
| 420470.31 | 3764325.91 | 0.73568 | 420490.31 | 3764325.91 | 0.74295 |
| 420510.31 | 3764325.91 | 0.74978 | 420530.31 | 3764325.91 | 0.75672 |
| 420550.31 | 3764325.91 | 0.76585 | 420570.31 | 3764325.91 | 0.77451 |
| 420590.31 | 3764325.91 | 0.78139 | 420410.31 | 3764345.91 | 0.67341 |
| 420430.31 | 3764345.91 | 0.67933 | 420450.31 | 3764345.91 | 0.68423 |
| 420470.31 | 3764345.91 | 0.68987 | 420490.31 | 3764345.91 | 0.69720 |
| 420510.31 | 3764345.91 | 0.70544 | 420530.31 | 3764345.91 | 0.71165 |
| 420550.31 | 3764345.91 | 0.71889 | 420570.31 | 3764345.91 | 0.72623 |
| 420430.31 | 3764365.91 | 0.64137 | 420450.31 | 3764365.91 | 0.64557 |
| 420470.31 | 3764365.91 | 0.64998 | 420490.31 | 3764365.91 | 0.65599 |
| 420510.31 | 3764365.91 | 0.66340 | 420530.31 | 3764365.91 | 0.67091 |
| 420550.31 | 3764365.91 | 0.67690 | 420570.31 | 3764365.91 | 0.68220 |
| 420450.31 | 3764385.91 | 0.61116 | 420470.31 | 3764385.91 | 0.61471 |
| 420490.31 | 3764385.91 | 0.61875 | 420510.31 | 3764385.91 | 0.62446 |
| 420530.31 | 3764385.91 | 0.63342 | 420550.31 | 3764385.91 | 0.63878 |
| 420470.31 | 3764405.91 | 0.58217 | 420490.31 | 3764405.91 | 0.58610 |
| 420510.31 | 3764405.91 | 0.59075 | 420530.31 | 3764405.91 | 0.59705 |
| 420490.31 | 3764425.91 | 0.55527 | 420510.31 | 3764425.91 | 0.55872 |
| 420504.61 | 3764167.94 | 1.31682 | 420511.08 | 3764158.02 | 1.37995 |
| 420524.44 | 3764147.67 | 1.46221 | 420535.23 | 3764136.03 | 1.55435 |
| 420493.83 | 3764108.43 | 1.64421 | 420483.05 | 3764124.38 | 1.51779 |
| 420469.25 | 3764140.34 | 1.39994 | 420454.16 | 3764160.60 | 1.27428 |
| 420443.38 | 3764173.11 | 1.20352 | 420427.85 | 3764193.38 | 1.10120 |
| 420417.51 | 3764210.62 | 1.02843 | 420405.86 | 3764224.42 | 0.97124 |
| 420389.91 | 3764241.24 | 0.90818 | 420379.13 | 3764258.92 | 0.85228 |
| 420362.74 | 3764275.31 | 0.80151 | 420351.10 | 3764286.95 | 0.76782 |
| 420518.84 | 3764071.76 | 2.00384 | 420534.99 | 3764080.89 | 1.98045 |
| 420548.34 | 3764092.83 | 1.91785 | 420571.51 | 3764110.38 | 1.82101 |
| 420591.17 | 3764123.02 | 1.76358 | 420605.91 | 3764135.66 | 1.68461 |
| 420622.06 | 3764145.49 | 1.63302 | 420640.32 | 3764160.23 | 1.55190 |
| 420614.34 | 3764193.23 | 1.31298 | 420580.63 | 3764167.96 | 1.41805 |
| 420565.89 | 3764182.00 | 1.32137 | 420553.95 | 3764191.13 | 1.26021 |
| 420597.49 | 3764203.77 | 1.23675 | 420591.87 | 3764223.43 | 1.13915 |

| | | | | | |
|---|---|---|---|---|---|
| 420539.91 | 3764200.26 | 1.19967 | 420606.61 | 3764240.98 | 1.07360 |
| 420629.08 | 3764250.81 | 1.04847 | 420648.74 | 3764238.87 | 1.10828 |
| 420651.55 | 3764222.73 | 1.18669 | 420660.68 | 3764207.98 | 1.26774 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_TR_ON ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 1.34558 | 420681.74 | 3764181.30 | 1.45193 |
| 420712.64 | 3764215.70 | 1.26030 | 420695.09 | 3764229.75 | 1.17493 |
| 420732.30 | 3764227.64 | 1.21258 | 420747.05 | 3764238.17 | 1.17344 |
| 420767.41 | 3764245.19 | 1.15838 | 420681.04 | 3764247.30 | 1.08546 |
| 420668.40 | 3764264.85 | 1.00649 | 420655.06 | 3764283.11 | 0.93345 |
| 420641.02 | 3764297.86 | 0.87899 | 420638.21 | 3764314.71 | 0.82915 |
| 420629.08 | 3764330.86 | 0.78258 | 420619.25 | 3764349.11 | 0.73481 |
| 420605.91 | 3764381.41 | 0.66024 | 420599.59 | 3764395.46 | 0.63231 |
| 420572.91 | 3764397.56 | 0.62131 | 420563.78 | 3764415.82 | 0.58767 |
| 420537.80 | 3764434.78 | 0.54859 | 420556.76 | 3764436.18 | 0.54925 |
| 420575.72 | 3764441.10 | 0.54412 | 420589.76 | 3764450.93 | 0.53334 |
| 420638.21 | 3764481.82 | 0.50379 | 420641.02 | 3764463.56 | 0.52969 |
| 420648.74 | 3764446.01 | 0.55710 | 420652.96 | 3764423.54 | 0.59499 |
| 420652.96 | 3764410.90 | 0.61759 | 420650.85 | 3764387.03 | 0.66243 |
| 420295.36 | 3764152.91 | 1.04156 | 420331.87 | 3764188.02 | 0.99710 |
| 420353.64 | 3764208.38 | 0.96399 | 420339.59 | 3764226.64 | 0.90093 |
| 420327.66 | 3764237.87 | 0.86188 | 420317.83 | 3764252.62 | 0.82002 |
| 420300.27 | 3764231.55 | 0.85101 | 420285.53 | 3764216.81 | 0.86952 |
| 420271.48 | 3764206.28 | 0.87705 | 420260.25 | 3764195.04 | 0.88867 |
| 420283.42 | 3764171.17 | 0.97700 | 420972.38 | 3763271.71 | 2.51299 |
| 420913.80 | 3763329.33 | 3.57563 | 420955.88 | 3763316.14 | 2.99816 |
| 421011.82 | 3763312.84 | 2.49474 | 420869.05 | 3763382.67 | 4.99699 |
| 420913.80 | 3763379.33 | 4.25298 | 420955.88 | 3763366.14 | 3.50481 |
| 421011.82 | 3763362.84 | 2.87875 | 420906.65 | 3763419.80 | 5.10162 |
| 420955.88 | 3763416.14 | 4.16444 | 421011.82 | 3763412.84 | 3.37634 |
| 421009.84 | 3763454.26 | 3.94377 | 420679.66 | 3764117.07 | 2.21401 |
| 420692.12 | 3764098.22 | 2.50583 | 420703.14 | 3764099.09 | 2.52790 |
| 420702.56 | 3764144.04 | 1.96071 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 2.38662 | 420180.57 | 3763830.04 | 2.50158 |
| 420200.57 | 3763830.04 | 2.65829 | 420200.57 | 3763850.04 | 2.61412 |
| 420220.57 | 3763850.04 | 2.78284 | 420240.57 | 3763850.04 | 2.97533 |
| 420160.57 | 3763870.04 | 2.28195 | 420180.57 | 3763870.04 | 2.41540 |
| 420220.57 | 3763870.04 | 2.72577 | 420240.57 | 3763870.04 | 2.90758 |
| 420260.57 | 3763870.04 | 3.11305 | 420160.57 | 3763890.04 | 2.23572 |
| 420200.57 | 3763890.04 | 2.50835 | 420260.57 | 3763890.04 | 3.03176 |
| 420280.57 | 3763890.04 | 3.23836 | 420140.57 | 3763910.04 | 2.08252 |
| 420200.57 | 3763910.04 | 2.42401 | 420220.57 | 3763910.04 | 2.59789 |
| 420280.57 | 3763910.04 | 3.14709 | 420300.57 | 3763910.04 | 3.36287 |
| 420160.57 | 3763930.04 | 2.11576 | 420180.57 | 3763930.04 | 2.20939 |
| 420220.57 | 3763930.04 | 2.50307 | 420240.57 | 3763930.04 | 2.66118 |
| 420260.57 | 3763930.04 | 2.85453 | 420320.57 | 3763930.04 | 3.46171 |
| 420340.57 | 3763930.04 | 3.71888 | 420120.57 | 3763950.04 | 1.86343 |
| 420140.57 | 3763950.04 | 1.94551 | 420200.57 | 3763950.04 | 2.28126 |
| 420220.57 | 3763950.04 | 2.39644 | 420260.57 | 3763950.04 | 2.73309 |
| 420280.57 | 3763950.04 | 2.92739 | 420340.57 | 3763950.04 | 3.56316 |
| 420360.57 | 3763950.04 | 3.83402 | 420120.57 | 3763970.04 | 1.80085 |
| 420140.57 | 3763970.04 | 1.87861 | 420160.57 | 3763970.04 | 2.00465 |
| 420240.57 | 3763970.04 | 2.44614 | 420300.57 | 3763970.04 | 2.98947 |
| 420340.57 | 3763970.04 | 3.39814 | 420360.57 | 3763970.04 | 3.64569 |
| 420100.57 | 3763990.04 | 1.69675 | 420120.57 | 3763990.04 | 1.75481 |
| 420160.57 | 3763990.04 | 1.92229 | 420180.57 | 3763990.04 | 2.05163 |
| 420240.57 | 3763990.04 | 2.36979 | 420260.57 | 3763990.04 | 2.48608 |
| 420280.57 | 3763990.04 | 2.64868 | 420340.57 | 3763990.04 | 3.23588 |
| 420120.57 | 3764010.04 | 1.71046 | 420140.57 | 3764010.04 | 1.78367 |
| 420160.57 | 3764010.04 | 1.88906 | 420200.57 | 3764010.04 | 2.08201 |
| 420220.57 | 3764010.04 | 2.17977 | 420280.57 | 3764010.04 | 2.55712 |
| 420320.57 | 3764010.04 | 2.88573 | 420400.57 | 3764010.04 | 3.66507 |
| 420420.57 | 3764010.04 | 3.91481 | 420440.57 | 3764010.04 | 4.18452 |
| 420180.57 | 3764030.04 | 1.91014 | 420200.57 | 3764030.04 | 1.99229 |
| 420240.57 | 3764030.04 | 2.21532 | 420300.57 | 3764030.04 | 2.61926 |
| 420320.57 | 3764030.04 | 2.74761 | 420400.57 | 3764030.04 | 3.43150 |
| 420440.57 | 3764030.04 | 3.89690 | 420460.57 | 3764030.04 | 4.15796 |

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|---|---|---|---|---|---|
| 420180.57 | 3764050.04 | 1.83359 | 420200.57 | 3764050.04 | 1.91142 |
| 420240.57 | 3764050.04 | 2.11374 | 420280.57 | 3764050.04 | 2.35626 |
| 420380.57 | 3764050.04 | 3.03340 | 420480.57 | 3764050.04 | 4.07896 |
| 420200.57 | 3764070.04 | 1.85030 | 420220.57 | 3764070.04 | 1.94853 |
| 420260.57 | 3764070.04 | 2.14321 | 420280.57 | 3764070.04 | 2.23658 |
| 420360.57 | 3764070.04 | 2.72865 | 420420.57 | 3764070.04 | 3.19774 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 3.37290 | 420260.57 | 3764090.04 | 2.04548 |
| 420340.57 | 3764090.04 | 2.46064 | 420400.57 | 3764090.04 | 2.85778 |
| 420420.57 | 3764090.04 | 2.98599 | 420440.57 | 3764090.04 | 3.14361 |
| 420460.57 | 3764090.04 | 3.33921 | 420260.57 | 3764110.04 | 1.94431 |
| 420340.57 | 3764110.04 | 2.33377 | 420400.57 | 3764110.04 | 2.67794 |
| 420420.57 | 3764110.04 | 2.80318 | 420440.57 | 3764110.04 | 2.95817 |
| 420320.57 | 3764130.04 | 2.10965 | 420380.57 | 3764130.04 | 2.41937 |
| 420400.57 | 3764130.04 | 2.52393 | 420420.57 | 3764130.04 | 2.64637 |
| 420360.57 | 3764150.04 | 2.19610 | 420400.57 | 3764150.04 | 2.38380 |
| 420340.57 | 3764170.04 | 2.00178 | 420380.57 | 3764170.04 | 2.15670 |
| 420400.57 | 3764170.04 | 2.25343 | 420380.57 | 3764190.04 | 2.04847 |
| 420714.65 | 3764272.44 | 2.28399 | 420734.65 | 3764284.40 | 2.19784 |
| 420754.65 | 3764284.40 | 2.19063 | 420280.59 | 3763433.11 | 3.16794 |
| 420260.59 | 3763453.11 | 3.04660 | 420260.59 | 3763473.11 | 3.10386 |
| 420233.62 | 3763487.75 | 2.89935 | 420253.62 | 3763507.75 | 3.12863 |
| 420200.59 | 3763533.11 | 2.71295 | 420223.55 | 3763541.34 | 2.91896 |
| 420240.59 | 3763533.11 | 3.06037 | 420179.16 | 3763563.83 | 2.58777 |
| 420200.59 | 3763573.11 | 2.76668 | 420234.64 | 3763578.58 | 3.08456 |
| 420200.59 | 3763593.11 | 2.78876 | 420160.59 | 3763613.11 | 2.49142 |
| 420138.25 | 3763640.23 | 2.34756 | 420200.59 | 3763613.11 | 2.80718 |
| 420180.59 | 3763633.11 | 2.65215 | 420172.25 | 3763655.96 | 2.59306 |
| 420160.59 | 3763673.11 | 2.50582 | 420160.59 | 3763693.11 | 2.50291 |
| 420092.84 | 3763719.31 | 2.06374 | 420140.59 | 3763713.11 | 2.35427 |
| 420120.59 | 3763733.11 | 2.21566 | 420804.93 | 3764263.30 | 2.29033 |
| 420820.93 | 3764270.66 | 2.22122 | 420839.88 | 3764276.55 | 2.15906 |
| 420860.72 | 3764279.50 | 2.11082 | 420880.72 | 3764279.50 | 2.08032 |
| 420892.72 | 3764288.76 | 1.99041 | 420900.72 | 3764299.50 | 1.93678 |
| 420920.72 | 3764299.50 | 1.91194 | 420980.72 | 3764299.50 | 1.81724 |
| 420740.72 | 3764319.50 | 1.98423 | 420780.72 | 3764319.50 | 1.96655 |
| 420800.72 | 3764319.50 | 1.95102 | 420820.72 | 3764319.50 | 1.93455 |
| 420840.72 | 3764319.50 | 1.91475 | 420940.72 | 3764319.50 | 1.77274 |
| 420980.72 | 3764319.50 | 1.71185 | 421003.29 | 3764310.49 | 1.71231 |
| 421023.29 | 3764310.49 | 1.62773 | 421043.29 | 3764310.49 | 1.59344 |
| 421063.29 | 3764310.49 | 1.55795 | 421083.29 | 3764310.49 | 1.52562 |

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|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 1.49484 | 421123.29 | 3764310.49 | 1.46625 |
| 421143.29 | 3764310.49 | 1.43749 | 421163.29 | 3764310.49 | 1.40990 |
| 421183.29 | 3764310.49 | 1.38286 | 421203.29 | 3764310.49 | 1.35649 |
| 421223.29 | 3764310.49 | 1.32976 | 421243.29 | 3764310.49 | 1.30365 |
| 421263.29 | 3764310.49 | 1.27798 | 421283.29 | 3764310.49 | 1.25261 |
| 421303.29 | 3764310.49 | 1.22804 | 420760.72 | 3764339.50 | 1.87297 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 1.79818 | 420880.72 | 3764339.50 | 1.77336 |
| 420920.72 | 3764339.50 | 1.71735 | 420980.72 | 3764339.50 | 1.58579 |
| 420700.42 | 3764305.37 | 2.03584 | 420780.72 | 3764359.50 | 1.75943 |
| 420800.72 | 3764359.50 | 1.74133 | 420823.92 | 3764366.20 | 1.69214 |
| 420920.72 | 3764359.50 | 1.58025 | 420980.72 | 3764359.50 | 1.47302 |
| 421010.96 | 3764363.22 | 1.43928 | 421030.96 | 3764363.22 | 1.42350 |
| 421050.96 | 3764363.22 | 1.39492 | 421070.96 | 3764363.22 | 1.37153 |
| 421090.96 | 3764363.22 | 1.34759 | 421110.96 | 3764363.22 | 1.32400 |
| 421130.96 | 3764363.22 | 1.29876 | 421150.96 | 3764363.22 | 1.27385 |
| 421170.96 | 3764363.22 | 1.25939 | 421190.96 | 3764368.75 | 1.22269 |
| 421210.17 | 3764368.36 | 1.20701 | 421230.17 | 3764368.36 | 1.18985 |
| 421250.17 | 3764368.36 | 1.17068 | 421270.17 | 3764368.36 | 1.15097 |
| 421290.17 | 3764368.36 | 1.13153 | 421310.17 | 3764368.36 | 1.11071 |
| 420843.63 | 3764371.64 | 1.63363 | 420860.72 | 3764379.50 | 1.56510 |
| 420880.72 | 3764379.50 | 1.51890 | 420898.39 | 3764385.33 | 1.45640 |
| 420980.72 | 3764379.50 | 1.36299 | 420760.72 | 3764399.50 | 1.58487 |
| 420780.72 | 3764399.50 | 1.57879 | 420920.72 | 3764399.50 | 1.37666 |
| 420940.72 | 3764399.50 | 1.36923 | 420980.72 | 3764399.50 | 1.25742 |
| 420746.30 | 3764412.53 | 1.51993 | 420780.72 | 3764419.50 | 1.46496 |
| 420820.72 | 3764419.50 | 1.49054 | 420840.72 | 3764419.50 | 1.45590 |
| 420940.72 | 3764419.50 | 1.27242 | 420980.72 | 3764419.50 | 1.17216 |
| 421013.06 | 3764405.83 | 1.17107 | 421033.06 | 3764405.83 | 1.13594 |
| 421053.06 | 3764405.83 | 1.11563 | 421073.06 | 3764405.83 | 1.09655 |
| 421093.06 | 3764405.83 | 1.07625 | 421113.06 | 3764405.83 | 1.05566 |
| 421133.06 | 3764405.83 | 1.03307 | 421160.72 | 3764419.50 | 0.95082 |
| 421180.72 | 3764419.50 | 0.94946 | 421220.72 | 3764419.50 | 1.05582 |
| 421233.28 | 3764408.34 | 1.08571 | 421253.28 | 3764408.34 | 1.07224 |
| 421273.28 | 3764408.34 | 1.06422 | 421293.28 | 3764408.34 | 1.05051 |
| 420746.30 | 3764432.53 | 1.42376 | 420780.72 | 3764439.50 | 1.38625 |
| 420820.72 | 3764439.50 | 1.39573 | 420860.72 | 3764439.50 | 1.32911 |
| 420880.72 | 3764439.50 | 1.30525 | 420940.72 | 3764439.50 | 1.20283 |
| 420980.72 | 3764439.50 | 1.09696 | 420994.21 | 3764452.98 | 1.03226 |
| 421014.21 | 3764452.98 | 1.00695 | 421034.21 | 3764452.98 | 0.98272 |
| 421054.21 | 3764452.98 | 0.96332 | 421074.21 | 3764452.98 | 0.94852 |

| | | | | | |
|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 0.93574 | 421114.21 | 3764452.98 | 0.91910 |
| 421134.21 | 3764452.98 | 0.89703 | 421180.72 | 3764439.50 | 0.88727 |
| 421220.72 | 3764439.50 | 1.00666 | 420737.00 | 3764452.99 | 1.34525 |
| 420780.72 | 3764459.50 | 1.32073 | 420820.72 | 3764459.50 | 1.30881 |
| 420920.72 | 3764459.50 | 1.12973 | 421134.21 | 3764472.98 | 0.82293 |
| 421180.72 | 3764459.50 | 0.82917 | 421200.72 | 3764459.50 | 0.82064 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 0.98380 | 421252.35 | 3764459.04 | 0.97758 |
| 421293.28 | 3764448.34 | 0.98656 | 420737.00 | 3764472.99 | 1.27458 |
| 420820.72 | 3764479.50 | 1.22419 | 420871.79 | 3764475.04 | 1.07580 |
| 420920.72 | 3764479.50 | 1.03672 | 421180.72 | 3764479.50 | 0.77629 |
| 421200.72 | 3764479.50 | 0.75811 | 421260.72 | 3764479.50 | 0.92801 |
| 421280.72 | 3764479.50 | 0.94232 | 420737.00 | 3764492.99 | 1.20711 |
| 420767.69 | 3764492.53 | 1.19977 | 420820.72 | 3764499.50 | 1.15412 |
| 420871.79 | 3764495.04 | 0.97635 | 420920.72 | 3764499.50 | 0.95995 |
| 421114.21 | 3764512.98 | 0.64917 | 421134.21 | 3764512.98 | 0.66587 |
| 421200.72 | 3764499.50 | 0.71376 | 421280.72 | 3764499.50 | 0.91296 |
| 420730.48 | 3764507.70 | 1.17009 | 420767.69 | 3764512.53 | 1.13356 |
| 420820.72 | 3764519.50 | 1.07511 | 420871.79 | 3764515.04 | 0.89184 |
| 420920.72 | 3764519.50 | 0.85529 | 421000.26 | 3764522.29 | 0.58778 |
| 421020.26 | 3764522.29 | 0.58139 | 421040.26 | 3764522.29 | 0.58930 |
| 421060.26 | 3764522.29 | 0.59964 | 421080.26 | 3764522.29 | 0.61204 |
| 421200.72 | 3764519.50 | 0.68069 | 421280.72 | 3764519.50 | 0.88438 |
| 420730.48 | 3764527.70 | 1.12021 | 420767.69 | 3764532.53 | 1.06864 |
| 420820.72 | 3764539.50 | 1.00062 | 420860.72 | 3764539.50 | 0.82713 |
| 420920.72 | 3764539.50 | 0.76939 | 420980.72 | 3764539.50 | 0.55233 |
| 421160.72 | 3764539.50 | 0.64450 | 421180.72 | 3764539.50 | 0.65349 |
| 421280.72 | 3764539.50 | 0.85708 | 420860.72 | 3764559.50 | 0.75963 |
| 420909.07 | 3764562.58 | 0.72882 | 420980.72 | 3764559.50 | 0.53064 |
| 421040.72 | 3764559.50 | 0.53686 | 421080.72 | 3764559.50 | 0.57088 |
| 421100.72 | 3764559.50 | 0.57944 | 421120.72 | 3764559.50 | 0.58998 |
| 421140.72 | 3764559.50 | 0.60023 | 421160.72 | 3764559.50 | 0.61112 |
| 420960.72 | 3764579.50 | 0.52896 | 421020.72 | 3764579.50 | 0.51481 |
| 420680.84 | 3764330.64 | 1.84287 | 420720.84 | 3764330.64 | 1.89731 |
| 420660.84 | 3764350.64 | 1.72904 | 420692.00 | 3764425.97 | 1.45030 |
| 420720.84 | 3764350.64 | 1.82102 | 420660.84 | 3764370.64 | 1.62587 |
| 420700.84 | 3764370.64 | 1.66381 | 420700.84 | 3764390.64 | 1.58012 |
| 420700.84 | 3764410.64 | 1.51154 | 420680.84 | 3764450.64 | 1.32683 |
| 420680.84 | 3764470.64 | 1.26030 | 420680.84 | 3764490.64 | 1.20023 |
| 420101.08 | 3763674.83 | 2.12298 | 420083.47 | 3763665.61 | 2.02903 |
| 420070.89 | 3763688.25 | 1.96170 | 420083.05 | 3763697.47 | 2.02052 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 1.83902 | 420057.47 | 3763625.35 | 1.90011 |
| 420067.12 | 3763611.93 | 1.94303 | 420079.70 | 3763600.61 | 2.00145 |
| 420101.50 | 3763588.45 | 2.11064 | 420107.79 | 3763573.35 | 2.13716 |
| 420119.53 | 3763558.68 | 2.19367 | 420130.02 | 3763541.07 | 2.24018 |
| 420141.76 | 3763528.91 | 2.29876 | 420177.06 | 3763505.07 | 2.49773 |
| 420182.52 | 3763490.53 | 2.51271 | 420189.79 | 3763470.23 | 2.52864 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.61034 | 420211.91 | 3763443.87 | 2.63197 |
| 420221.30 | 3763427.51 | 2.66243 | 420233.11 | 3763414.79 | 2.71719 |
| 420187.06 | 3763375.10 | 2.29067 | 420174.04 | 3763398.73 | 2.30628 |
| 420159.80 | 3763419.94 | 2.24116 | 420144.65 | 3763435.69 | 2.15983 |
| 420157.37 | 3763449.33 | 2.25280 | 420203.21 | 3763366.33 | 2.39870 |
| 420212.30 | 3763349.37 | 2.41442 | 420110.79 | 3763789.57 | 1.89872 |
| 420095.76 | 3763777.27 | 1.84202 | 420082.79 | 3763760.88 | 1.83866 |
| 420069.13 | 3763754.06 | 1.76476 | 420054.11 | 3763743.13 | 1.69228 |
| 420101.91 | 3763822.34 | 1.83649 | 420083.47 | 3763829.85 | 1.72500 |
| 420062.30 | 3763818.25 | 1.65410 | 420054.11 | 3763806.64 | 1.63454 |
| 420037.04 | 3763795.71 | 1.58263 | 420087.94 | 3763866.45 | 1.72124 |
| 420066.97 | 3763858.48 | 1.63950 | 420049.36 | 3763847.57 | 1.58919 |
| 420032.58 | 3763850.93 | 1.53426 | 420490.31 | 3764285.91 | 1.81175 |
| 420510.31 | 3764285.91 | 1.87654 | 420530.31 | 3764285.91 | 1.92376 |
| 420550.31 | 3764285.91 | 1.96951 | 420570.31 | 3764285.91 | 2.00766 |
| 420590.31 | 3764285.91 | 2.03524 | 420610.31 | 3764285.91 | 2.05742 |
| 420390.31 | 3764305.91 | 1.52719 | 420410.31 | 3764305.91 | 1.56506 |
| 420430.31 | 3764305.91 | 1.60682 | 420450.31 | 3764305.91 | 1.64117 |
| 420470.31 | 3764305.91 | 1.67510 | 420490.31 | 3764305.91 | 1.70890 |
| 420510.31 | 3764305.91 | 1.74590 | 420530.31 | 3764305.91 | 1.79943 |
| 420550.31 | 3764305.91 | 1.84917 | 420570.31 | 3764305.91 | 1.88755 |
| 420590.31 | 3764305.91 | 1.91043 | 420610.31 | 3764305.91 | 1.92005 |
| 420390.31 | 3764325.91 | 1.45394 | 420410.31 | 3764325.91 | 1.48764 |
| 420430.31 | 3764325.91 | 1.52926 | 420450.31 | 3764325.91 | 1.55798 |
| 420470.31 | 3764325.91 | 1.59106 | 420490.31 | 3764325.91 | 1.62191 |
| 420510.31 | 3764325.91 | 1.64985 | 420530.31 | 3764325.91 | 1.67696 |
| 420550.31 | 3764325.91 | 1.73543 | 420570.31 | 3764325.91 | 1.77583 |
| 420590.31 | 3764325.91 | 1.79564 | 420410.31 | 3764345.91 | 1.42641 |
| 420430.31 | 3764345.91 | 1.45323 | 420450.31 | 3764345.91 | 1.47420 |
| 420470.31 | 3764345.91 | 1.49978 | 420490.31 | 3764345.91 | 1.53450 |
| 420510.31 | 3764345.91 | 1.57058 | 420530.31 | 3764345.91 | 1.59515 |
| 420550.31 | 3764345.91 | 1.62502 | 420570.31 | 3764345.91 | 1.67377 |
| 420430.31 | 3764365.91 | 1.38717 | 420450.31 | 3764365.91 | 1.40597 |
| 420470.31 | 3764365.91 | 1.42574 | 420490.31 | 3764365.91 | 1.45469 |

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|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 1.48953 | 420530.31 | 3764365.91 | 1.52073 |
| 420550.31 | 3764365.91 | 1.54297 | 420570.31 | 3764365.91 | 1.56149 |
| 420450.31 | 3764385.91 | 1.34951 | 420470.31 | 3764385.91 | 1.36490 |
| 420490.31 | 3764385.91 | 1.38246 | 420510.31 | 3764385.91 | 1.40921 |
| 420530.31 | 3764385.91 | 1.45112 | 420550.31 | 3764385.91 | 1.47085 |
| 420470.31 | 3764405.91 | 1.30736 | 420490.31 | 3764405.91 | 1.32493 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 1.34627 | 420530.31 | 3764405.91 | 1.37537 |
| 420490.31 | 3764425.91 | 1.26558 | 420510.31 | 3764425.91 | 1.27903 |
| 420504.61 | 3764167.94 | 2.78607 | 420511.08 | 3764158.02 | 2.92130 |
| 420524.44 | 3764147.67 | 3.10199 | 420535.23 | 3764136.03 | 3.29152 |
| 420493.83 | 3764108.43 | 3.36189 | 420483.05 | 3764124.38 | 3.10077 |
| 420469.25 | 3764140.34 | 2.85122 | 420454.16 | 3764160.60 | 2.58884 |
| 420443.38 | 3764173.11 | 2.44172 | 420427.85 | 3764193.38 | 2.21931 |
| 420417.51 | 3764210.62 | 2.07145 | 420405.86 | 3764224.42 | 1.94312 |
| 420389.91 | 3764241.24 | 1.79400 | 420379.13 | 3764258.92 | 1.68466 |
| 420362.74 | 3764275.31 | 1.58441 | 420351.10 | 3764286.95 | 1.51470 |
| 420518.84 | 3764071.76 | 4.11788 | 420534.99 | 3764080.89 | 4.11007 |
| 420548.34 | 3764092.83 | 4.01817 | 420571.51 | 3764110.38 | 3.85283 |
| 420591.17 | 3764123.02 | 3.76984 | 420605.91 | 3764135.66 | 3.62859 |
| 420622.06 | 3764145.49 | 3.53221 | 420640.32 | 3764160.23 | 3.36611 |
| 420614.34 | 3764193.23 | 2.90774 | 420580.63 | 3764167.96 | 3.08671 |
| 420565.89 | 3764182.00 | 2.89508 | 420553.95 | 3764191.13 | 2.76558 |
| 420597.49 | 3764203.77 | 2.75907 | 420591.87 | 3764223.43 | 2.56890 |
| 420539.91 | 3764200.26 | 2.62243 | 420606.61 | 3764240.98 | 2.44934 |
| 420629.08 | 3764250.81 | 2.40479 | 420648.74 | 3764238.87 | 2.51826 |
| 420651.55 | 3764222.73 | 2.66620 | 420660.68 | 3764207.98 | 2.81865 |
| 420667.00 | 3764195.34 | 2.96054 | 420681.74 | 3764181.30 | 3.14036 |
| 420712.64 | 3764215.70 | 2.75231 | 420695.09 | 3764229.75 | 2.60945 |
| 420732.30 | 3764227.64 | 2.63470 | 420747.05 | 3764238.17 | 2.53735 |
| 420767.41 | 3764245.19 | 2.46530 | 420681.04 | 3764247.30 | 2.43929 |
| 420668.40 | 3764264.85 | 2.28184 | 420655.06 | 3764283.11 | 2.11565 |
| 420641.02 | 3764297.86 | 2.00465 | 420638.21 | 3764314.71 | 1.90588 |
| 420629.08 | 3764330.86 | 1.80837 | 420619.25 | 3764349.11 | 1.70897 |
| 420605.91 | 3764381.41 | 1.52334 | 420599.59 | 3764395.46 | 1.46720 |
| 420572.91 | 3764397.56 | 1.43763 | 420563.78 | 3764415.82 | 1.36542 |
| 420537.80 | 3764434.78 | 1.25479 | 420556.76 | 3764436.18 | 1.25433 |
| 420575.72 | 3764441.10 | 1.23499 | 420589.76 | 3764450.93 | 1.21563 |
| 420638.21 | 3764481.82 | 1.17231 | 420641.02 | 3764463.56 | 1.23793 |
| 420648.74 | 3764446.01 | 1.30244 | 420652.96 | 3764423.54 | 1.39008 |
| 420652.96 | 3764410.90 | 1.43983 | 420650.85 | 3764387.03 | 1.55545 |

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|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 1.86006 | 420331.87 | 3764188.02 | 1.85359 |
| 420353.64 | 3764208.38 | 1.82078 | 420339.59 | 3764226.64 | 1.70642 |
| 420327.66 | 3764237.87 | 1.62962 | 420317.83 | 3764252.62 | 1.55583 |
| 420300.27 | 3764231.55 | 1.57668 | 420285.53 | 3764216.81 | 1.58732 |
| 420271.48 | 3764206.28 | 1.57624 | 420260.25 | 3764195.04 | 1.57848 |
| 420283.42 | 3764171.17 | 1.75323 | 420268.56 | 3763810.41 | 3.42566 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 2.60739 | 420470.31 | 3764185.91 | 2.44119 |
| 420490.31 | 3764185.91 | 2.53614 | 420450.31 | 3764205.91 | 2.22056 |
| 420470.31 | 3764205.91 | 2.29131 | 420490.31 | 3764205.91 | 2.35834 |
| 420510.31 | 3764205.91 | 2.44378 | 420530.31 | 3764205.91 | 2.54049 |
| 420430.31 | 3764225.91 | 2.02297 | 420450.31 | 3764225.91 | 2.08443 |
| 420470.31 | 3764225.91 | 2.15252 | 420490.31 | 3764225.91 | 2.21658 |
| 420510.31 | 3764225.91 | 2.27501 | 420530.31 | 3764225.91 | 2.35372 |
| 420550.31 | 3764225.91 | 2.41283 | 420410.31 | 3764245.91 | 1.82820 |
| 420430.31 | 3764245.91 | 1.91058 | 420450.31 | 3764245.91 | 1.96441 |
| 420470.31 | 3764245.91 | 2.02251 | 420490.31 | 3764245.91 | 2.07738 |
| 420510.31 | 3764245.91 | 2.13315 | 420530.31 | 3764245.91 | 2.18886 |
| 420550.31 | 3764245.91 | 2.24254 | 420570.31 | 3764245.91 | 2.31103 |
| 420410.31 | 3764265.91 | 1.73435 | 420430.31 | 3764265.91 | 1.79629 |
| 420450.31 | 3764265.91 | 1.85722 | 420470.31 | 3764265.91 | 1.90543 |
| 420490.31 | 3764265.91 | 1.94827 | 420510.31 | 3764265.91 | 1.99747 |
| 420530.31 | 3764265.91 | 2.05436 | 420550.31 | 3764265.91 | 2.09839 |
| 420570.31 | 3764265.91 | 2.13961 | 420590.31 | 3764265.91 | 2.19460 |
| 420610.31 | 3764265.91 | 2.24702 | 420390.31 | 3764285.91 | 1.60432 |
| 420410.31 | 3764285.91 | 1.64729 | 420430.31 | 3764285.91 | 1.68965 |
| 420450.31 | 3764285.91 | 1.73361 | 420470.31 | 3764285.91 | 1.76986 |
| 420162.22 | 3763820.99 | 2.10916 | 420180.57 | 3763830.04 | 2.19009 |
| 420200.57 | 3763830.04 | 2.32234 | 420200.57 | 3763850.04 | 2.27892 |
| 420220.57 | 3763850.04 | 2.41890 | 420240.57 | 3763850.04 | 2.58974 |
| 420160.57 | 3763870.04 | 1.98151 | 420180.57 | 3763870.04 | 2.09798 |
| 420220.57 | 3763870.04 | 2.35903 | 420240.57 | 3763870.04 | 2.50619 |
| 420260.57 | 3763870.04 | 2.68750 | 420160.57 | 3763890.04 | 1.93207 |
| 420200.57 | 3763890.04 | 2.16565 | 420260.57 | 3763890.04 | 2.60595 |
| 420280.57 | 3763890.04 | 2.77097 | 420140.57 | 3763910.04 | 1.80075 |
| 420200.57 | 3763910.04 | 2.09164 | 420220.57 | 3763910.04 | 2.23296 |
| 420280.57 | 3763910.04 | 2.68782 | 420300.57 | 3763910.04 | 2.86566 |
| 420160.57 | 3763930.04 | 1.82985 | 420180.57 | 3763930.04 | 1.91662 |
| 420220.57 | 3763930.04 | 2.15122 | 420240.57 | 3763930.04 | 2.28101 |
| 420260.57 | 3763930.04 | 2.44022 | 420320.57 | 3763930.04 | 2.93949 |
| 420340.57 | 3763930.04 | 3.14960 | 420120.57 | 3763950.04 | 1.61669 |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 1.69124 | 420200.57 | 3763950.04 | 1.96659 |
| 420220.57 | 3763950.04 | 2.06964 | 420260.57 | 3763950.04 | 2.33465 |
| 420280.57 | 3763950.04 | 2.49001 | 420340.57 | 3763950.04 | 3.01277 |
| 420360.57 | 3763950.04 | 3.23168 | 420120.57 | 3763970.04 | 1.57135 |
| 420140.57 | 3763970.04 | 1.64075 | 420160.57 | 3763970.04 | 1.73112 |
| 420240.57 | 3763970.04 | 2.11007 | 420300.57 | 3763970.04 | 2.53710 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.86990 | 420360.57 | 3763970.04 | 3.06939 |
| 420100.57 | 3763990.04 | 1.47378 | 420120.57 | 3763990.04 | 1.53133 |
| 420160.57 | 3763990.04 | 1.67296 | 420180.57 | 3763990.04 | 1.76595 |
| 420240.57 | 3763990.04 | 2.04088 | 420260.57 | 3763990.04 | 2.14129 |
| 420280.57 | 3763990.04 | 2.27028 | 420340.57 | 3763990.04 | 2.73128 |
| 420120.57 | 3764010.04 | 1.49175 | 420140.57 | 3764010.04 | 1.55268 |
| 420160.57 | 3764010.04 | 1.63437 | 420200.57 | 3764010.04 | 1.79358 |
| 420220.57 | 3764010.04 | 1.87801 | 420280.57 | 3764010.04 | 2.18557 |
| 420320.57 | 3764010.04 | 2.44500 | 420400.57 | 3764010.04 | 3.07632 |
| 420420.57 | 3764010.04 | 3.27177 | 420440.57 | 3764010.04 | 3.48154 |
| 420180.57 | 3764030.04 | 1.65418 | 420200.57 | 3764030.04 | 1.72290 |
| 420240.57 | 3764030.04 | 1.90319 | 420300.57 | 3764030.04 | 2.22054 |
| 420320.57 | 3764030.04 | 2.33133 | 420400.57 | 3764030.04 | 2.88744 |
| 420440.57 | 3764030.04 | 3.24607 | 420460.57 | 3764030.04 | 3.45390 |
| 420180.57 | 3764050.04 | 1.58888 | 420200.57 | 3764050.04 | 1.65545 |
| 420240.57 | 3764050.04 | 1.82041 | 420280.57 | 3764050.04 | 2.01473 |
| 420380.57 | 3764050.04 | 2.56846 | 420480.57 | 3764050.04 | 3.38301 |
| 420200.57 | 3764070.04 | 1.60088 | 420220.57 | 3764070.04 | 1.67946 |
| 420260.57 | 3764070.04 | 1.84061 | 420280.57 | 3764070.04 | 1.91743 |
| 420360.57 | 3764070.04 | 2.31838 | 420420.57 | 3764070.04 | 2.68967 |
| 420440.57 | 3764070.04 | 2.82628 | 420260.57 | 3764090.04 | 1.75827 |
| 420340.57 | 3764090.04 | 2.09559 | 420400.57 | 3764090.04 | 2.41468 |
| 420420.57 | 3764090.04 | 2.52034 | 420440.57 | 3764090.04 | 2.64333 |
| 420460.57 | 3764090.04 | 2.78803 | 420260.57 | 3764110.04 | 1.67468 |
| 420340.57 | 3764110.04 | 1.99034 | 420400.57 | 3764110.04 | 2.26750 |
| 420420.57 | 3764110.04 | 2.37203 | 420440.57 | 3764110.04 | 2.48635 |
| 420320.57 | 3764130.04 | 1.80776 | 420380.57 | 3764130.04 | 2.05562 |
| 420400.57 | 3764130.04 | 2.14038 | 420420.57 | 3764130.04 | 2.24000 |
| 420360.57 | 3764150.04 | 1.87470 | 420400.57 | 3764150.04 | 2.02438 |
| 420340.57 | 3764170.04 | 1.71399 | 420380.57 | 3764170.04 | 1.84328 |
| 420400.57 | 3764170.04 | 1.91883 | 420380.57 | 3764190.04 | 1.75067 |
| 420714.65 | 3764272.44 | 1.94133 | 420734.65 | 3764284.40 | 1.86892 |
| 420754.65 | 3764284.40 | 1.87245 | 420280.59 | 3763433.11 | 3.09490 |
| 420260.59 | 3763453.11 | 2.96359 | 420260.59 | 3763473.11 | 3.01470 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 2.85280 | 420253.62 | 3763507.75 | 3.07925 |
| 420200.59 | 3763533.11 | 2.62880 | 420223.55 | 3763541.34 | 2.83122 |
| 420240.59 | 3763533.11 | 2.98314 | 420179.16 | 3763563.83 | 2.47173 |
| 420200.59 | 3763573.11 | 2.63646 | 420234.64 | 3763578.58 | 2.96178 |
| 420200.59 | 3763593.11 | 2.64112 | 420160.59 | 3763613.11 | 2.34020 |
| 420138.25 | 3763640.23 | 2.17832 | 420200.59 | 3763613.11 | 2.64758 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.47340 | 420172.25 | 3763655.96 | 2.39765 |
| 420160.59 | 3763673.11 | 2.30740 | 420160.59 | 3763693.11 | 2.29628 |
| 420092.84 | 3763719.31 | 1.87210 | 420140.59 | 3763713.11 | 2.14710 |
| 420120.59 | 3763733.11 | 2.01329 | 420804.93 | 3764263.30 | 1.96879 |
| 420820.93 | 3764270.66 | 1.91193 | 420839.88 | 3764276.55 | 1.86132 |
| 420860.72 | 3764279.50 | 1.81783 | 420880.72 | 3764279.50 | 1.79312 |
| 420892.72 | 3764288.76 | 1.71648 | 420900.72 | 3764299.50 | 1.66771 |
| 420920.72 | 3764299.50 | 1.65247 | 420980.72 | 3764299.50 | 1.59617 |
| 420740.72 | 3764319.50 | 1.68492 | 420780.72 | 3764319.50 | 1.67776 |
| 420800.72 | 3764319.50 | 1.66100 | 420820.72 | 3764319.50 | 1.64861 |
| 420840.72 | 3764319.50 | 1.63443 | 420940.72 | 3764319.50 | 1.53879 |
| 420980.72 | 3764319.50 | 1.49942 | 421003.29 | 3764310.49 | 1.50924 |
| 421023.29 | 3764310.49 | 1.46602 | 421043.29 | 3764310.49 | 1.44367 |
| 421063.29 | 3764310.49 | 1.41994 | 421083.29 | 3764310.49 | 1.39703 |
| 421103.29 | 3764310.49 | 1.37593 | 421123.29 | 3764310.49 | 1.35643 |
| 421143.29 | 3764310.49 | 1.33641 | 421163.29 | 3764310.49 | 1.31660 |
| 421183.29 | 3764310.49 | 1.29701 | 421203.29 | 3764310.49 | 1.27873 |
| 421223.29 | 3764310.49 | 1.26306 | 421243.29 | 3764310.49 | 1.24484 |
| 421263.29 | 3764310.49 | 1.22675 | 421283.29 | 3764310.49 | 1.20912 |
| 421303.29 | 3764310.49 | 1.19226 | 420760.72 | 3764339.50 | 1.59445 |
| 420860.72 | 3764339.50 | 1.53715 | 420880.72 | 3764339.50 | 1.52071 |
| 420920.72 | 3764339.50 | 1.48404 | 420980.72 | 3764339.50 | 1.40885 |
| 420700.42 | 3764305.37 | 1.72251 | 420780.72 | 3764359.50 | 1.49456 |
| 420800.72 | 3764359.50 | 1.48420 | 420823.92 | 3764366.20 | 1.44662 |
| 420920.72 | 3764359.50 | 1.38819 | 420980.72 | 3764359.50 | 1.31375 |
| 421010.96 | 3764363.22 | 1.29221 | 421030.96 | 3764363.22 | 1.27915 |
| 421050.96 | 3764363.22 | 1.26070 | 421070.96 | 3764363.22 | 1.24287 |
| 421090.96 | 3764363.22 | 1.22424 | 421110.96 | 3764363.22 | 1.20612 |
| 421130.96 | 3764363.22 | 1.18552 | 421150.96 | 3764363.22 | 1.16545 |
| 421170.96 | 3764363.22 | 1.16072 | 421190.96 | 3764368.75 | 1.12852 |
| 421210.17 | 3764368.36 | 1.12050 | 421230.17 | 3764368.36 | 1.11137 |
| 421250.17 | 3764368.36 | 1.09892 | 421270.17 | 3764368.36 | 1.08534 |
| 421290.17 | 3764368.36 | 1.07251 | 421310.17 | 3764368.36 | 1.06033 |
| 420843.63 | 3764371.64 | 1.40849 | 420860.72 | 3764379.50 | 1.36278 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 1.33268 | 420898.39 | 3764385.33 | 1.28361 |
| 420980.72 | 3764379.50 | 1.19735 | 420760.72 | 3764399.50 | 1.35050 |
| 420780.72 | 3764399.50 | 1.34641 | 420920.72 | 3764399.50 | 1.20832 |
| 420940.72 | 3764399.50 | 1.20658 | 420980.72 | 3764399.50 | 1.08677 |
| 420746.30 | 3764412.53 | 1.30375 | 420780.72 | 3764419.50 | 1.26775 |
| 420820.72 | 3764419.50 | 1.27500 | 420840.72 | 3764419.50 | 1.26030 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.10853 | 420980.72 | 3764419.50 | 0.99886 |
| 421013.06 | 3764405.83 | 0.99936 | 421033.06 | 3764405.83 | 0.97336 |
| 421053.06 | 3764405.83 | 0.96029 | 421073.06 | 3764405.83 | 0.94828 |
| 421093.06 | 3764405.83 | 0.93553 | 421113.06 | 3764405.83 | 0.92260 |
| 421133.06 | 3764405.83 | 0.90801 | 421160.72 | 3764419.50 | 0.84376 |
| 421180.72 | 3764419.50 | 0.84474 | 421220.72 | 3764419.50 | 0.95677 |
| 421233.28 | 3764408.34 | 0.99720 | 421253.28 | 3764408.34 | 0.98996 |
| 421273.28 | 3764408.34 | 0.98971 | 421293.28 | 3764408.34 | 0.98265 |
| 420746.30 | 3764432.53 | 1.23115 | 420780.72 | 3764439.50 | 1.20468 |
| 420820.72 | 3764439.50 | 1.21013 | 420860.72 | 3764439.50 | 1.17093 |
| 420880.72 | 3764439.50 | 1.14942 | 420940.72 | 3764439.50 | 1.04222 |
| 420980.72 | 3764439.50 | 0.93055 | 420994.21 | 3764452.98 | 0.88037 |
| 421014.21 | 3764452.98 | 0.86401 | 421034.21 | 3764452.98 | 0.84819 |
| 421054.21 | 3764452.98 | 0.83551 | 421074.21 | 3764452.98 | 0.82600 |
| 421094.21 | 3764452.98 | 0.81791 | 421114.21 | 3764452.98 | 0.80693 |
| 421134.21 | 3764452.98 | 0.79166 | 421180.72 | 3764439.50 | 0.79072 |
| 421220.72 | 3764439.50 | 0.90316 | 420737.00 | 3764452.99 | 1.16772 |
| 420780.72 | 3764459.50 | 1.14976 | 420820.72 | 3764459.50 | 1.14184 |
| 420920.72 | 3764459.50 | 0.96407 | 421134.21 | 3764472.98 | 0.72997 |
| 421180.72 | 3764459.50 | 0.74028 | 421200.72 | 3764459.50 | 0.73485 |
| 421233.28 | 3764448.34 | 0.88386 | 421252.35 | 3764459.04 | 0.89138 |
| 421293.28 | 3764448.34 | 0.91627 | 420737.00 | 3764472.99 | 1.11272 |
| 420820.72 | 3764479.50 | 1.07503 | 420871.79 | 3764475.04 | 0.90223 |
| 420920.72 | 3764479.50 | 0.87317 | 421180.72 | 3764479.50 | 0.69413 |
| 421200.72 | 3764479.50 | 0.68003 | 421260.72 | 3764479.50 | 0.83937 |
| 421280.72 | 3764479.50 | 0.86602 | 420737.00 | 3764492.99 | 1.05847 |
| 420767.69 | 3764492.53 | 1.05024 | 420820.72 | 3764499.50 | 1.00563 |
| 420871.79 | 3764495.04 | 0.82494 | 420920.72 | 3764499.50 | 0.81352 |
| 421114.21 | 3764512.98 | 0.57903 | 421134.21 | 3764512.98 | 0.59461 |
| 421200.72 | 3764499.50 | 0.64057 | 421280.72 | 3764499.50 | 0.83639 |
| 420730.48 | 3764507.70 | 1.02543 | 420767.69 | 3764512.53 | 0.98593 |
| 420820.72 | 3764519.50 | 0.92700 | 420871.79 | 3764515.04 | 0.76206 |
| 420920.72 | 3764519.50 | 0.73639 | 421000.26 | 3764522.29 | 0.52167 |
| 421020.26 | 3764522.29 | 0.51666 | 421040.26 | 3764522.29 | 0.52409 |

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|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 0.53374 | 421080.26 | 3764522.29 | 0.54527 |
| 421200.72 | 3764519.50 | 0.61108 | 421280.72 | 3764519.50 | 0.80770 |
| 420730.48 | 3764527.70 | 0.98016 | 420767.69 | 3764532.53 | 0.92336 |
| 420820.72 | 3764539.50 | 0.85224 | 420860.72 | 3764539.50 | 0.71097 |
| 420920.72 | 3764539.50 | 0.66989 | 420980.72 | 3764539.50 | 0.49072 |
| 421160.72 | 3764539.50 | 0.57700 | 421180.72 | 3764539.50 | 0.58582 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.78052 | 420860.72 | 3764559.50 | 0.65858 |
| 420909.07 | 3764562.58 | 0.63592 | 420980.72 | 3764559.50 | 0.47206 |
| 421040.72 | 3764559.50 | 0.47868 | 421080.72 | 3764559.50 | 0.50953 |
| 421100.72 | 3764559.50 | 0.51768 | 421120.72 | 3764559.50 | 0.52757 |
| 421140.72 | 3764559.50 | 0.53728 | 421160.72 | 3764559.50 | 0.54762 |
| 420960.72 | 3764579.50 | 0.47024 | 421020.72 | 3764579.50 | 0.45916 |
| 420680.84 | 3764330.64 | 1.58007 | 420720.84 | 3764330.64 | 1.60948 |
| 420660.84 | 3764350.64 | 1.48616 | 420692.00 | 3764425.97 | 1.25069 |
| 420720.84 | 3764350.64 | 1.54151 | 420660.84 | 3764370.64 | 1.40197 |
| 420700.84 | 3764370.64 | 1.43100 | 420700.84 | 3764390.64 | 1.36020 |
| 420700.84 | 3764410.64 | 1.30251 | 420680.84 | 3764450.64 | 1.16148 |
| 420680.84 | 3764470.64 | 1.10196 | 420680.84 | 3764490.64 | 1.04623 |
| 420101.08 | 3763674.83 | 1.95661 | 420083.47 | 3763665.61 | 1.87390 |
| 420070.89 | 3763688.25 | 1.80104 | 420083.05 | 3763697.47 | 1.84757 |
| 420043.64 | 3763644.22 | 1.69806 | 420057.47 | 3763625.35 | 1.76335 |
| 420067.12 | 3763611.93 | 1.80820 | 420079.70 | 3763600.61 | 1.86844 |
| 420101.50 | 3763588.45 | 1.98421 | 420107.79 | 3763573.35 | 2.01629 |
| 420119.53 | 3763558.68 | 2.08182 | 420130.02 | 3763541.07 | 2.13633 |
| 420141.76 | 3763528.91 | 2.20404 | 420177.06 | 3763505.07 | 2.42921 |
| 420182.52 | 3763490.53 | 2.45407 | 420189.79 | 3763470.23 | 2.48923 |
| 420205.24 | 3763456.30 | 2.54043 | 420211.91 | 3763443.87 | 2.56274 |
| 420221.30 | 3763427.51 | 2.59788 | 420233.11 | 3763414.79 | 2.65582 |
| 420187.06 | 3763375.10 | 2.36023 | 420174.04 | 3763398.73 | 2.28635 |
| 420159.80 | 3763419.94 | 2.18122 | 420144.65 | 3763435.69 | 2.09090 |
| 420157.37 | 3763449.33 | 2.20144 | 420203.21 | 3763366.33 | 2.44066 |
| 420212.30 | 3763349.37 | 2.46288 | 420110.79 | 3763789.57 | 1.72689 |
| 420095.76 | 3763777.27 | 1.68082 | 420082.79 | 3763760.88 | 1.68374 |
| 420069.13 | 3763754.06 | 1.61915 | 420054.11 | 3763743.13 | 1.55750 |
| 420101.91 | 3763822.34 | 1.66211 | 420083.47 | 3763829.85 | 1.56123 |
| 420062.30 | 3763818.25 | 1.50211 | 420054.11 | 3763806.64 | 1.48795 |
| 420037.04 | 3763795.71 | 1.44475 | 420087.94 | 3763866.45 | 1.54897 |
| 420066.97 | 3763858.48 | 1.47933 | 420049.36 | 3763847.57 | 1.43787 |
| 420032.58 | 3763850.93 | 1.38876 | 420490.31 | 3764285.91 | 1.57077 |
| 420510.31 | 3764285.91 | 1.60763 | 420530.31 | 3764285.91 | 1.64490 |

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|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 1.68082 | 420570.31 | 3764285.91 | 1.71137 |
| 420590.31 | 3764285.91 | 1.73596 | 420610.31 | 3764285.91 | 1.75524 |
| 420390.31 | 3764305.91 | 1.32571 | 420410.31 | 3764305.91 | 1.35915 |
| 420430.31 | 3764305.91 | 1.39791 | 420450.31 | 3764305.91 | 1.42748 |
| 420470.31 | 3764305.91 | 1.45697 | 420490.31 | 3764305.91 | 1.48686 |
| 420510.31 | 3764305.91 | 1.51692 | 420530.31 | 3764305.91 | 1.54720 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.58282 | 420570.31 | 3764305.91 | 1.61263 |
| 420590.31 | 3764305.91 | 1.63295 | 420610.31 | 3764305.91 | 1.64395 |
| 420390.31 | 3764325.91 | 1.25979 | 420410.31 | 3764325.91 | 1.28916 |
| 420430.31 | 3764325.91 | 1.32897 | 420450.31 | 3764325.91 | 1.35282 |
| 420470.31 | 3764325.91 | 1.38273 | 420490.31 | 3764325.91 | 1.41034 |
| 420510.31 | 3764325.91 | 1.43486 | 420530.31 | 3764325.91 | 1.45908 |
| 420550.31 | 3764325.91 | 1.49334 | 420570.31 | 3764325.91 | 1.52257 |
| 420590.31 | 3764325.91 | 1.54057 | 420410.31 | 3764345.91 | 1.23757 |
| 420430.31 | 3764345.91 | 1.25999 | 420450.31 | 3764345.91 | 1.27571 |
| 420470.31 | 3764345.91 | 1.29727 | 420490.31 | 3764345.91 | 1.33045 |
| 420510.31 | 3764345.91 | 1.36678 | 420530.31 | 3764345.91 | 1.38894 |
| 420550.31 | 3764345.91 | 1.41466 | 420570.31 | 3764345.91 | 1.43952 |
| 420430.31 | 3764365.91 | 1.20203 | 420450.31 | 3764365.91 | 1.21643 |
| 420470.31 | 3764365.91 | 1.23226 | 420490.31 | 3764365.91 | 1.25861 |
| 420510.31 | 3764365.91 | 1.29359 | 420530.31 | 3764365.91 | 1.32545 |
| 420550.31 | 3764365.91 | 1.34630 | 420570.31 | 3764365.91 | 1.36133 |
| 420450.31 | 3764385.91 | 1.16912 | 420470.31 | 3764385.91 | 1.18069 |
| 420490.31 | 3764385.91 | 1.19495 | 420510.31 | 3764385.91 | 1.21978 |
| 420530.31 | 3764385.91 | 1.26558 | 420550.31 | 3764385.91 | 1.28405 |
| 420470.31 | 3764405.91 | 1.13162 | 420490.31 | 3764405.91 | 1.14642 |
| 420510.31 | 3764405.91 | 1.16570 | 420530.31 | 3764405.91 | 1.19531 |
| 420490.31 | 3764425.91 | 1.09479 | 420510.31 | 3764425.91 | 1.10571 |
| 420504.61 | 3764167.94 | 2.33153 | 420511.08 | 3764158.02 | 2.44003 |
| 420524.44 | 3764147.67 | 2.58880 | 420535.23 | 3764136.03 | 2.74224 |
| 420493.83 | 3764108.43 | 2.80176 | 420483.05 | 3764124.38 | 2.58992 |
| 420469.25 | 3764140.34 | 2.38973 | 420454.16 | 3764160.60 | 2.18243 |
| 420443.38 | 3764173.11 | 2.06609 | 420427.85 | 3764193.38 | 1.88700 |
| 420417.51 | 3764210.62 | 1.76763 | 420405.86 | 3764224.42 | 1.66563 |
| 420389.91 | 3764241.24 | 1.55948 | 420379.13 | 3764258.92 | 1.46571 |
| 420362.74 | 3764275.31 | 1.37763 | 420351.10 | 3764286.95 | 1.31486 |
| 420518.84 | 3764071.76 | 3.40912 | 420534.99 | 3764080.89 | 3.40390 |
| 420548.34 | 3764092.83 | 3.33320 | 420571.51 | 3764110.38 | 3.19145 |
| 420591.17 | 3764123.02 | 3.14742 | 420605.91 | 3764135.66 | 3.02477 |
| 420622.06 | 3764145.49 | 2.95181 | 420640.32 | 3764160.23 | 2.84244 |

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|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 2.45611 | 420580.63 | 3764167.96 | 2.57577 |
| 420565.89 | 3764182.00 | 2.42034 | 420553.95 | 3764191.13 | 2.31349 |
| 420597.49 | 3764203.77 | 2.30926 | 420591.87 | 3764223.43 | 2.15416 |
| 420539.91 | 3764200.26 | 2.19783 | 420606.61 | 3764240.98 | 2.05634 |
| 420629.08 | 3764250.81 | 2.02754 | 420648.74 | 3764238.87 | 2.11872 |
| 420651.55 | 3764222.73 | 2.25238 | 420660.68 | 3764207.98 | 2.37528 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_ROUTE ***
INCLUDING SOURCE(S): L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.50062 | 420681.74 | 3764181.30 | 2.67502 |
| 420712.64 | 3764215.70 | 2.31360 | 420695.09 | 3764229.75 | 2.19231 |
| 420732.30 | 3764227.64 | 2.22077 | 420747.05 | 3764238.17 | 2.15229 |
| 420767.41 | 3764245.19 | 2.11318 | 420681.04 | 3764247.30 | 2.05468 |
| 420668.40 | 3764264.85 | 1.92679 | 420655.06 | 3764283.11 | 1.80500 |
| 420641.02 | 3764297.86 | 1.71222 | 420638.21 | 3764314.71 | 1.63113 |
| 420629.08 | 3764330.86 | 1.55168 | 420619.25 | 3764349.11 | 1.46839 |
| 420605.91 | 3764381.41 | 1.32917 | 420599.59 | 3764395.46 | 1.27976 |
| 420572.91 | 3764397.56 | 1.25116 | 420563.78 | 3764415.82 | 1.18567 |
| 420537.80 | 3764434.78 | 1.07935 | 420556.76 | 3764436.18 | 1.07663 |
| 420575.72 | 3764441.10 | 1.05655 | 420589.76 | 3764450.93 | 1.04030 |
| 420638.21 | 3764481.82 | 1.00851 | 420641.02 | 3764463.56 | 1.07026 |
| 420648.74 | 3764446.01 | 1.12932 | 420652.96 | 3764423.54 | 1.21194 |
| 420652.96 | 3764410.90 | 1.25866 | 420650.85 | 3764387.03 | 1.34278 |
| 420295.36 | 3764152.91 | 1.62191 | 420331.87 | 3764188.02 | 1.61291 |
| 420353.64 | 3764208.38 | 1.58319 | 420339.59 | 3764226.64 | 1.48374 |
| 420327.66 | 3764237.87 | 1.41551 | 420317.83 | 3764252.62 | 1.35157 |
| 420300.27 | 3764231.55 | 1.36860 | 420285.53 | 3764216.81 | 1.37884 |
| 420271.48 | 3764206.28 | 1.36852 | 420260.25 | 3764195.04 | 1.37099 |
| 420283.42 | 3764171.17 | 1.53008 | 420972.38 | 3763271.71 | 38.80780 |
| 420913.80 | 3763329.33 | 56.12793 | 420955.88 | 3763316.14 | 32.06450 |
| 421011.82 | 3763312.84 | 17.47090 | 420869.05 | 3763382.67 | 62.80921 |
| 420913.80 | 3763379.33 | 31.32293 | 420955.88 | 3763366.14 | 22.03129 |
| 421011.82 | 3763362.84 | 14.17038 | 420906.65 | 3763419.80 | 24.98028 |
| 420955.88 | 3763416.14 | 17.01723 | 421011.82 | 3763412.84 | 11.99413 |
| 421009.84 | 3763454.26 | 10.82290 | 420679.66 | 3764117.07 | 4.19017 |
| 420692.12 | 3764098.22 | 4.64681 | 420703.14 | 3764099.09 | 4.62952 |
| 420702.56 | 3764144.04 | 3.69268 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 25.98779 | 420180.57 | 3763830.04 | 26.85357 |
| 420200.57 | 3763830.04 | 28.18303 | 420200.57 | 3763850.04 | 28.04170 |
| 420220.57 | 3763850.04 | 29.44180 | 420240.57 | 3763850.04 | 31.19069 |
| 420160.57 | 3763870.04 | 25.07175 | 420180.57 | 3763870.04 | 26.36511 |
| 420220.57 | 3763870.04 | 29.12391 | 420240.57 | 3763870.04 | 30.59579 |
| 420260.57 | 3763870.04 | 32.45720 | 420160.57 | 3763890.04 | 24.71266 |
| 420200.57 | 3763890.04 | 27.35025 | 420260.57 | 3763890.04 | 32.01277 |
| 420280.57 | 3763890.04 | 33.58138 | 420140.57 | 3763910.04 | 23.46235 |
| 420200.57 | 3763910.04 | 26.71164 | 420220.57 | 3763910.04 | 28.38476 |
| 420280.57 | 3763910.04 | 33.24040 | 420300.57 | 3763910.04 | 34.99565 |
| 420160.57 | 3763930.04 | 23.92460 | 420180.57 | 3763930.04 | 24.90982 |
| 420220.57 | 3763930.04 | 27.68457 | 420240.57 | 3763930.04 | 29.16732 |
| 420260.57 | 3763930.04 | 31.04894 | 420320.57 | 3763930.04 | 36.25002 |
| 420340.57 | 3763930.04 | 38.36926 | 420120.57 | 3763950.04 | 21.52033 |
| 420140.57 | 3763950.04 | 22.42901 | 420200.57 | 3763950.04 | 25.77234 |
| 420220.57 | 3763950.04 | 26.97489 | 420260.57 | 3763950.04 | 30.13701 |
| 420280.57 | 3763950.04 | 31.97368 | 420340.57 | 3763950.04 | 37.70067 |
| 420360.57 | 3763950.04 | 40.04303 | 420120.57 | 3763970.04 | 21.10723 |
| 420140.57 | 3763970.04 | 21.96848 | 420160.57 | 3763970.04 | 23.15036 |
| 420240.57 | 3763970.04 | 27.76556 | 420300.57 | 3763970.04 | 32.99665 |
| 420340.57 | 3763970.04 | 36.83899 | 420360.57 | 3763970.04 | 39.14466 |
| 420100.57 | 3763990.04 | 20.05335 | 420120.57 | 3763990.04 | 20.77031 |
| 420160.57 | 3763990.04 | 22.58808 | 420180.57 | 3763990.04 | 23.83643 |
| 420240.57 | 3763990.04 | 27.27841 | 420260.57 | 3763990.04 | 28.48624 |
| 420280.57 | 3763990.04 | 30.12773 | 420340.57 | 3763990.04 | 35.92736 |
| 420120.57 | 3764010.04 | 20.42876 | 420140.57 | 3764010.04 | 21.21493 |
| 420160.57 | 3764010.04 | 22.34819 | 420200.57 | 3764010.04 | 24.45303 |
| 420220.57 | 3764010.04 | 25.54205 | 420280.57 | 3764010.04 | 29.53944 |
| 420320.57 | 3764010.04 | 32.93907 | 420400.57 | 3764010.04 | 41.08030 |
| 420420.57 | 3764010.04 | 43.66417 | 420440.57 | 3764010.04 | 46.47618 |
| 420180.57 | 3764030.04 | 22.82904 | 420200.57 | 3764030.04 | 23.72236 |
| 420240.57 | 3764030.04 | 26.21491 | 420300.57 | 3764030.04 | 30.57123 |
| 420320.57 | 3764030.04 | 32.03538 | 420400.57 | 3764030.04 | 39.64395 |
| 420440.57 | 3764030.04 | 44.84488 | 420460.57 | 3764030.04 | 48.02764 |
| 420180.57 | 3764050.04 | 22.10035 | 420200.57 | 3764050.04 | 23.00453 |

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|---|---|---|---|---|---|
| 420240.57 | 3764050.04 | 25.35276 | 420280.57 | 3764050.04 | 28.15901 |
| 420380.57 | 3764050.04 | 36.02193 | 420480.57 | 3764050.04 | 49.07593 |
| 420200.57 | 3764070.04 | 22.49875 | 420220.57 | 3764070.04 | 23.67565 |
| 420260.57 | 3764070.04 | 26.04658 | 420280.57 | 3764070.04 | 27.12365 |
| 420360.57 | 3764070.04 | 33.13847 | 420420.57 | 3764070.04 | 39.05405 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 41.34639 | 420260.57 | 3764090.04 | 25.14557 |
| 420340.57 | 3764090.04 | 30.33438 | 420400.57 | 3764090.04 | 35.61129 |
| 420420.57 | 3764090.04 | 37.39096 | 420440.57 | 3764090.04 | 39.60366 |
| 420460.57 | 3764090.04 | 42.40200 | 420260.57 | 3764110.04 | 24.14532 |
| 420340.57 | 3764110.04 | 29.23614 | 420400.57 | 3764110.04 | 33.99961 |
| 420420.57 | 3764110.04 | 35.92034 | 420440.57 | 3764110.04 | 38.12951 |
| 420320.57 | 3764130.04 | 26.68253 | 420380.57 | 3764130.04 | 31.06783 |
| 420400.57 | 3764130.04 | 32.62699 | 420420.57 | 3764130.04 | 34.58658 |
| 420360.57 | 3764150.04 | 28.49388 | 420400.57 | 3764150.04 | 31.32407 |
| 420340.57 | 3764170.04 | 26.10744 | 420380.57 | 3764170.04 | 28.55672 |
| 420400.57 | 3764170.04 | 30.10649 | 420380.57 | 3764190.04 | 27.41831 |
| 420714.65 | 3764272.44 | 42.77652 | 420734.65 | 3764284.40 | 41.73380 |
| 420754.65 | 3764284.40 | 42.85212 | 420280.59 | 3763433.11 | 28.43496 |
| 420260.59 | 3763453.11 | 27.93104 | 420260.59 | 3763473.11 | 28.59770 |
| 420233.62 | 3763487.75 | 27.40493 | 420253.62 | 3763507.75 | 29.25827 |
| 420200.59 | 3763533.11 | 26.59046 | 420223.55 | 3763541.34 | 28.20776 |
| 420240.59 | 3763533.11 | 29.12311 | 420179.16 | 3763563.83 | 25.99507 |
| 420200.59 | 3763573.11 | 27.48544 | 420234.64 | 3763578.58 | 29.88868 |
| 420200.59 | 3763593.11 | 27.84321 | 420160.59 | 3763613.11 | 25.66774 |
| 420138.25 | 3763640.23 | 24.60563 | 420200.59 | 3763613.11 | 28.20726 |
| 420180.59 | 3763633.11 | 27.09000 | 420172.25 | 3763655.96 | 26.75710 |
| 420160.59 | 3763673.11 | 26.18138 | 420160.59 | 3763693.11 | 26.34656 |
| 420092.84 | 3763719.31 | 22.51022 | 420140.59 | 3763713.11 | 25.18467 |
| 420120.59 | 3763733.11 | 24.10767 | 420804.93 | 3764263.30 | 47.64559 |
| 420820.93 | 3764270.66 | 46.60458 | 420839.88 | 3764276.55 | 45.74389 |
| 420860.72 | 3764279.50 | 44.80743 | 420880.72 | 3764279.50 | 44.48402 |
| 420892.72 | 3764288.76 | 41.73158 | 420900.72 | 3764299.50 | 40.65385 |
| 420920.72 | 3764299.50 | 40.77073 | 420980.72 | 3764299.50 | 40.32994 |
| 420740.72 | 3764319.50 | 37.20024 | 420780.72 | 3764319.50 | 38.28366 |
| 420800.72 | 3764319.50 | 38.13889 | 420820.72 | 3764319.50 | 38.28478 |
| 420840.72 | 3764319.50 | 38.34753 | 420940.72 | 3764319.50 | 37.11162 |
| 420980.72 | 3764319.50 | 36.41310 | 421003.29 | 3764310.49 | 37.00081 |
| 421023.29 | 3764310.49 | 35.15757 | 421043.29 | 3764310.49 | 34.59120 |
| 421063.29 | 3764310.49 | 33.92757 | 421083.29 | 3764310.49 | 33.30489 |
| 421103.29 | 3764310.49 | 32.78979 | 421123.29 | 3764310.49 | 32.36521 |

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|---|---|---|---|---|---|
| 421143.29 | 3764310.49 | 31.90711 | 421163.29 | 3764310.49 | 31.45837 |
| 421183.29 | 3764310.49 | 31.01902 | 421203.29 | 3764310.49 | 30.64420 |
| 421223.29 | 3764310.49 | 30.40410 | 421243.29 | 3764310.49 | 30.01108 |
| 421263.29 | 3764310.49 | 29.61123 | 421283.29 | 3764310.49 | 29.22194 |
| 421303.29 | 3764310.49 | 28.85207 | 420760.72 | 3764339.50 | 35.49594 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 35.90973 | 420880.72 | 3764339.50 | 35.74532 |
| 420920.72 | 3764339.50 | 35.16581 | 420980.72 | 3764339.50 | 32.99800 |
| 420700.42 | 3764305.37 | 36.11825 | 420780.72 | 3764359.50 | 32.93155 |
| 420800.72 | 3764359.50 | 32.97018 | 420823.92 | 3764366.20 | 32.30994 |
| 420920.72 | 3764359.50 | 31.60082 | 420980.72 | 3764359.50 | 29.47993 |
| 421010.96 | 3764363.22 | 29.31590 | 421030.96 | 3764363.22 | 29.14211 |
| 421050.96 | 3764363.22 | 28.68582 | 421070.96 | 3764363.22 | 28.26130 |
| 421090.96 | 3764363.22 | 27.80396 | 421110.96 | 3764363.22 | 27.37608 |
| 421130.96 | 3764363.22 | 26.87198 | 421150.96 | 3764363.22 | 26.41013 |
| 421170.96 | 3764363.22 | 26.45200 | 421190.96 | 3764368.75 | 25.60837 |
| 421210.17 | 3764368.36 | 25.52703 | 421230.17 | 3764368.36 | 25.43970 |
| 421250.17 | 3764368.36 | 25.22663 | 421270.17 | 3764368.36 | 24.96160 |
| 421290.17 | 3764368.36 | 24.72400 | 421310.17 | 3764368.36 | 24.51049 |
| 420843.63 | 3764371.64 | 31.36534 | 420860.72 | 3764379.50 | 30.11428 |
| 420880.72 | 3764379.50 | 29.11046 | 420898.39 | 3764385.33 | 27.68236 |
| 420980.72 | 3764379.50 | 26.11098 | 420760.72 | 3764399.50 | 28.67684 |
| 420780.72 | 3764399.50 | 28.88017 | 420920.72 | 3764399.50 | 25.81826 |
| 420940.72 | 3764399.50 | 25.97864 | 420980.72 | 3764399.50 | 23.33814 |
| 420746.30 | 3764412.53 | 27.13967 | 420780.72 | 3764419.50 | 26.50540 |
| 420820.72 | 3764419.50 | 27.60544 | 420840.72 | 3764419.50 | 27.28932 |
| 420940.72 | 3764419.50 | 23.42295 | 420980.72 | 3764419.50 | 21.13767 |
| 421013.06 | 3764405.83 | 21.35241 | 421033.06 | 3764405.83 | 20.79301 |
| 421053.06 | 3764405.83 | 20.53899 | 421073.06 | 3764405.83 | 20.30594 |
| 421093.06 | 3764405.83 | 20.05283 | 421113.06 | 3764405.83 | 19.79437 |
| 421133.06 | 3764405.83 | 19.49610 | 421160.72 | 3764419.50 | 17.96346 |
| 421180.72 | 3764419.50 | 18.03652 | 421220.72 | 3764419.50 | 20.88437 |
| 421233.28 | 3764408.34 | 22.00703 | 421253.28 | 3764408.34 | 21.91020 |
| 421273.28 | 3764408.34 | 21.99912 | 421293.28 | 3764408.34 | 21.90626 |
| 420746.30 | 3764432.53 | 25.09087 | 420780.72 | 3764439.50 | 24.78895 |
| 420820.72 | 3764439.50 | 25.69647 | 420860.72 | 3764439.50 | 24.53045 |
| 420880.72 | 3764439.50 | 23.97834 | 420940.72 | 3764439.50 | 21.77983 |
| 420980.72 | 3764439.50 | 19.43482 | 420994.21 | 3764452.98 | 18.25859 |
| 421014.21 | 3764452.98 | 17.94458 | 421034.21 | 3764452.98 | 17.63719 |
| 421054.21 | 3764452.98 | 17.39507 | 421074.21 | 3764452.98 | 17.22033 |
| 421094.21 | 3764452.98 | 17.07499 | 421114.21 | 3764452.98 | 16.86104 |

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|---|---|---|---|---|---|
| 421134.21 | 3764452.98 | 16.54621 | 421180.72 | 3764439.50 | 16.66824 |
| 421220.72 | 3764439.50 | 19.45337 | 420737.00 | 3764452.99 | 23.30389 |
| 420780.72 | 3764459.50 | 23.37956 | 420820.72 | 3764459.50 | 23.57481 |
| 420920.72 | 3764459.50 | 19.82453 | 421134.21 | 3764472.98 | 15.05193 |
| 421180.72 | 3764459.50 | 15.41306 | 421200.72 | 3764459.50 | 15.32360 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 18.96915 | 421252.35 | 3764459.04 | 19.09485 |
| 421293.28 | 3764448.34 | 19.92637 | 420737.00 | 3764472.99 | 21.92626 |
| 420820.72 | 3764479.50 | 21.60652 | 420871.79 | 3764475.04 | 18.15790 |
| 420920.72 | 3764479.50 | 17.71873 | 421180.72 | 3764479.50 | 14.28437 |
| 421200.72 | 3764479.50 | 13.99653 | 421260.72 | 3764479.50 | 17.77720 |
| 421280.72 | 3764479.50 | 18.43912 | 420737.00 | 3764492.99 | 20.56731 |
| 420767.69 | 3764492.53 | 20.55771 | 420820.72 | 3764499.50 | 19.85132 |
| 420871.79 | 3764495.04 | 16.42278 | 420920.72 | 3764499.50 | 16.33282 |
| 421114.21 | 3764512.98 | 11.38318 | 421134.21 | 3764512.98 | 11.80376 |
| 421200.72 | 3764499.50 | 13.04593 | 421280.72 | 3764499.50 | 17.61315 |
| 420730.48 | 3764507.70 | 19.75746 | 420767.69 | 3764512.53 | 19.02135 |
| 420820.72 | 3764519.50 | 18.11668 | 420871.79 | 3764515.04 | 15.03692 |
| 420920.72 | 3764519.50 | 14.62276 | 421000.26 | 3764522.29 | 9.82211 |
| 421020.26 | 3764522.29 | 9.73085 | 421040.26 | 3764522.29 | 9.93452 |
| 421060.26 | 3764522.29 | 10.19324 | 421080.26 | 3764522.29 | 10.50139 |
| 421200.72 | 3764519.50 | 12.31883 | 421280.72 | 3764519.50 | 16.82859 |
| 420730.48 | 3764527.70 | 18.71163 | 420767.69 | 3764532.53 | 17.65632 |
| 420820.72 | 3764539.50 | 16.54926 | 420860.72 | 3764539.50 | 13.86451 |
| 420920.72 | 3764539.50 | 13.15174 | 420980.72 | 3764539.50 | 9.08886 |
| 421160.72 | 3764539.50 | 11.42541 | 421180.72 | 3764539.50 | 11.67152 |
| 421280.72 | 3764539.50 | 16.09762 | 420860.72 | 3764559.50 | 12.73363 |
| 420909.07 | 3764562.58 | 12.35460 | 420980.72 | 3764559.50 | 8.67412 |
| 421040.72 | 3764559.50 | 8.89383 | 421080.72 | 3764559.50 | 9.66974 |
| 421100.72 | 3764559.50 | 9.89398 | 421120.72 | 3764559.50 | 10.16550 |
| 421140.72 | 3764559.50 | 10.43240 | 421160.72 | 3764559.50 | 10.71430 |
| 420960.72 | 3764579.50 | 8.63149 | 421020.72 | 3764579.50 | 8.43322 |
| 420680.84 | 3764330.64 | 31.94265 | 420720.84 | 3764330.64 | 34.11428 |
| 420660.84 | 3764350.64 | 29.34948 | 420692.00 | 3764425.97 | 24.90402 |
| 420720.84 | 3764350.64 | 32.88486 | 420660.84 | 3764370.64 | 27.35509 |
| 420700.84 | 3764370.64 | 29.13508 | 420700.84 | 3764390.64 | 27.49274 |
| 420700.84 | 3764410.64 | 26.30652 | 420680.84 | 3764450.64 | 22.39535 |
| 420680.84 | 3764470.64 | 20.97955 | 420680.84 | 3764490.64 | 19.72152 |
| 420101.08 | 3763674.83 | 22.93892 | 420083.47 | 3763665.61 | 22.04432 |
| 420070.89 | 3763688.25 | 21.53773 | 420083.05 | 3763697.47 | 22.07681 |
| 420043.64 | 3763644.22 | 20.10594 | 420057.47 | 3763625.35 | 20.58089 |

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|---|---|---|---|---|---|
| 420067.12 | 3763611.93 | 20.88793 | 420079.70 | 3763600.61 | 21.34528 |
| 420101.50 | 3763588.45 | 22.25788 | 420107.79 | 3763573.35 | 22.37786 |
| 420119.53 | 3763558.68 | 22.76480 | 420130.02 | 3763541.07 | 23.02392 |
| 420141.76 | 3763528.91 | 23.40771 | 420177.06 | 3763505.07 | 24.67858 |
| 420182.52 | 3763490.53 | 24.65612 | 420189.79 | 3763470.23 | 24.55524 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 24.98879 | 420211.91 | 3763443.87 | 25.00993 |
| 420221.30 | 3763427.51 | 25.02751 | 420233.11 | 3763414.79 | 25.24536 |
| 420187.06 | 3763375.10 | 24.27036 | 420174.04 | 3763398.73 | 24.26837 |
| 420159.80 | 3763419.94 | 23.73849 | 420144.65 | 3763435.69 | 23.06945 |
| 420157.37 | 3763449.33 | 23.91495 | 420203.21 | 3763366.33 | 23.29651 |
| 420212.30 | 3763349.37 | 22.58696 | 420110.79 | 3763789.57 | 21.54231 |
| 420095.76 | 3763777.27 | 20.96420 | 420082.79 | 3763760.88 | 20.81035 |
| 420069.13 | 3763754.06 | 20.11451 | 420054.11 | 3763743.13 | 19.42923 |
| 420101.91 | 3763822.34 | 20.98920 | 420083.47 | 3763829.85 | 19.94344 |
| 420062.30 | 3763818.25 | 19.20354 | 420054.11 | 3763806.64 | 18.98232 |
| 420037.04 | 3763795.71 | 18.43259 | 420087.94 | 3763866.45 | 19.96426 |
| 420066.97 | 3763858.48 | 19.12251 | 420049.36 | 3763847.57 | 18.57742 |
| 420032.58 | 3763850.93 | 18.00525 | 420490.31 | 3764285.91 | 27.09556 |
| 420510.31 | 3764285.91 | 28.19960 | 420530.31 | 3764285.91 | 29.40452 |
| 420550.31 | 3764285.91 | 30.65376 | 420570.31 | 3764285.91 | 31.80735 |
| 420590.31 | 3764285.91 | 32.83397 | 420610.31 | 3764285.91 | 33.75460 |
| 420390.31 | 3764305.91 | 21.62040 | 420410.31 | 3764305.91 | 22.38664 |
| 420430.31 | 3764305.91 | 23.31968 | 420450.31 | 3764305.91 | 24.06709 |
| 420470.31 | 3764305.91 | 24.84929 | 420490.31 | 3764305.91 | 25.68614 |
| 420510.31 | 3764305.91 | 26.58113 | 420530.31 | 3764305.91 | 27.54898 |
| 420550.31 | 3764305.91 | 28.78577 | 420570.31 | 3764305.91 | 29.90926 |
| 420590.31 | 3764305.91 | 30.76642 | 420610.31 | 3764305.91 | 31.34272 |
| 420390.31 | 3764325.91 | 20.60991 | 420410.31 | 3764325.91 | 21.28569 |
| 420430.31 | 3764325.91 | 22.21992 | 420450.31 | 3764325.91 | 22.83166 |
| 420470.31 | 3764325.91 | 23.62117 | 420490.31 | 3764325.91 | 24.39543 |
| 420510.31 | 3764325.91 | 25.12772 | 420530.31 | 3764325.91 | 25.89676 |
| 420550.31 | 3764325.91 | 27.05423 | 420570.31 | 3764325.91 | 28.15058 |
| 420590.31 | 3764325.91 | 28.90836 | 420410.31 | 3764345.91 | 20.53091 |
| 420430.31 | 3764345.91 | 21.08772 | 420450.31 | 3764345.91 | 21.52544 |
| 420470.31 | 3764345.91 | 22.10656 | 420490.31 | 3764345.91 | 22.96867 |
| 420510.31 | 3764345.91 | 23.99079 | 420530.31 | 3764345.91 | 24.69922 |
| 420550.31 | 3764345.91 | 25.57216 | 420570.31 | 3764345.91 | 26.49541 |
| 420430.31 | 3764365.91 | 20.16396 | 420450.31 | 3764365.91 | 20.57117 |
| 420470.31 | 3764365.91 | 21.02690 | 420490.31 | 3764365.91 | 21.72011 |
| 420510.31 | 3764365.91 | 22.65192 | 420530.31 | 3764365.91 | 23.61410 |

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|---|---|---|---|---|---|
| 420550.31 | 3764365.91 | 24.33064 | 420570.31 | 3764365.91 | 24.90368 |
| 420450.31 | 3764385.91 | 19.83188 | 420470.31 | 3764385.91 | 20.19195 |
| 420490.31 | 3764385.91 | 20.62500 | 420510.31 | 3764385.91 | 21.29802 |
| 420530.31 | 3764385.91 | 22.56179 | 420550.31 | 3764385.91 | 23.19938 |
| 420470.31 | 3764405.91 | 19.38282 | 420490.31 | 3764405.91 | 19.81706 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 20.36266 | 420530.31 | 3764405.91 | 21.17353 |
| 420490.31 | 3764425.91 | 18.92480 | 420510.31 | 3764425.91 | 19.28391 |
| 420504.61 | 3764167.94 | 39.61952 | 420511.08 | 3764158.02 | 41.46603 |
| 420524.44 | 3764147.67 | 44.25291 | 420535.23 | 3764136.03 | 46.79151 |
| 420493.83 | 3764108.43 | 44.51577 | 420483.05 | 3764124.38 | 41.48399 |
| 420469.25 | 3764140.34 | 38.42829 | 420454.16 | 3764160.60 | 35.29432 |
| 420443.38 | 3764173.11 | 33.48946 | 420427.85 | 3764193.38 | 30.50053 |
| 420417.51 | 3764210.62 | 28.59483 | 420405.86 | 3764224.42 | 26.81865 |
| 420389.91 | 3764241.24 | 25.05573 | 420379.13 | 3764258.92 | 23.51484 |
| 420362.74 | 3764275.31 | 22.03629 | 420351.10 | 3764286.95 | 20.97223 |
| 420518.84 | 3764071.76 | 52.59103 | 420534.99 | 3764080.89 | 54.09579 |
| 420548.34 | 3764092.83 | 54.79166 | 420571.51 | 3764110.38 | 54.73469 |
| 420591.17 | 3764123.02 | 56.78364 | 420605.91 | 3764135.66 | 56.14808 |
| 420622.06 | 3764145.49 | 56.55157 | 420640.32 | 3764160.23 | 57.05358 |
| 420614.34 | 3764193.23 | 48.33161 | 420580.63 | 3764167.96 | 47.23753 |
| 420565.89 | 3764182.00 | 44.27010 | 420553.95 | 3764191.13 | 42.00371 |
| 420597.49 | 3764203.77 | 44.15473 | 420591.87 | 3764223.43 | 41.28883 |
| 420539.91 | 3764200.26 | 39.36631 | 420606.61 | 3764240.98 | 40.19826 |
| 420629.08 | 3764250.81 | 40.84342 | 420648.74 | 3764238.87 | 43.33830 |
| 420651.55 | 3764222.73 | 46.49312 | 420660.68 | 3764207.98 | 49.32245 |
| 420667.00 | 3764195.34 | 52.43954 | 420681.74 | 3764181.30 | 57.84229 |
| 420712.64 | 3764215.70 | 50.63818 | 420695.09 | 3764229.75 | 46.70479 |
| 420732.30 | 3764227.64 | 49.71993 | 420747.05 | 3764238.17 | 49.25820 |
| 420767.41 | 3764245.19 | 49.98633 | 420681.04 | 3764247.30 | 42.83577 |
| 420668.40 | 3764264.85 | 39.36543 | 420655.06 | 3764283.11 | 36.14317 |
| 420641.02 | 3764297.86 | 33.65997 | 420638.21 | 3764314.71 | 31.94931 |
| 420629.08 | 3764330.86 | 30.04632 | 420619.25 | 3764349.11 | 28.07638 |
| 420605.91 | 3764381.41 | 24.77560 | 420599.59 | 3764395.46 | 23.69707 |
| 420572.91 | 3764397.56 | 22.72737 | 420563.78 | 3764415.82 | 21.33823 |
| 420537.80 | 3764434.78 | 19.04880 | 420556.76 | 3764436.18 | 19.18174 |
| 420575.72 | 3764441.10 | 19.01303 | 420589.76 | 3764450.93 | 18.82846 |
| 420638.21 | 3764481.82 | 18.55863 | 420641.02 | 3764463.56 | 19.79070 |
| 420648.74 | 3764446.01 | 21.08632 | 420652.96 | 3764423.54 | 22.94212 |
| 420652.96 | 3764410.90 | 24.03309 | 420650.85 | 3764387.03 | 25.93876 |
| 420295.36 | 3764152.91 | 24.02344 | 420331.87 | 3764188.02 | 24.67282 |

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|---|---|---|---|---|---|
| 420353.64 | 3764208.38 | 24.57758 | 420339.59 | 3764226.64 | 23.08573 |
| 420327.66 | 3764237.87 | 22.00336 | 420317.83 | 3764252.62 | 21.05323 |
| 420300.27 | 3764231.55 | 21.01081 | 420285.53 | 3764216.81 | 20.95226 |
| 420271.48 | 3764206.28 | 20.61473 | 420260.25 | 3764195.04 | 20.49561 |
| 420283.42 | 3764171.17 | 22.82680 | 420268.56 | 3763810.41 | 34.74653 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 36.09905 | 420470.31 | 3764185.91 | 34.32191 |
| 420490.31 | 3764185.91 | 36.07660 | 420450.31 | 3764205.91 | 31.16211 |
| 420470.31 | 3764205.91 | 32.59725 | 420490.31 | 3764205.91 | 34.08823 |
| 420510.31 | 3764205.91 | 35.77859 | 420530.31 | 3764205.91 | 37.87190 |
| 420430.31 | 3764225.91 | 28.33009 | 420450.31 | 3764225.91 | 29.55766 |
| 420470.31 | 3764225.91 | 30.88992 | 420490.31 | 3764225.91 | 32.27332 |
| 420510.31 | 3764225.91 | 33.73962 | 420530.31 | 3764225.91 | 35.40101 |
| 420550.31 | 3764225.91 | 36.82093 | 420410.31 | 3764245.91 | 25.76895 |
| 420430.31 | 3764245.91 | 26.98375 | 420450.31 | 3764245.91 | 28.09932 |
| 420470.31 | 3764245.91 | 29.29520 | 420490.31 | 3764245.91 | 30.49203 |
| 420510.31 | 3764245.91 | 31.77104 | 420530.31 | 3764245.91 | 33.29923 |
| 420550.31 | 3764245.91 | 34.61313 | 420570.31 | 3764245.91 | 36.20869 |
| 420410.31 | 3764265.91 | 24.70102 | 420430.31 | 3764265.91 | 25.68132 |
| 420450.31 | 3764265.91 | 26.71157 | 420470.31 | 3764265.91 | 27.74003 |
| 420490.31 | 3764265.91 | 28.78221 | 420510.31 | 3764265.91 | 29.92444 |
| 420530.31 | 3764265.91 | 31.35008 | 420550.31 | 3764265.91 | 32.59891 |
| 420570.31 | 3764265.91 | 33.83382 | 420590.31 | 3764265.91 | 35.22715 |
| 420610.31 | 3764265.91 | 36.84399 | 420390.31 | 3764285.91 | 22.67383 |
| 420410.31 | 3764285.91 | 23.55655 | 420430.31 | 3764285.91 | 24.46736 |
| 420450.31 | 3764285.91 | 25.35752 | 420470.31 | 3764285.91 | 26.15780 |
| 420162.22 | 3763820.99 | 23.60953 | 420180.57 | 3763830.04 | 24.40279 |
| 420200.57 | 3763830.04 | 25.59004 | 420200.57 | 3763850.04 | 25.28319 |
| 420220.57 | 3763850.04 | 26.52656 | 420240.57 | 3763850.04 | 27.98826 |
| 420160.57 | 3763870.04 | 22.61395 | 420180.57 | 3763870.04 | 23.71395 |
| 420220.57 | 3763870.04 | 26.10200 | 420240.57 | 3763870.04 | 27.39797 |
| 420260.57 | 3763870.04 | 28.93926 | 420160.57 | 3763890.04 | 22.21830 |
| 420200.57 | 3763890.04 | 24.44184 | 420260.57 | 3763890.04 | 28.39369 |
| 420280.57 | 3763890.04 | 29.79384 | 420140.57 | 3763910.04 | 20.98517 |
| 420200.57 | 3763910.04 | 23.85407 | 420220.57 | 3763910.04 | 25.18323 |
| 420280.57 | 3763910.04 | 29.27284 | 420300.57 | 3763910.04 | 30.78413 |
| 420160.57 | 3763930.04 | 21.37298 | 420180.57 | 3763930.04 | 22.24752 |
| 420220.57 | 3763930.04 | 24.53995 | 420240.57 | 3763930.04 | 25.77345 |
| 420260.57 | 3763930.04 | 27.25202 | 420320.57 | 3763930.04 | 31.65773 |
| 420340.57 | 3763930.04 | 33.41310 | 420120.57 | 3763950.04 | 19.24541 |
| 420140.57 | 3763950.04 | 20.03080 | 420200.57 | 3763950.04 | 22.84999 |

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|---|---|---|---|---|---|
| 420220.57 | 3763950.04 | 23.87523 | 420260.57 | 3763950.04 | 26.44594 |
| 420280.57 | 3763950.04 | 27.91101 | 420340.57 | 3763950.04 | 32.61780 |
| 420360.57 | 3763950.04 | 34.50458 | 420120.57 | 3763970.04 | 18.83309 |
| 420140.57 | 3763970.04 | 19.57741 | 420160.57 | 3763970.04 | 20.53136 |
| 420240.57 | 3763970.04 | 24.42058 | 420300.57 | 3763970.04 | 28.59825 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 31.71567 | 420360.57 | 3763970.04 | 33.54195 |
| 420100.57 | 3763990.04 | 17.83336 | 420120.57 | 3763990.04 | 18.46934 |
| 420160.57 | 3763990.04 | 20.00674 | 420180.57 | 3763990.04 | 21.00038 |
| 420240.57 | 3763990.04 | 23.88189 | 420260.57 | 3763990.04 | 24.90850 |
| 420280.57 | 3763990.04 | 26.22018 | 420340.57 | 3763990.04 | 30.79434 |
| 420120.57 | 3764010.04 | 18.10516 | 420140.57 | 3764010.04 | 18.78275 |
| 420160.57 | 3764010.04 | 19.68175 | 420200.57 | 3764010.04 | 21.41732 |
| 420220.57 | 3764010.04 | 22.32708 | 420280.57 | 3764010.04 | 25.58569 |
| 420320.57 | 3764010.04 | 28.28469 | 420400.57 | 3764010.04 | 34.73575 |
| 420420.57 | 3764010.04 | 36.73502 | 420440.57 | 3764010.04 | 38.89593 |
| 420180.57 | 3764030.04 | 20.00868 | 420200.57 | 3764030.04 | 20.77312 |
| 420240.57 | 3764030.04 | 22.76473 | 420300.57 | 3764030.04 | 26.22514 |
| 420320.57 | 3764030.04 | 27.42084 | 420400.57 | 3764030.04 | 33.42715 |
| 420440.57 | 3764030.04 | 37.38295 | 420460.57 | 3764030.04 | 39.73147 |
| 420180.57 | 3764050.04 | 19.38523 | 420200.57 | 3764050.04 | 20.14307 |
| 420240.57 | 3764050.04 | 22.01753 | 420280.57 | 3764050.04 | 24.21561 |
| 420380.57 | 3764050.04 | 30.47359 | 420480.57 | 3764050.04 | 40.21937 |
| 420200.57 | 3764070.04 | 19.64668 | 420220.57 | 3764070.04 | 20.56579 |
| 420260.57 | 3764070.04 | 22.44572 | 420280.57 | 3764070.04 | 23.33917 |
| 420360.57 | 3764070.04 | 28.05759 | 420420.57 | 3764070.04 | 32.57648 |
| 420440.57 | 3764070.04 | 34.30128 | 420260.57 | 3764090.04 | 21.67706 |
| 420340.57 | 3764090.04 | 25.77242 | 420400.57 | 3764090.04 | 29.78679 |
| 420420.57 | 3764090.04 | 31.16400 | 420440.57 | 3764090.04 | 32.80517 |
| 420460.57 | 3764090.04 | 34.78625 | 420260.57 | 3764110.04 | 20.85611 |
| 420340.57 | 3764110.04 | 24.82199 | 420400.57 | 3764110.04 | 28.45830 |
| 420420.57 | 3764110.04 | 29.88589 | 420440.57 | 3764110.04 | 31.48836 |
| 420320.57 | 3764130.04 | 22.78869 | 420380.57 | 3764130.04 | 26.10906 |
| 420400.57 | 3764130.04 | 27.28863 | 420420.57 | 3764130.04 | 28.70774 |
| 420360.57 | 3764150.04 | 24.03996 | 420400.57 | 3764150.04 | 26.17858 |
| 420340.57 | 3764170.04 | 22.14191 | 420380.57 | 3764170.04 | 24.00598 |
| 420400.57 | 3764170.04 | 25.13385 | 420380.57 | 3764190.04 | 23.04548 |
| 420714.65 | 3764272.44 | 32.91443 | 420734.65 | 3764284.40 | 32.15150 |
| 420754.65 | 3764284.40 | 32.80511 | 420280.59 | 3763433.11 | 31.17442 |
| 420260.59 | 3763453.11 | 30.15626 | 420260.59 | 3763473.11 | 30.56882 |
| 420233.62 | 3763487.75 | 28.84813 | 420253.62 | 3763507.75 | 30.60754 |

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|---|---|---|---|---|---|
| 420200.59 | 3763533.11 | 27.09955 | 420223.55 | 3763541.34 | 28.74411 |
| 420240.59 | 3763533.11 | 29.91972 | 420179.16 | 3763563.83 | 25.92255 |
| 420200.59 | 3763573.11 | 27.32436 | 420234.64 | 3763578.58 | 29.86912 |
| 420200.59 | 3763593.11 | 27.41910 | 420160.59 | 3763613.11 | 24.96657 |
| 420138.25 | 3763640.23 | 23.67086 | 420200.59 | 3763613.11 | 27.51440 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 26.17368 | 420172.25 | 3763655.96 | 25.61664 |
| 420160.59 | 3763673.11 | 24.88927 | 420160.59 | 3763693.11 | 24.84345 |
| 420092.84 | 3763719.31 | 21.10188 | 420140.59 | 3763713.11 | 23.59135 |
| 420120.59 | 3763733.11 | 22.42730 | 420804.93 | 3764263.30 | 36.27121 |
| 420820.93 | 3764270.66 | 35.54888 | 420839.88 | 3764276.55 | 34.98242 |
| 420860.72 | 3764279.50 | 34.52349 | 420880.72 | 3764279.50 | 34.44356 |
| 420892.72 | 3764288.76 | 32.78363 | 420900.72 | 3764299.50 | 31.86304 |
| 420920.72 | 3764299.50 | 31.94866 | 420980.72 | 3764299.50 | 31.79489 |
| 420740.72 | 3764319.50 | 28.85032 | 420780.72 | 3764319.50 | 29.58115 |
| 420800.72 | 3764319.50 | 29.62646 | 420820.72 | 3764319.50 | 29.77948 |
| 420840.72 | 3764319.50 | 29.87999 | 420940.72 | 3764319.50 | 29.47032 |
| 420980.72 | 3764319.50 | 29.16160 | 421003.29 | 3764310.49 | 29.78840 |
| 421023.29 | 3764310.49 | 28.79578 | 421043.29 | 3764310.49 | 28.52307 |
| 421063.29 | 3764310.49 | 28.19606 | 421083.29 | 3764310.49 | 27.89717 |
| 421103.29 | 3764310.49 | 27.66855 | 421123.29 | 3764310.49 | 27.50550 |
| 421143.29 | 3764310.49 | 27.32797 | 421163.29 | 3764310.49 | 27.16308 |
| 421183.29 | 3764310.49 | 27.01003 | 421203.29 | 3764310.49 | 26.90963 |
| 421223.29 | 3764310.49 | 26.92236 | 421243.29 | 3764310.49 | 26.82342 |
| 421263.29 | 3764310.49 | 26.72163 | 421283.29 | 3764310.49 | 26.63013 |
| 421303.29 | 3764310.49 | 26.56423 | 420760.72 | 3764339.50 | 27.53388 |
| 420860.72 | 3764339.50 | 28.11226 | 420880.72 | 3764339.50 | 28.07553 |
| 420920.72 | 3764339.50 | 27.84982 | 420980.72 | 3764339.50 | 26.75419 |
| 420700.42 | 3764305.37 | 28.50239 | 420780.72 | 3764359.50 | 25.85333 |
| 420800.72 | 3764359.50 | 25.94418 | 420823.92 | 3764366.20 | 25.50934 |
| 420920.72 | 3764359.50 | 25.44454 | 420980.72 | 3764359.50 | 24.29345 |
| 421010.96 | 3764363.22 | 24.17515 | 421030.96 | 3764363.22 | 24.10504 |
| 421050.96 | 3764363.22 | 23.86791 | 421070.96 | 3764363.22 | 23.65153 |
| 421090.96 | 3764363.22 | 23.41648 | 421110.96 | 3764363.22 | 23.20172 |
| 421130.96 | 3764363.22 | 22.93838 | 421150.96 | 3764363.22 | 22.70228 |
| 421170.96 | 3764363.22 | 22.81442 | 421190.96 | 3764368.75 | 22.23878 |
| 421210.17 | 3764368.36 | 22.28054 | 421230.17 | 3764368.36 | 22.32680 |
| 421250.17 | 3764368.36 | 22.29106 | 421270.17 | 3764368.36 | 22.22231 |
| 421290.17 | 3764368.36 | 22.18020 | 421310.17 | 3764368.36 | 22.16519 |
| 420843.63 | 3764371.64 | 24.93484 | 420860.72 | 3764379.50 | 24.12390 |
| 420880.72 | 3764379.50 | 23.59664 | 420898.39 | 3764385.33 | 22.68385 |

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|---|---|---|---|---|---|
| 420980.72 | 3764379.50 | 21.86163 | 420760.72 | 3764399.50 | 22.73443 |
| 420780.72 | 3764399.50 | 22.89743 | 420920.72 | 3764399.50 | 21.36547 |
| 420940.72 | 3764399.50 | 21.48618 | 420980.72 | 3764399.50 | 19.73741 |
| 420746.30 | 3764412.53 | 21.64588 | 420780.72 | 3764419.50 | 21.27512 |
| 420820.72 | 3764419.50 | 21.93749 | 420840.72 | 3764419.50 | 21.80585 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 19.60944 | 420980.72 | 3764419.50 | 18.01722 |
| 421013.06 | 3764405.83 | 18.29050 | 421033.06 | 3764405.83 | 17.89790 |
| 421053.06 | 3764405.83 | 17.73667 | 421073.06 | 3764405.83 | 17.59121 |
| 421093.06 | 3764405.83 | 17.42803 | 421113.06 | 3764405.83 | 17.25819 |
| 421133.06 | 3764405.83 | 17.05276 | 421160.72 | 3764419.50 | 15.79546 |
| 421180.72 | 3764419.50 | 15.89913 | 421220.72 | 3764419.50 | 18.34923 |
| 421233.28 | 3764408.34 | 19.34837 | 421253.28 | 3764408.34 | 19.35504 |
| 421273.28 | 3764408.34 | 19.50872 | 421293.28 | 3764408.34 | 19.53348 |
| 420746.30 | 3764432.53 | 20.22085 | 420780.72 | 3764439.50 | 20.02506 |
| 420820.72 | 3764439.50 | 20.58130 | 420860.72 | 3764439.50 | 19.99535 |
| 420880.72 | 3764439.50 | 19.69377 | 420940.72 | 3764439.50 | 18.32133 |
| 420980.72 | 3764439.50 | 16.65933 | 420994.21 | 3764452.98 | 15.72904 |
| 421014.21 | 3764452.98 | 15.50280 | 421034.21 | 3764452.98 | 15.28018 |
| 421054.21 | 3764452.98 | 15.11051 | 421074.21 | 3764452.98 | 14.99640 |
| 421094.21 | 3764452.98 | 14.90689 | 421114.21 | 3764452.98 | 14.75985 |
| 421134.21 | 3764452.98 | 14.52364 | 421180.72 | 3764439.50 | 14.68322 |
| 421220.72 | 3764439.50 | 17.11143 | 420737.00 | 3764452.99 | 18.92524 |
| 420780.72 | 3764459.50 | 18.96200 | 420820.72 | 3764459.50 | 19.12902 |
| 420920.72 | 3764459.50 | 16.80076 | 421134.21 | 3764472.98 | 13.16935 |
| 421180.72 | 3764459.50 | 13.54679 | 421200.72 | 3764459.50 | 13.49499 |
| 421233.28 | 3764448.34 | 16.71896 | 421252.35 | 3764459.04 | 16.81248 |
| 421293.28 | 3764448.34 | 17.64178 | 420737.00 | 3764472.99 | 17.89992 |
| 420820.72 | 3764479.50 | 17.75969 | 420871.79 | 3764475.04 | 15.49648 |
| 420920.72 | 3764479.50 | 15.17756 | 421180.72 | 3764479.50 | 12.52306 |
| 421200.72 | 3764479.50 | 12.26797 | 421260.72 | 3764479.50 | 15.69638 |
| 421280.72 | 3764479.50 | 16.24317 | 420737.00 | 3764492.99 | 16.89907 |
| 420767.69 | 3764492.53 | 16.94403 | 420820.72 | 3764499.50 | 16.50594 |
| 420871.79 | 3764495.04 | 14.12597 | 420920.72 | 3764499.50 | 14.06544 |
| 421114.21 | 3764512.98 | 9.87266 | 421134.21 | 3764512.98 | 10.24536 |
| 421200.72 | 3764499.50 | 11.40330 | 421280.72 | 3764499.50 | 15.48949 |
| 420730.48 | 3764507.70 | 16.26894 | 420767.69 | 3764512.53 | 15.83551 |
| 420820.72 | 3764519.50 | 15.23599 | 420871.79 | 3764515.04 | 12.99706 |
| 420920.72 | 3764519.50 | 12.67054 | 421000.26 | 3764522.29 | 8.49658 |
| 421020.26 | 3764522.29 | 8.43014 | 421040.26 | 3764522.29 | 8.61083 |
| 421060.26 | 3764522.29 | 8.83970 | 421080.26 | 3764522.29 | 9.11120 |

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|---|---|---|---|---|---|
| 421200.72 | 3764519.50 | 10.76866 | 421280.72 | 3764519.50 | 14.78163 |
| 420730.48 | 3764527.70 | 15.46993 | 420767.69 | 3764532.53 | 14.82354 |
| 420820.72 | 3764539.50 | 14.05163 | 420860.72 | 3764539.50 | 12.02438 |
| 420920.72 | 3764539.50 | 11.36105 | 420980.72 | 3764539.50 | 7.87954 |
| 421160.72 | 3764539.50 | 9.95078 | 421180.72 | 3764539.50 | 10.18568 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 14.12587 | 420860.72 | 3764559.50 | 11.02220 |
| 420909.07 | 3764562.58 | 10.67388 | 420980.72 | 3764559.50 | 7.53196 |
| 421040.72 | 3764559.50 | 7.73442 | 421080.72 | 3764559.50 | 8.40792 |
| 421100.72 | 3764559.50 | 8.60851 | 421120.72 | 3764559.50 | 8.84772 |
| 421140.72 | 3764559.50 | 9.08685 | 421160.72 | 3764559.50 | 9.34304 |
| 420960.72 | 3764579.50 | 7.48420 | 421020.72 | 3764579.50 | 7.33905 |
| 420680.84 | 3764330.64 | 25.55408 | 420720.84 | 3764330.64 | 26.92527 |
| 420660.84 | 3764350.64 | 23.63353 | 420692.00 | 3764425.97 | 20.06223 |
| 420720.84 | 3764350.64 | 25.78190 | 420660.84 | 3764370.64 | 22.17877 |
| 420700.84 | 3764370.64 | 23.32288 | 420700.84 | 3764390.64 | 22.07056 |
| 420700.84 | 3764410.64 | 21.08983 | 420680.84 | 3764450.64 | 18.31091 |
| 420680.84 | 3764470.64 | 17.26985 | 420680.84 | 3764490.64 | 16.33025 |
| 420101.08 | 3763674.83 | 21.74854 | 420083.47 | 3763665.61 | 20.95725 |
| 420070.89 | 3763688.25 | 20.32893 | 420083.05 | 3763697.47 | 20.80261 |
| 420043.64 | 3763644.22 | 19.27321 | 420057.47 | 3763625.35 | 19.85288 |
| 420067.12 | 3763611.93 | 20.25078 | 420079.70 | 3763600.61 | 20.78657 |
| 420101.50 | 3763588.45 | 21.79193 | 420107.79 | 3763573.35 | 22.05055 |
| 420119.53 | 3763558.68 | 22.58747 | 420130.02 | 3763541.07 | 23.03426 |
| 420141.76 | 3763528.91 | 23.58630 | 420177.06 | 3763505.07 | 25.40198 |
| 420182.52 | 3763490.53 | 25.59238 | 420189.79 | 3763470.23 | 25.80888 |
| 420205.24 | 3763456.30 | 26.55247 | 420211.91 | 3763443.87 | 26.78917 |
| 420221.30 | 3763427.51 | 27.07002 | 420233.11 | 3763414.79 | 27.52308 |
| 420187.06 | 3763375.10 | 24.62412 | 420174.04 | 3763398.73 | 23.98820 |
| 420159.80 | 3763419.94 | 23.08520 | 420144.65 | 3763435.69 | 22.35696 |
| 420157.37 | 3763449.33 | 23.39953 | 420203.21 | 3763366.33 | 25.36658 |
| 420212.30 | 3763349.37 | 25.43153 | 420110.79 | 3763789.57 | 20.13347 |
| 420095.76 | 3763777.27 | 19.65231 | 420082.79 | 3763760.88 | 19.56698 |
| 420069.13 | 3763754.06 | 18.95418 | 420054.11 | 3763743.13 | 18.35373 |
| 420101.91 | 3763822.34 | 19.51749 | 420083.47 | 3763829.85 | 18.55461 |
| 420062.30 | 3763818.25 | 17.92465 | 420054.11 | 3763806.64 | 17.75927 |
| 420037.04 | 3763795.71 | 17.29088 | 420087.94 | 3763866.45 | 18.44008 |
| 420066.97 | 3763858.48 | 17.72178 | 420049.36 | 3763847.57 | 17.26524 |
| 420032.58 | 3763850.93 | 16.73420 | 420490.31 | 3764285.91 | 22.37668 |
| 420510.31 | 3764285.91 | 23.15888 | 420530.31 | 3764285.91 | 23.99415 |
| 420550.31 | 3764285.91 | 24.85023 | 420570.31 | 3764285.91 | 25.64981 |

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|---|---|---|---|---|---|
| 420590.31 | 3764285.91 | 26.37830 | 420610.31 | 3764285.91 | 27.04538 |
| 420390.31 | 3764305.91 | 18.25787 | 420410.31 | 3764305.91 | 18.83134 |
| 420430.31 | 3764305.91 | 19.50437 | 420450.31 | 3764305.91 | 20.06726 |
| 420470.31 | 3764305.91 | 20.65107 | 420490.31 | 3764305.91 | 21.26706 |
| 420510.31 | 3764305.91 | 21.91657 | 420530.31 | 3764305.91 | 22.60704 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 23.44556 | 420570.31 | 3764305.91 | 24.21532 |
| 420590.31 | 3764305.91 | 24.83475 | 420610.31 | 3764305.91 | 25.29690 |
| 420390.31 | 3764325.91 | 17.44734 | 420410.31 | 3764325.91 | 17.95772 |
| 420430.31 | 3764325.91 | 18.62423 | 420450.31 | 3764325.91 | 19.09645 |
| 420470.31 | 3764325.91 | 19.67495 | 420490.31 | 3764325.91 | 20.24392 |
| 420510.31 | 3764325.91 | 20.78769 | 420530.31 | 3764325.91 | 21.35235 |
| 420550.31 | 3764325.91 | 22.13943 | 420570.31 | 3764325.91 | 22.88258 |
| 420590.31 | 3764325.91 | 23.43398 | 420410.31 | 3764345.91 | 17.30533 |
| 420430.31 | 3764345.91 | 17.73543 | 420450.31 | 3764345.91 | 18.09260 |
| 420470.31 | 3764345.91 | 18.53761 | 420490.31 | 3764345.91 | 19.15409 |
| 420510.31 | 3764345.91 | 19.86144 | 420530.31 | 3764345.91 | 20.38066 |
| 420550.31 | 3764345.91 | 20.99354 | 420570.31 | 3764345.91 | 21.63128 |
| 420430.31 | 3764365.91 | 16.98298 | 420450.31 | 3764365.91 | 17.31388 |
| 420470.31 | 3764365.91 | 17.67419 | 420490.31 | 3764365.91 | 18.18189 |
| 420510.31 | 3764365.91 | 18.83173 | 420530.31 | 3764365.91 | 19.49206 |
| 420550.31 | 3764365.91 | 20.00500 | 420570.31 | 3764365.91 | 20.43348 |
| 420450.31 | 3764385.91 | 16.67883 | 420470.31 | 3764385.91 | 16.97426 |
| 420490.31 | 3764385.91 | 17.31434 | 420510.31 | 3764385.91 | 17.80304 |
| 420530.31 | 3764385.91 | 18.63874 | 420550.31 | 3764385.91 | 19.09765 |
| 420470.31 | 3764405.91 | 16.30079 | 420490.31 | 3764405.91 | 16.63638 |
| 420510.31 | 3764405.91 | 17.04045 | 420530.31 | 3764405.91 | 17.60307 |
| 420490.31 | 3764425.91 | 15.91606 | 420510.31 | 3764425.91 | 16.19952 |
| 420504.61 | 3764167.94 | 31.93331 | 420511.08 | 3764158.02 | 33.30857 |
| 420524.44 | 3764147.67 | 35.34649 | 420535.23 | 3764136.03 | 37.30766 |
| 420493.83 | 3764108.43 | 36.12906 | 420483.05 | 3764124.38 | 33.77794 |
| 420469.25 | 3764140.34 | 31.42025 | 420454.16 | 3764160.60 | 28.96384 |
| 420443.38 | 3764173.11 | 27.53825 | 420427.85 | 3764193.38 | 25.27759 |
| 420417.51 | 3764210.62 | 23.78901 | 420405.86 | 3764224.42 | 22.44268 |
| 420389.91 | 3764241.24 | 21.04589 | 420379.13 | 3764258.92 | 19.83672 |
| 420362.74 | 3764275.31 | 18.66215 | 420351.10 | 3764286.95 | 17.83210 |
| 420518.84 | 3764071.76 | 42.42830 | 420534.99 | 3764080.89 | 43.32216 |
| 420548.34 | 3764092.83 | 43.54267 | 420571.51 | 3764110.38 | 43.39390 |
| 420591.17 | 3764123.02 | 44.31539 | 420605.91 | 3764135.66 | 43.77266 |
| 420622.06 | 3764145.49 | 43.86792 | 420640.32 | 3764160.23 | 43.69774 |
| 420614.34 | 3764193.23 | 37.38899 | 420580.63 | 3764167.96 | 37.30028 |

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|---|---|---|---|---|---|
| 420565.89 | 3764182.00 | 34.97505 | 420553.95 | 3764191.13 | 33.30300 |
| 420597.49 | 3764203.77 | 34.68717 | 420591.87 | 3764223.43 | 32.47733 |
| 420539.91 | 3764200.26 | 31.44797 | 420606.61 | 3764240.98 | 31.56425 |
| 420629.08 | 3764250.81 | 31.82893 | 420648.74 | 3764238.87 | 33.74134 |
| 420651.55 | 3764222.73 | 35.91348 | 420660.68 | 3764207.98 | 38.06865 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3_IDLE ***
INCLUDING SOURCE(S): STCK28 , STCK29 , STCK30 , STCK31 , STCK32 ,
STCK33 , STCK34 , STCK35 , STCK36 , STCK37 , STCK38 , STCK39 , STCK40 ,
STCK41 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 40.24927 | 420681.74 | 3764181.30 | 43.74072 |
| 420712.64 | 3764215.70 | 39.14686 | 420695.09 | 3764229.75 | 36.37247 |
| 420732.30 | 3764227.64 | 38.36985 | 420747.05 | 3764238.17 | 37.78312 |
| 420767.41 | 3764245.19 | 37.91887 | 420681.04 | 3764247.30 | 33.59536 |
| 420668.40 | 3764264.85 | 31.10252 | 420655.06 | 3764283.11 | 28.76782 |
| 420641.02 | 3764297.86 | 26.95930 | 420638.21 | 3764314.71 | 25.63712 |
| 420629.08 | 3764330.86 | 24.21385 | 420619.25 | 3764349.11 | 22.73767 |
| 420605.91 | 3764381.41 | 20.31171 | 420599.59 | 3764395.46 | 19.47710 |
| 420572.91 | 3764397.56 | 18.77917 | 420563.78 | 3764415.82 | 17.72103 |
| 420537.80 | 3764434.78 | 16.05123 | 420556.76 | 3764436.18 | 16.16766 |
| 420575.72 | 3764441.10 | 16.05311 | 420589.76 | 3764450.93 | 15.89266 |
| 420638.21 | 3764481.82 | 15.60238 | 420641.02 | 3764463.56 | 16.53686 |
| 420648.74 | 3764446.01 | 17.51451 | 420652.96 | 3764423.54 | 18.87805 |
| 420652.96 | 3764410.90 | 19.66926 | 420650.85 | 3764387.03 | 21.08188 |
| 420295.36 | 3764152.91 | 20.65608 | 420331.87 | 3764188.02 | 20.98297 |
| 420353.64 | 3764208.38 | 20.87179 | 420339.59 | 3764226.64 | 19.65397 |
| 420327.66 | 3764237.87 | 18.79419 | 420317.83 | 3764252.62 | 18.00669 |
| 420300.27 | 3764231.55 | 18.06134 | 420285.53 | 3764216.81 | 18.06020 |
| 420271.48 | 3764206.28 | 17.84584 | 420260.25 | 3764195.04 | 17.78986 |
| 420283.42 | 3764171.17 | 19.63148 | 420972.38 | 3763271.71 | 39.14564 |
| 420913.80 | 3763329.33 | 48.98369 | 420955.88 | 3763316.14 | 45.42784 |
| 421011.82 | 3763312.84 | 42.55382 | 420869.05 | 3763382.67 | 60.81177 |
| 420913.80 | 3763379.33 | 58.54551 | 420955.88 | 3763366.14 | 53.66945 |
| 421011.82 | 3763362.84 | 49.64457 | 420906.65 | 3763419.80 | 68.98381 |
| 420955.88 | 3763416.14 | 64.45051 | 421011.82 | 3763412.84 | 58.78809 |
| 421009.84 | 3763454.26 | 68.65371 | 420679.66 | 3764117.07 | 76.68935 |
| 420692.12 | 3764098.22 | 87.10624 | 420703.14 | 3764099.09 | 89.22874 |
| 420702.56 | 3764144.04 | 71.61038 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 1.58372 | 420180.57 | 3763830.04 | 1.64340 |
| 420200.57 | 3763830.04 | 1.72730 | 420200.57 | 3763850.04 | 1.69693 |
| 420220.57 | 3763850.04 | 1.78587 | 420240.57 | 3763850.04 | 1.88238 |
| 420160.57 | 3763870.04 | 1.51099 | 420180.57 | 3763870.04 | 1.58504 |
| 420220.57 | 3763870.04 | 1.75138 | 420240.57 | 3763870.04 | 1.84525 |
| 420260.57 | 3763870.04 | 1.94760 | 420160.57 | 3763890.04 | 1.48159 |
| 420200.57 | 3763890.04 | 1.63120 | 420260.57 | 3763890.04 | 1.90551 |
| 420280.57 | 3763890.04 | 2.01335 | 420140.57 | 3763910.04 | 1.38663 |
| 420200.57 | 3763910.04 | 1.59589 | 420220.57 | 3763910.04 | 1.67746 |
| 420280.57 | 3763910.04 | 1.96577 | 420300.57 | 3763910.04 | 2.07972 |
| 420160.57 | 3763930.04 | 1.41935 | 420180.57 | 3763930.04 | 1.48652 |
| 420220.57 | 3763930.04 | 1.63796 | 420240.57 | 3763930.04 | 1.72303 |
| 420260.57 | 3763930.04 | 1.81563 | 420320.57 | 3763930.04 | 2.14528 |
| 420340.57 | 3763930.04 | 2.27704 | 420120.57 | 3763950.04 | 1.27022 |
| 420140.57 | 3763950.04 | 1.32646 | 420200.57 | 3763950.04 | 1.52171 |
| 420220.57 | 3763950.04 | 1.59708 | 420260.57 | 3763950.04 | 1.76774 |
| 420280.57 | 3763950.04 | 1.86432 | 420340.57 | 3763950.04 | 2.20998 |
| 420360.57 | 3763950.04 | 2.34859 | 420120.57 | 3763970.04 | 1.24107 |
| 420140.57 | 3763970.04 | 1.29519 | 420160.57 | 3763970.04 | 1.35348 |
| 420240.57 | 3763970.04 | 1.63364 | 420300.57 | 3763970.04 | 1.91125 |
| 420340.57 | 3763970.04 | 2.14046 | 420360.57 | 3763970.04 | 2.27215 |
| 420100.57 | 3763990.04 | 1.16279 | 420120.57 | 3763990.04 | 1.21143 |
| 420160.57 | 3763990.04 | 1.31935 | 420180.57 | 3763990.04 | 1.37946 |
| 420240.57 | 3763990.04 | 1.58764 | 420260.57 | 3763990.04 | 1.66827 |
| 420280.57 | 3763990.04 | 1.75606 | 420340.57 | 3763990.04 | 2.06916 |
| 420120.57 | 3764010.04 | 1.18124 | 420140.57 | 3764010.04 | 1.23111 |
| 420160.57 | 3764010.04 | 1.28474 | 420200.57 | 3764010.04 | 1.40345 |
| 420220.57 | 3764010.04 | 1.46948 | 420280.57 | 3764010.04 | 1.70077 |
| 420320.57 | 3764010.04 | 1.88929 | 420400.57 | 3764010.04 | 2.38213 |
| 420420.57 | 3764010.04 | 2.53786 | 420440.57 | 3764010.04 | 2.71034 |
| 420180.57 | 3764030.04 | 1.30422 | 420200.57 | 3764030.04 | 1.36254 |
| 420240.57 | 3764030.04 | 1.49305 | 420300.57 | 3764030.04 | 1.72985 |
| 420320.57 | 3764030.04 | 1.82205 | 420400.57 | 3764030.04 | 2.28247 |
| 420440.57 | 3764030.04 | 2.58642 | 420460.57 | 3764030.04 | 2.76333 |
| 420180.57 | 3764050.04 | 1.23405 | 420200.57 | 3764050.04 | 1.28713 |
| 420240.57 | 3764050.04 | 1.44468 | 420280.57 | 3764050.04 | 1.58769 |
| 420380.57 | 3764050.04 | 2.06075 | 420480.57 | 3764050.04 | 2.80216 |

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|---|---|---|---|---|---|
| 420200.57 | 3764070.04 | 1.24522 | 420220.57 | 3764070.04 | 1.33617 |
| 420260.57 | 3764070.04 | 1.46112 | 420280.57 | 3764070.04 | 1.53042 |
| 420360.57 | 3764070.04 | 1.86797 | 420420.57 | 3764070.04 | 2.20471 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 2.33821 | 420260.57 | 3764090.04 | 1.36793 |
| 420340.57 | 3764090.04 | 1.69914 | 420400.57 | 3764090.04 | 1.98380 |
| 420420.57 | 3764090.04 | 2.09488 | 420440.57 | 3764090.04 | 2.21614 |
| 420460.57 | 3764090.04 | 2.34899 | 420260.57 | 3764110.04 | 1.31317 |
| 420340.57 | 3764110.04 | 1.57396 | 420400.57 | 3764110.04 | 1.88622 |
| 420420.57 | 3764110.04 | 1.98735 | 420440.57 | 3764110.04 | 2.09703 |
| 420320.57 | 3764130.04 | 1.43423 | 420380.57 | 3764130.04 | 1.70638 |
| 420400.57 | 3764130.04 | 1.79118 | 420420.57 | 3764130.04 | 1.88276 |
| 420360.57 | 3764150.04 | 1.49754 | 420400.57 | 3764150.04 | 1.69893 |
| 420340.57 | 3764170.04 | 1.36447 | 420380.57 | 3764170.04 | 1.48593 |
| 420400.57 | 3764170.04 | 1.55414 | 420380.57 | 3764190.04 | 1.40946 |
| 420714.65 | 3764272.44 | 1.94625 | 420734.65 | 3764284.40 | 1.87469 |
| 420754.65 | 3764284.40 | 1.91450 | 420280.59 | 3763433.11 | 2.22729 |
| 420260.59 | 3763453.11 | 2.15549 | 420260.59 | 3763473.11 | 2.17559 |
| 420233.62 | 3763487.75 | 2.05768 | 420253.62 | 3763507.75 | 2.16857 |
| 420200.59 | 3763533.11 | 1.92537 | 420223.55 | 3763541.34 | 2.03418 |
| 420240.59 | 3763533.11 | 2.11588 | 420179.16 | 3763563.83 | 1.83421 |
| 420200.59 | 3763573.11 | 1.92885 | 420234.64 | 3763578.58 | 2.09629 |
| 420200.59 | 3763593.11 | 1.92730 | 420160.59 | 3763613.11 | 1.74726 |
| 420138.25 | 3763640.23 | 1.64824 | 420200.59 | 3763613.11 | 1.92347 |
| 420180.59 | 3763633.11 | 1.82510 | 420172.25 | 3763655.96 | 1.77786 |
| 420160.59 | 3763673.11 | 1.71894 | 420160.59 | 3763693.11 | 1.70566 |
| 420092.84 | 3763719.31 | 1.44119 | 420140.59 | 3763713.11 | 1.61182 |
| 420120.59 | 3763733.11 | 1.52316 | 420804.93 | 3764263.30 | 2.26234 |
| 420820.93 | 3764270.66 | 2.21036 | 420839.88 | 3764276.55 | 2.18656 |
| 420860.72 | 3764279.50 | 2.20736 | 420880.72 | 3764279.50 | 2.27170 |
| 420892.72 | 3764288.76 | 2.19263 | 420900.72 | 3764299.50 | 2.09412 |
| 420920.72 | 3764299.50 | 2.17381 | 420980.72 | 3764299.50 | 2.52573 |
| 420740.72 | 3764319.50 | 1.59360 | 420780.72 | 3764319.50 | 1.64918 |
| 420800.72 | 3764319.50 | 1.67734 | 420820.72 | 3764319.50 | 1.70825 |
| 420840.72 | 3764319.50 | 1.74238 | 420940.72 | 3764319.50 | 2.02234 |
| 420980.72 | 3764319.50 | 2.22732 | 421003.29 | 3764310.49 | 2.51369 |
| 421023.29 | 3764310.49 | 2.66811 | 421043.29 | 3764310.49 | 2.39781 |
| 421063.29 | 3764310.49 | 2.51628 | 421083.29 | 3764310.49 | 2.64359 |
| 421103.29 | 3764310.49 | 2.78139 | 421123.29 | 3764310.49 | 2.92750 |
| 421143.29 | 3764310.49 | 3.07027 | 421163.29 | 3764310.49 | 3.20898 |
| 421183.29 | 3764310.49 | 3.34008 | 421203.29 | 3764310.49 | 3.46705 |

| | | | | | |
|---|---|---|---|---|---|
| 421223.29 | 3764310.49 | 3.59729 | 421243.29 | 3764310.49 | 3.69684 |
| 421263.29 | 3764310.49 | 3.78068 | 421283.29 | 3764310.49 | 3.85073 |
| 421303.29 | 3764310.49 | 3.90976 | 420760.72 | 3764339.50 | 1.47929 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 1.61478 | 420880.72 | 3764339.50 | 1.65318 |
| 420920.72 | 3764339.50 | 1.75249 | 420980.72 | 3764339.50 | 1.98014 |
| 420700.42 | 3764305.37 | 1.63599 | 420780.72 | 3764359.50 | 1.37386 |
| 420800.72 | 3764359.50 | 1.39425 | 420823.92 | 3764366.20 | 1.37892 |
| 420920.72 | 3764359.50 | 1.58400 | 420980.72 | 3764359.50 | 1.56546 |
| 421010.96 | 3764363.22 | 1.62830 | 421030.96 | 3764363.22 | 1.69353 |
| 421050.96 | 3764363.22 | 1.75885 | 421070.96 | 3764363.22 | 1.83131 |
| 421090.96 | 3764363.22 | 1.90813 | 421110.96 | 3764363.22 | 1.98973 |
| 421130.96 | 3764363.22 | 2.06939 | 421150.96 | 3764363.22 | 2.15179 |
| 421170.96 | 3764363.22 | 2.27056 | 421190.96 | 3764368.75 | 2.27465 |
| 421210.17 | 3764368.36 | 2.38066 | 421230.17 | 3764368.36 | 2.48684 |
| 421250.17 | 3764368.36 | 2.57809 | 421270.17 | 3764368.36 | 2.65889 |
| 421290.17 | 3764368.36 | 2.73623 | 421310.17 | 3764368.36 | 2.80983 |
| 420843.63 | 3764371.64 | 1.36861 | 420860.72 | 3764379.50 | 1.34293 |
| 420880.72 | 3764379.50 | 1.27865 | 420898.39 | 3764385.33 | 1.25593 |
| 420980.72 | 3764379.50 | 1.38267 | 420760.72 | 3764399.50 | 1.14932 |
| 420780.72 | 3764399.50 | 1.16371 | 420920.72 | 3764399.50 | 1.19653 |
| 420940.72 | 3764399.50 | 1.22442 | 420980.72 | 3764399.50 | 1.23217 |
| 420746.30 | 3764412.53 | 1.08329 | 420780.72 | 3764419.50 | 1.07564 |
| 420820.72 | 3764419.50 | 1.10520 | 420840.72 | 3764419.50 | 1.12104 |
| 420940.72 | 3764419.50 | 1.10709 | 420980.72 | 3764419.50 | 1.11057 |
| 421013.06 | 3764405.83 | 1.21391 | 421033.06 | 3764405.83 | 1.23535 |
| 421053.06 | 3764405.83 | 1.26852 | 421073.06 | 3764405.83 | 1.30577 |
| 421093.06 | 3764405.83 | 1.34525 | 421113.06 | 3764405.83 | 1.38681 |
| 421133.06 | 3764405.83 | 1.42823 | 421160.72 | 3764419.50 | 1.36500 |
| 421180.72 | 3764419.50 | 1.42090 | 421220.72 | 3764419.50 | 1.71287 |
| 421233.28 | 3764408.34 | 1.91201 | 421253.28 | 3764408.34 | 1.98816 |
| 421273.28 | 3764408.34 | 2.08132 | 421293.28 | 3764408.34 | 2.15707 |
| 420746.30 | 3764432.53 | 1.00502 | 420780.72 | 3764439.50 | 0.95373 |
| 420820.72 | 3764439.50 | 1.02399 | 420860.72 | 3764439.50 | 0.99027 |
| 420880.72 | 3764439.50 | 0.99820 | 420940.72 | 3764439.50 | 1.01553 |
| 420980.72 | 3764439.50 | 1.01120 | 420994.21 | 3764452.98 | 0.96168 |
| 421014.21 | 3764452.98 | 0.97572 | 421034.21 | 3764452.98 | 0.99196 |
| 421054.21 | 3764452.98 | 1.01228 | 421074.21 | 3764452.98 | 1.03701 |
| 421094.21 | 3764452.98 | 1.06497 | 421114.21 | 3764452.98 | 1.09247 |
| 421134.21 | 3764452.98 | 1.11715 | 421180.72 | 3764439.50 | 1.26554 |
| 421220.72 | 3764439.50 | 1.51820 | 420737.00 | 3764452.99 | 0.89059 |

| | | | | | |
|---|---|---|---|---|---|
| 420780.72 | 3764459.50 | 0.88755 | 420820.72 | 3764459.50 | 0.90381 |
| 420920.72 | 3764459.50 | 0.91464 | 421134.21 | 3764472.98 | 0.99780 |
| 421180.72 | 3764459.50 | 1.13325 | 421200.72 | 3764459.50 | 1.16660 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 1.48514 | 421252.35 | 3764459.04 | 1.50330 |
| 421293.28 | 3764448.34 | 1.75107 | 420737.00 | 3764472.99 | 0.83087 |
| 420820.72 | 3764479.50 | 0.83856 | 420871.79 | 3764475.04 | 0.83134 |
| 420920.72 | 3764479.50 | 0.83530 | 421180.72 | 3764479.50 | 1.02060 |
| 421200.72 | 3764479.50 | 1.03799 | 421260.72 | 3764479.50 | 1.35658 |
| 421280.72 | 3764479.50 | 1.45652 | 420737.00 | 3764492.99 | 0.77668 |
| 420767.69 | 3764492.53 | 0.78509 | 420820.72 | 3764499.50 | 0.77891 |
| 420871.79 | 3764495.04 | 0.76600 | 420920.72 | 3764499.50 | 0.77202 |
| 421114.21 | 3764512.98 | 0.74025 | 421134.21 | 3764512.98 | 0.77804 |
| 421200.72 | 3764499.50 | 0.94047 | 421280.72 | 3764499.50 | 1.32488 |
| 420730.48 | 3764507.70 | 0.73938 | 420767.69 | 3764512.53 | 0.73240 |
| 420820.72 | 3764519.50 | 0.72389 | 420871.79 | 3764515.04 | 0.70910 |
| 420920.72 | 3764519.50 | 0.70661 | 421000.26 | 3764522.29 | 0.58706 |
| 421020.26 | 3764522.29 | 0.59189 | 421040.26 | 3764522.29 | 0.61075 |
| 421060.26 | 3764522.29 | 0.63403 | 421080.26 | 3764522.29 | 0.66131 |
| 421200.72 | 3764519.50 | 0.86341 | 421280.72 | 3764519.50 | 1.20889 |
| 420730.48 | 3764527.70 | 0.69447 | 420767.69 | 3764532.53 | 0.68506 |
| 420820.72 | 3764539.50 | 0.67456 | 420860.72 | 3764539.50 | 0.65069 |
| 420920.72 | 3764539.50 | 0.64766 | 420980.72 | 3764539.50 | 0.53714 |
| 421160.72 | 3764539.50 | 0.74545 | 421180.72 | 3764539.50 | 0.77559 |
| 421280.72 | 3764539.50 | 1.10728 | 420860.72 | 3764559.50 | 0.60502 |
| 420909.07 | 3764562.58 | 0.60016 | 420980.72 | 3764559.50 | 0.50590 |
| 421040.72 | 3764559.50 | 0.53412 | 421080.72 | 3764559.50 | 0.58645 |
| 421100.72 | 3764559.50 | 0.60834 | 421120.72 | 3764559.50 | 0.63326 |
| 421140.72 | 3764559.50 | 0.65933 | 421160.72 | 3764559.50 | 0.68713 |
| 420960.72 | 3764579.50 | 0.48715 | 421020.72 | 3764579.50 | 0.49306 |
| 420680.84 | 3764330.64 | 1.43609 | 420720.84 | 3764330.64 | 1.48833 |
| 420660.84 | 3764350.64 | 1.25028 | 420692.00 | 3764425.97 | 0.99976 |
| 420720.84 | 3764350.64 | 1.36635 | 420660.84 | 3764370.64 | 1.15367 |
| 420700.84 | 3764370.64 | 1.23838 | 420700.84 | 3764390.64 | 1.14515 |
| 420700.84 | 3764410.64 | 1.06254 | 420680.84 | 3764450.64 | 0.87372 |
| 420680.84 | 3764470.64 | 0.81556 | 420680.84 | 3764490.64 | 0.76278 |
| 420101.08 | 3763674.83 | 1.49747 | 420083.47 | 3763665.61 | 1.44565 |
| 420070.89 | 3763688.25 | 1.39402 | 420083.05 | 3763697.47 | 1.42537 |
| 420043.64 | 3763644.22 | 1.33850 | 420057.47 | 3763625.35 | 1.38588 |
| 420067.12 | 3763611.93 | 1.41948 | 420079.70 | 3763600.61 | 1.46186 |
| 420101.50 | 3763588.45 | 1.53594 | 420107.79 | 3763573.35 | 1.56070 |

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|---|---|---|---|---|---|
| 420119.53 | 3763558.68 | 1.60375 | 420130.02 | 3763541.07 | 1.64259 |
| 420141.76 | 3763528.91 | 1.68551 | 420177.06 | 3763505.07 | 1.81898 |
| 420182.52 | 3763490.53 | 1.83669 | 420189.79 | 3763470.23 | 1.85761 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 1.91294 | 420211.91 | 3763443.87 | 1.93207 |
| 420221.30 | 3763427.51 | 1.95768 | 420233.11 | 3763414.79 | 1.99443 |
| 420187.06 | 3763375.10 | 1.78314 | 420174.04 | 3763398.73 | 1.71006 |
| 420159.80 | 3763419.94 | 1.65078 | 420144.65 | 3763435.69 | 1.60084 |
| 420157.37 | 3763449.33 | 1.66419 | 420203.21 | 3763366.33 | 1.83317 |
| 420212.30 | 3763349.37 | 1.84827 | 420110.79 | 3763789.57 | 1.40149 |
| 420095.76 | 3763777.27 | 1.36699 | 420082.79 | 3763760.88 | 1.34687 |
| 420069.13 | 3763754.06 | 1.31129 | 420054.11 | 3763743.13 | 1.27618 |
| 420101.91 | 3763822.34 | 1.34560 | 420083.47 | 3763829.85 | 1.28390 |
| 420062.30 | 3763818.25 | 1.23908 | 420054.11 | 3763806.64 | 1.22841 |
| 420037.04 | 3763795.71 | 1.19540 | 420087.94 | 3763866.45 | 1.26005 |
| 420066.97 | 3763858.48 | 1.21361 | 420049.36 | 3763847.57 | 1.18158 |
| 420032.58 | 3763850.93 | 1.14014 | 420490.31 | 3764285.91 | 1.29267 |
| 420510.31 | 3764285.91 | 1.33344 | 420530.31 | 3764285.91 | 1.37536 |
| 420550.31 | 3764285.91 | 1.47026 | 420570.31 | 3764285.91 | 1.51390 |
| 420590.31 | 3764285.91 | 1.55757 | 420610.31 | 3764285.91 | 1.60095 |
| 420390.31 | 3764305.91 | 1.04776 | 420410.31 | 3764305.91 | 1.07889 |
| 420430.31 | 3764305.91 | 1.11158 | 420450.31 | 3764305.91 | 1.14382 |
| 420470.31 | 3764305.91 | 1.17683 | 420490.31 | 3764305.91 | 1.21060 |
| 420510.31 | 3764305.91 | 1.24500 | 420530.31 | 3764305.91 | 1.28013 |
| 420550.31 | 3764305.91 | 1.31698 | 420570.31 | 3764305.91 | 1.40353 |
| 420590.31 | 3764305.91 | 1.44000 | 420610.31 | 3764305.91 | 1.42046 |
| 420390.31 | 3764325.91 | 0.99225 | 420410.31 | 3764325.91 | 1.01960 |
| 420430.31 | 3764325.91 | 1.04874 | 420450.31 | 3764325.91 | 1.07654 |
| 420470.31 | 3764325.91 | 1.10560 | 420490.31 | 3764325.91 | 1.13477 |
| 420510.31 | 3764325.91 | 1.16390 | 420530.31 | 3764325.91 | 1.19327 |
| 420550.31 | 3764325.91 | 1.22485 | 420570.31 | 3764325.91 | 1.25597 |
| 420590.31 | 3764325.91 | 1.28489 | 420410.31 | 3764345.91 | 0.96544 |
| 420430.31 | 3764345.91 | 0.98946 | 420450.31 | 3764345.91 | 1.01303 |
| 420470.31 | 3764345.91 | 1.03742 | 420490.31 | 3764345.91 | 1.06345 |
| 420510.31 | 3764345.91 | 1.09047 | 420530.31 | 3764345.91 | 1.11556 |
| 420550.31 | 3764345.91 | 1.14146 | 420570.31 | 3764345.91 | 1.16746 |
| 420430.31 | 3764365.91 | 0.93483 | 420450.31 | 3764365.91 | 0.95531 |
| 420470.31 | 3764365.91 | 0.97597 | 420490.31 | 3764365.91 | 0.99790 |
| 420510.31 | 3764365.91 | 1.02118 | 420530.31 | 3764365.91 | 1.04445 |
| 420550.31 | 3764365.91 | 1.06610 | 420570.31 | 3764365.91 | 1.08655 |
| 420450.31 | 3764385.91 | 0.90237 | 420470.31 | 3764385.91 | 0.91993 |

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|---|---|---|---|---|---|
| 420490.31 | 3764385.91 | 0.93759 | 420510.31 | 3764385.91 | 0.95655 |
| 420530.31 | 3764385.91 | 0.97897 | 420550.31 | 3764385.91 | 0.99733 |
| 420470.31 | 3764405.91 | 0.86769 | 420490.31 | 3764405.91 | 0.88310 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 0.89900 | 420530.31 | 3764405.91 | 0.91639 |
| 420490.31 | 3764425.91 | 0.83190 | 420510.31 | 3764425.91 | 0.84457 |
| 420504.61 | 3764167.94 | 2.06488 | 420511.08 | 3764158.02 | 2.17244 |
| 420524.44 | 3764147.67 | 2.33397 | 420535.23 | 3764136.03 | 2.50846 |
| 420493.83 | 3764108.43 | 2.44932 | 420483.05 | 3764124.38 | 2.25699 |
| 420469.25 | 3764140.34 | 2.06863 | 420454.16 | 3764160.60 | 1.87174 |
| 420443.38 | 3764173.11 | 1.75764 | 420427.85 | 3764193.38 | 1.59942 |
| 420417.51 | 3764210.62 | 1.43659 | 420405.86 | 3764224.42 | 1.34850 |
| 420389.91 | 3764241.24 | 1.24979 | 420379.13 | 3764258.92 | 1.16850 |
| 420362.74 | 3764275.31 | 1.08928 | 420351.10 | 3764286.95 | 1.03745 |
| 420518.84 | 3764071.76 | 2.98609 | 420534.99 | 3764080.89 | 3.05909 |
| 420548.34 | 3764092.83 | 3.06583 | 420571.51 | 3764110.38 | 3.08973 |
| 420591.17 | 3764123.02 | 3.12058 | 420605.91 | 3764135.66 | 3.08476 |
| 420622.06 | 3764145.49 | 3.08835 | 420640.32 | 3764160.23 | 3.02151 |
| 420614.34 | 3764193.23 | 2.41949 | 420580.63 | 3764167.96 | 2.49466 |
| 420565.89 | 3764182.00 | 2.27047 | 420553.95 | 3764191.13 | 2.12927 |
| 420597.49 | 3764203.77 | 2.22362 | 420591.87 | 3764223.43 | 2.02036 |
| 420539.91 | 3764200.26 | 1.99199 | 420606.61 | 3764240.98 | 1.92570 |
| 420629.08 | 3764250.81 | 1.91539 | 420648.74 | 3764238.87 | 2.08843 |
| 420651.55 | 3764222.73 | 2.26813 | 420660.68 | 3764207.98 | 2.48247 |
| 420667.00 | 3764195.34 | 2.68446 | 420681.74 | 3764181.30 | 2.99234 |
| 420712.64 | 3764215.70 | 2.61736 | 420695.09 | 3764229.75 | 2.35537 |
| 420732.30 | 3764227.64 | 2.52448 | 420747.05 | 3764238.17 | 2.42989 |
| 420767.41 | 3764245.19 | 2.39955 | 420681.04 | 3764247.30 | 2.10690 |
| 420668.40 | 3764264.85 | 1.90084 | 420655.06 | 3764283.11 | 1.71786 |
| 420641.02 | 3764297.86 | 1.58338 | 420638.21 | 3764314.71 | 1.47106 |
| 420629.08 | 3764330.86 | 1.31423 | 420619.25 | 3764349.11 | 1.21206 |
| 420605.91 | 3764381.41 | 1.06029 | 420599.59 | 3764395.46 | 1.00400 |
| 420572.91 | 3764397.56 | 0.97520 | 420563.78 | 3764415.82 | 0.91041 |
| 420537.80 | 3764434.78 | 0.83543 | 420556.76 | 3764436.18 | 0.84084 |
| 420575.72 | 3764441.10 | 0.83480 | 420589.76 | 3764450.93 | 0.81564 |
| 420638.21 | 3764481.82 | 0.76120 | 420641.02 | 3764463.56 | 0.81130 |
| 420648.74 | 3764446.01 | 0.86558 | 420652.96 | 3764423.54 | 0.94143 |
| 420652.96 | 3764410.90 | 0.98660 | 420650.85 | 3764387.03 | 1.07689 |
| 420295.36 | 3764152.91 | 1.28913 | 420331.87 | 3764188.02 | 1.28259 |
| 420353.64 | 3764208.38 | 1.27088 | 420339.59 | 3764226.64 | 1.18285 |
| 420327.66 | 3764237.87 | 1.12599 | 420317.83 | 3764252.62 | 1.06895 |

| | | | | | |
|---|---|---|---|---|---|
| 420300.27 | 3764231.55 | 1.08831 | 420285.53 | 3764216.81 | 1.09607 |
| 420271.48 | 3764206.28 | 1.09241 | 420260.25 | 3764195.04 | 1.09586 |
| 420283.42 | 3764171.17 | 1.20998 | 420268.56 | 3763810.41 | 2.10654 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 1.91328 | 420470.31 | 3764185.91 | 1.79475 |
| 420490.31 | 3764185.91 | 1.87732 | 420450.31 | 3764205.91 | 1.61451 |
| 420470.31 | 3764205.91 | 1.68289 | 420490.31 | 3764205.91 | 1.75478 |
| 420510.31 | 3764205.91 | 1.83053 | 420530.31 | 3764205.91 | 1.91033 |
| 420430.31 | 3764225.91 | 1.40840 | 420450.31 | 3764225.91 | 1.46376 |
| 420470.31 | 3764225.91 | 1.57770 | 420490.31 | 3764225.91 | 1.64031 |
| 420510.31 | 3764225.91 | 1.70569 | 420530.31 | 3764225.91 | 1.77385 |
| 420550.31 | 3764225.91 | 1.84426 | 420410.31 | 3764245.91 | 1.27924 |
| 420430.31 | 3764245.91 | 1.32703 | 420450.31 | 3764245.91 | 1.37573 |
| 420470.31 | 3764245.91 | 1.42654 | 420490.31 | 3764245.91 | 1.47896 |
| 420510.31 | 3764245.91 | 1.58989 | 420530.31 | 3764245.91 | 1.64832 |
| 420550.31 | 3764245.91 | 1.70817 | 420570.31 | 3764245.91 | 1.76981 |
| 420410.31 | 3764265.91 | 1.20908 | 420430.31 | 3764265.91 | 1.25041 |
| 420450.31 | 3764265.91 | 1.29329 | 420470.31 | 3764265.91 | 1.33730 |
| 420490.31 | 3764265.91 | 1.38249 | 420510.31 | 3764265.91 | 1.42935 |
| 420530.31 | 3764265.91 | 1.53297 | 420550.31 | 3764265.91 | 1.58383 |
| 420570.31 | 3764265.91 | 1.63553 | 420590.31 | 3764265.91 | 1.68808 |
| 420610.31 | 3764265.91 | 1.74127 | 420390.31 | 3764285.91 | 1.10666 |
| 420410.31 | 3764285.91 | 1.14217 | 420430.31 | 3764285.91 | 1.17871 |
| 420450.31 | 3764285.91 | 1.21604 | 420470.31 | 3764285.91 | 1.25355 |
| 420162.22 | 3763820.99 | 1.53470 | 420180.57 | 3763830.04 | 1.58939 |
| 420200.57 | 3763830.04 | 1.66832 | 420200.57 | 3763850.04 | 1.64018 |
| 420220.57 | 3763850.04 | 1.72350 | 420240.57 | 3763850.04 | 1.81576 |
| 420160.57 | 3763870.04 | 1.46219 | 420180.57 | 3763870.04 | 1.53280 |
| 420220.57 | 3763870.04 | 1.69005 | 420240.57 | 3763870.04 | 1.77780 |
| 420260.57 | 3763870.04 | 1.87539 | 420160.57 | 3763890.04 | 1.43227 |
| 420200.57 | 3763890.04 | 1.57491 | 420260.57 | 3763890.04 | 1.83405 |
| 420280.57 | 3763890.04 | 1.93342 | 420140.57 | 3763910.04 | 1.34134 |
| 420200.57 | 3763910.04 | 1.53731 | 420220.57 | 3763910.04 | 1.61659 |
| 420280.57 | 3763910.04 | 1.88777 | 420300.57 | 3763910.04 | 1.99318 |
| 420160.57 | 3763930.04 | 1.36807 | 420180.57 | 3763930.04 | 1.43019 |
| 420220.57 | 3763930.04 | 1.57463 | 420240.57 | 3763930.04 | 1.65495 |
| 420260.57 | 3763930.04 | 1.74429 | 420320.57 | 3763930.04 | 2.04983 |
| 420340.57 | 3763930.04 | 2.17162 | 420120.57 | 3763950.04 | 1.22401 |
| 420140.57 | 3763950.04 | 1.27669 | 420200.57 | 3763950.04 | 1.46071 |
| 420220.57 | 3763950.04 | 1.53083 | 420260.57 | 3763950.04 | 1.69303 |
| 420280.57 | 3763950.04 | 1.78493 | 420340.57 | 3763950.04 | 2.10600 |

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|---|---|---|---|---|---|
| 420360.57 | 3763950.04 | 2.23463 | 420120.57 | 3763970.04 | 1.19310 |
| 420140.57 | 3763970.04 | 1.24349 | 420160.57 | 3763970.04 | 1.29985 |
| 420240.57 | 3763970.04 | 1.56067 | 420300.57 | 3763970.04 | 1.82374 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.03607 | 420360.57 | 3763970.04 | 2.15861 |
| 420100.57 | 3763990.04 | 1.11760 | 420120.57 | 3763990.04 | 1.16228 |
| 420160.57 | 3763990.04 | 1.26300 | 420180.57 | 3763990.04 | 1.32097 |
| 420240.57 | 3763990.04 | 1.51400 | 420260.57 | 3763990.04 | 1.58741 |
| 420280.57 | 3763990.04 | 1.67023 | 420340.57 | 3763990.04 | 1.96405 |
| 420120.57 | 3764010.04 | 1.13100 | 420140.57 | 3764010.04 | 1.17691 |
| 420160.57 | 3764010.04 | 1.22862 | 420200.57 | 3764010.04 | 1.33956 |
| 420220.57 | 3764010.04 | 1.40044 | 420280.57 | 3764010.04 | 1.61471 |
| 420320.57 | 3764010.04 | 1.79013 | 420400.57 | 3764010.04 | 2.24050 |
| 420420.57 | 3764010.04 | 2.38248 | 420440.57 | 3764010.04 | 2.53918 |
| 420180.57 | 3764030.04 | 1.24250 | 420200.57 | 3764030.04 | 1.29552 |
| 420240.57 | 3764030.04 | 1.41812 | 420300.57 | 3764030.04 | 1.63845 |
| 420320.57 | 3764030.04 | 1.72206 | 420400.57 | 3764030.04 | 2.14090 |
| 420440.57 | 3764030.04 | 2.41837 | 420460.57 | 3764030.04 | 2.58122 |
| 420180.57 | 3764050.04 | 1.20092 | 420200.57 | 3764050.04 | 1.25146 |
| 420240.57 | 3764050.04 | 1.36680 | 420280.57 | 3764050.04 | 1.50085 |
| 420380.57 | 3764050.04 | 1.93003 | 420480.57 | 3764050.04 | 2.60751 |
| 420200.57 | 3764070.04 | 1.20961 | 420220.57 | 3764070.04 | 1.26293 |
| 420260.57 | 3764070.04 | 1.37888 | 420280.57 | 3764070.04 | 1.44100 |
| 420360.57 | 3764070.04 | 1.74961 | 420420.57 | 3764070.04 | 2.05615 |
| 420440.57 | 3764070.04 | 2.17712 | 420260.57 | 3764090.04 | 1.32469 |
| 420340.57 | 3764090.04 | 1.58958 | 420400.57 | 3764090.04 | 1.85027 |
| 420420.57 | 3764090.04 | 1.94945 | 420440.57 | 3764090.04 | 2.06020 |
| 420460.57 | 3764090.04 | 2.18472 | 420260.57 | 3764110.04 | 1.27038 |
| 420340.57 | 3764110.04 | 1.51780 | 420400.57 | 3764110.04 | 1.75498 |
| 420420.57 | 3764110.04 | 1.84775 | 420440.57 | 3764110.04 | 1.94938 |
| 420320.57 | 3764130.04 | 1.38359 | 420380.57 | 3764130.04 | 1.58792 |
| 420400.57 | 3764130.04 | 1.66505 | 420420.57 | 3764130.04 | 1.75066 |
| 420360.57 | 3764150.04 | 1.44337 | 420400.57 | 3764150.04 | 1.57908 |
| 420340.57 | 3764170.04 | 1.31663 | 420380.57 | 3764170.04 | 1.43214 |
| 420400.57 | 3764170.04 | 1.49726 | 420380.57 | 3764190.04 | 1.35995 |
| 420714.65 | 3764272.44 | 1.78227 | 420734.65 | 3764284.40 | 1.71203 |
| 420754.65 | 3764284.40 | 1.74502 | 420280.59 | 3763433.11 | 2.22364 |
| 420260.59 | 3763453.11 | 2.15148 | 420260.59 | 3763473.11 | 2.12494 |
| 420233.62 | 3763487.75 | 1.99707 | 420253.62 | 3763507.75 | 2.10259 |
| 420200.59 | 3763533.11 | 1.85587 | 420223.55 | 3763541.34 | 1.96082 |
| 420240.59 | 3763533.11 | 2.04223 | 420179.16 | 3763563.83 | 1.76292 |

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|---|---|---|---|---|---|
| 420200.59 | 3763573.11 | 1.85120 | 420234.64 | 3763578.58 | 2.01578 |
| 420200.59 | 3763593.11 | 1.84937 | 420160.59 | 3763613.11 | 1.68061 |
| 420138.25 | 3763640.23 | 1.58718 | 420200.59 | 3763613.11 | 1.84710 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 1.75312 | 420172.25 | 3763655.96 | 1.70955 |
| 420160.59 | 3763673.11 | 1.65611 | 420160.59 | 3763693.11 | 1.64582 |
| 420092.84 | 3763719.31 | 1.39687 | 420140.59 | 3763713.11 | 1.55878 |
| 420120.59 | 3763733.11 | 1.47654 | 420804.93 | 3764263.30 | 2.03625 |
| 420820.93 | 3764270.66 | 1.98163 | 420839.88 | 3764276.55 | 1.94914 |
| 420860.72 | 3764279.50 | 1.94909 | 420880.72 | 3764279.50 | 1.98475 |
| 420892.72 | 3764288.76 | 1.89692 | 420900.72 | 3764299.50 | 1.81131 |
| 420920.72 | 3764299.50 | 1.85732 | 420980.72 | 3764299.50 | 2.04791 |
| 420740.72 | 3764319.50 | 1.45619 | 420780.72 | 3764319.50 | 1.49814 |
| 420800.72 | 3764319.50 | 1.51511 | 420820.72 | 3764319.50 | 1.53499 |
| 420840.72 | 3764319.50 | 1.55603 | 420940.72 | 3764319.50 | 1.70401 |
| 420980.72 | 3764319.50 | 1.80754 | 421003.29 | 3764310.49 | 1.98175 |
| 421023.29 | 3764310.49 | 2.03278 | 421043.29 | 3764310.49 | 2.12019 |
| 421063.29 | 3764310.49 | 2.21388 | 421083.29 | 3764310.49 | 2.31616 |
| 421103.29 | 3764310.49 | 2.42847 | 421123.29 | 3764310.49 | 2.54961 |
| 421143.29 | 3764310.49 | 2.67228 | 421163.29 | 3764310.49 | 2.79586 |
| 421183.29 | 3764310.49 | 2.91785 | 421203.29 | 3764310.49 | 3.04053 |
| 421223.29 | 3764310.49 | 3.16978 | 421243.29 | 3764310.49 | 3.27905 |
| 421263.29 | 3764310.49 | 3.37843 | 421283.29 | 3764310.49 | 3.46883 |
| 421303.29 | 3764310.49 | 3.55209 | 420760.72 | 3764339.50 | 1.35020 |
| 420860.72 | 3764339.50 | 1.43565 | 420880.72 | 3764339.50 | 1.45665 |
| 420920.72 | 3764339.50 | 1.50784 | 420980.72 | 3764339.50 | 1.60653 |
| 420700.42 | 3764305.37 | 1.49352 | 420780.72 | 3764359.50 | 1.24849 |
| 420800.72 | 3764359.50 | 1.26142 | 420823.92 | 3764366.20 | 1.24107 |
| 420920.72 | 3764359.50 | 1.35712 | 420980.72 | 3764359.50 | 1.42929 |
| 421010.96 | 3764363.22 | 1.47661 | 421030.96 | 3764363.22 | 1.52836 |
| 421050.96 | 3764363.22 | 1.58072 | 421070.96 | 3764363.22 | 1.63924 |
| 421090.96 | 3764363.22 | 1.70192 | 421110.96 | 3764363.22 | 1.76953 |
| 421130.96 | 3764363.22 | 1.83763 | 421150.96 | 3764363.22 | 1.90896 |
| 421170.96 | 3764363.22 | 2.00437 | 421190.96 | 3764368.75 | 2.01190 |
| 421210.17 | 3764368.36 | 2.10216 | 421230.17 | 3764368.36 | 2.19445 |
| 421250.17 | 3764368.36 | 2.27918 | 421270.17 | 3764368.36 | 2.35850 |
| 421290.17 | 3764368.36 | 2.43712 | 421310.17 | 3764368.36 | 2.51482 |
| 420843.63 | 3764371.64 | 1.22305 | 420860.72 | 3764379.50 | 1.19113 |
| 420880.72 | 3764379.50 | 1.19733 | 420898.39 | 3764385.33 | 1.17304 |
| 420980.72 | 3764379.50 | 1.27222 | 420760.72 | 3764399.50 | 1.04916 |
| 420780.72 | 3764399.50 | 1.05942 | 420920.72 | 3764399.50 | 1.11596 |

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|---|---|---|---|---|---|
| 420940.72 | 3764399.50 | 1.13710 | 420980.72 | 3764399.50 | 1.13767 |
| 420746.30 | 3764412.53 | 0.98978 | 420780.72 | 3764419.50 | 0.97716 |
| 420820.72 | 3764419.50 | 1.00118 | 420840.72 | 3764419.50 | 1.00851 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.03246 | 420980.72 | 3764419.50 | 1.02652 |
| 421013.06 | 3764405.83 | 1.11480 | 421033.06 | 3764405.83 | 1.13150 |
| 421053.06 | 3764405.83 | 1.16031 | 421073.06 | 3764405.83 | 1.19298 |
| 421093.06 | 3764405.83 | 1.22755 | 421113.06 | 3764405.83 | 1.26382 |
| 421133.06 | 3764405.83 | 1.29938 | 421160.72 | 3764419.50 | 1.24003 |
| 421180.72 | 3764419.50 | 1.29041 | 421220.72 | 3764419.50 | 1.54821 |
| 421233.28 | 3764408.34 | 1.71283 | 421253.28 | 3764408.34 | 1.77873 |
| 421273.28 | 3764408.34 | 1.85701 | 421293.28 | 3764408.34 | 1.92516 |
| 420746.30 | 3764432.53 | 0.91661 | 420780.72 | 3764439.50 | 0.90704 |
| 420820.72 | 3764439.50 | 0.92752 | 420860.72 | 3764439.50 | 0.93623 |
| 420880.72 | 3764439.50 | 0.94106 | 420940.72 | 3764439.50 | 0.94953 |
| 420980.72 | 3764439.50 | 0.93557 | 420994.21 | 3764452.98 | 0.88871 |
| 421014.21 | 3764452.98 | 0.89953 | 421034.21 | 3764452.98 | 0.91273 |
| 421054.21 | 3764452.98 | 0.93020 | 421074.21 | 3764452.98 | 0.95214 |
| 421094.21 | 3764452.98 | 0.97725 | 421114.21 | 3764452.98 | 1.00141 |
| 421134.21 | 3764452.98 | 1.02231 | 421180.72 | 3764439.50 | 1.15137 |
| 421220.72 | 3764439.50 | 1.38145 | 420737.00 | 3764452.99 | 0.84795 |
| 420780.72 | 3764459.50 | 0.84552 | 420820.72 | 3764459.50 | 0.85958 |
| 420920.72 | 3764459.50 | 0.85848 | 421134.21 | 3764472.98 | 0.91196 |
| 421180.72 | 3764459.50 | 1.03218 | 421200.72 | 3764459.50 | 1.06144 |
| 421233.28 | 3764448.34 | 1.35229 | 421252.35 | 3764459.04 | 1.36035 |
| 421293.28 | 3764448.34 | 1.56500 | 420737.00 | 3764472.99 | 0.79210 |
| 420820.72 | 3764479.50 | 0.79843 | 420871.79 | 3764475.04 | 0.78375 |
| 420920.72 | 3764479.50 | 0.78243 | 421180.72 | 3764479.50 | 0.93018 |
| 421200.72 | 3764479.50 | 0.94365 | 421260.72 | 3764479.50 | 1.23661 |
| 421280.72 | 3764479.50 | 1.31146 | 420737.00 | 3764492.99 | 0.74123 |
| 420767.69 | 3764492.53 | 0.74952 | 420820.72 | 3764499.50 | 0.74356 |
| 420871.79 | 3764495.04 | 0.72017 | 420920.72 | 3764499.50 | 0.72270 |
| 421114.21 | 3764512.98 | 0.66885 | 421134.21 | 3764512.98 | 0.70480 |
| 421200.72 | 3764499.50 | 0.85562 | 421280.72 | 3764499.50 | 1.19705 |
| 420730.48 | 3764507.70 | 0.70632 | 420767.69 | 3764512.53 | 0.70072 |
| 420820.72 | 3764519.50 | 0.69232 | 420871.79 | 3764515.04 | 0.66496 |
| 420920.72 | 3764519.50 | 0.65829 | 421000.26 | 3764522.29 | 0.52905 |
| 421020.26 | 3764522.29 | 0.53359 | 421040.26 | 3764522.29 | 0.55055 |
| 421060.26 | 3764522.29 | 0.57163 | 421080.26 | 3764522.29 | 0.59660 |
| 421200.72 | 3764519.50 | 0.78703 | 421280.72 | 3764519.50 | 1.09654 |
| 420730.48 | 3764527.70 | 0.66461 | 420767.69 | 3764532.53 | 0.65662 |

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|---|---|---|---|---|---|
| 420820.72 | 3764539.50 | 0.64527 | 420860.72 | 3764539.50 | 0.61048 |
| 420920.72 | 3764539.50 | 0.60023 | 420980.72 | 3764539.50 | 0.48519 |
| 421160.72 | 3764539.50 | 0.67929 | 421180.72 | 3764539.50 | 0.70826 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 1.00840 | 420860.72 | 3764559.50 | 0.56578 |
| 420909.07 | 3764562.58 | 0.55736 | 420980.72 | 3764559.50 | 0.45765 |
| 421040.72 | 3764559.50 | 0.48310 | 421080.72 | 3764559.50 | 0.53100 |
| 421100.72 | 3764559.50 | 0.55146 | 421120.72 | 3764559.50 | 0.57498 |
| 421140.72 | 3764559.50 | 0.59978 | 421160.72 | 3764559.50 | 0.62653 |
| 420960.72 | 3764579.50 | 0.44120 | 421020.72 | 3764579.50 | 0.44657 |
| 420680.84 | 3764330.64 | 1.31005 | 420720.84 | 3764330.64 | 1.35738 |
| 420660.84 | 3764350.64 | 1.18798 | 420692.00 | 3764425.97 | 0.91540 |
| 420720.84 | 3764350.64 | 1.25175 | 420660.84 | 3764370.64 | 1.09584 |
| 420700.84 | 3764370.64 | 1.12993 | 420700.84 | 3764390.64 | 1.04555 |
| 420700.84 | 3764410.64 | 0.97273 | 420680.84 | 3764450.64 | 0.83136 |
| 420680.84 | 3764470.64 | 0.77641 | 420680.84 | 3764490.64 | 0.72711 |
| 420101.08 | 3763674.83 | 1.44887 | 420083.47 | 3763665.61 | 1.39948 |
| 420070.89 | 3763688.25 | 1.35193 | 420083.05 | 3763697.47 | 1.38156 |
| 420043.64 | 3763644.22 | 1.29583 | 420057.47 | 3763625.35 | 1.33944 |
| 420067.12 | 3763611.93 | 1.36995 | 420079.70 | 3763600.61 | 1.40906 |
| 420101.50 | 3763588.45 | 1.47940 | 420107.79 | 3763573.35 | 1.50179 |
| 420119.53 | 3763558.68 | 1.54272 | 420130.02 | 3763541.07 | 1.57873 |
| 420141.76 | 3763528.91 | 1.62034 | 420177.06 | 3763505.07 | 1.75409 |
| 420182.52 | 3763490.53 | 1.77209 | 420189.79 | 3763470.23 | 1.79965 |
| 420205.24 | 3763456.30 | 1.86059 | 420211.91 | 3763443.87 | 1.88363 |
| 420221.30 | 3763427.51 | 1.91771 | 420233.11 | 3763414.79 | 1.99136 |
| 420187.06 | 3763375.10 | 1.71983 | 420174.04 | 3763398.73 | 1.66548 |
| 420159.80 | 3763419.94 | 1.60149 | 420144.65 | 3763435.69 | 1.55220 |
| 420157.37 | 3763449.33 | 1.61889 | 420203.21 | 3763366.33 | 1.79358 |
| 420212.30 | 3763349.37 | 1.82352 | 420110.79 | 3763789.57 | 1.36890 |
| 420095.76 | 3763777.27 | 1.33614 | 420082.79 | 3763760.88 | 1.32019 |
| 420069.13 | 3763754.06 | 1.28455 | 420054.11 | 3763743.13 | 1.24939 |
| 420101.91 | 3763822.34 | 1.31636 | 420083.47 | 3763829.85 | 1.25526 |
| 420062.30 | 3763818.25 | 1.21254 | 420054.11 | 3763806.64 | 1.20247 |
| 420037.04 | 3763795.71 | 1.17091 | 420087.94 | 3763866.45 | 1.23333 |
| 420066.97 | 3763858.48 | 1.18819 | 420049.36 | 3763847.57 | 1.15772 |
| 420032.58 | 3763850.93 | 1.11813 | 420490.31 | 3764285.91 | 1.25102 |
| 420510.31 | 3764285.91 | 1.28881 | 420530.31 | 3764285.91 | 1.32732 |
| 420550.31 | 3764285.91 | 1.36609 | 420570.31 | 3764285.91 | 1.40411 |
| 420590.31 | 3764285.91 | 1.44099 | 420610.31 | 3764285.91 | 1.47665 |
| 420390.31 | 3764305.91 | 1.01899 | 420410.31 | 3764305.91 | 1.04880 |

| | | | | | |
|---|---|---|---|---|---|
| 420430.31 | 3764305.91 | 1.08003 | 420450.31 | 3764305.91 | 1.11037 |
| 420470.31 | 3764305.91 | 1.14111 | 420490.31 | 3764305.91 | 1.17226 |
| 420510.31 | 3764305.91 | 1.20372 | 420530.31 | 3764305.91 | 1.23551 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.26879 | 420570.31 | 3764305.91 | 1.30100 |
| 420590.31 | 3764305.91 | 1.33098 | 420610.31 | 3764305.91 | 1.35829 |
| 420390.31 | 3764325.91 | 0.96592 | 420410.31 | 3764325.91 | 0.99194 |
| 420430.31 | 3764325.91 | 1.01978 | 420450.31 | 3764325.91 | 1.04562 |
| 420470.31 | 3764325.91 | 1.07254 | 420490.31 | 3764325.91 | 1.09922 |
| 420510.31 | 3764325.91 | 1.12535 | 420530.31 | 3764325.91 | 1.15139 |
| 420550.31 | 3764325.91 | 1.17966 | 420570.31 | 3764325.91 | 1.20706 |
| 420590.31 | 3764325.91 | 1.23171 | 420410.31 | 3764345.91 | 0.94018 |
| 420430.31 | 3764345.91 | 0.96254 | 420450.31 | 3764345.91 | 0.98400 |
| 420470.31 | 3764345.91 | 1.00611 | 420490.31 | 3764345.91 | 1.02986 |
| 420510.31 | 3764345.91 | 1.05433 | 420530.31 | 3764345.91 | 1.07625 |
| 420550.31 | 3764345.91 | 1.09884 | 420570.31 | 3764345.91 | 1.12135 |
| 420430.31 | 3764365.91 | 0.90968 | 420450.31 | 3764365.91 | 0.92807 |
| 420470.31 | 3764365.91 | 0.94639 | 420490.31 | 3764365.91 | 0.96597 |
| 420510.31 | 3764365.91 | 0.98678 | 420530.31 | 3764365.91 | 1.00733 |
| 420550.31 | 3764365.91 | 1.02582 | 420570.31 | 3764365.91 | 1.04282 |
| 420450.31 | 3764385.91 | 0.87673 | 420470.31 | 3764385.91 | 0.89195 |
| 420490.31 | 3764385.91 | 0.90714 | 420510.31 | 3764385.91 | 0.92360 |
| 420530.31 | 3764385.91 | 0.94372 | 420550.31 | 3764385.91 | 0.95917 |
| 420470.31 | 3764405.91 | 0.84106 | 420490.31 | 3764405.91 | 0.85414 |
| 420510.31 | 3764405.91 | 0.86756 | 420530.31 | 3764405.91 | 0.88251 |
| 420490.31 | 3764425.91 | 0.80406 | 420510.31 | 3764425.91 | 0.81436 |
| 420504.61 | 3764167.94 | 1.91799 | 420511.08 | 3764158.02 | 2.01687 |
| 420524.44 | 3764147.67 | 2.16475 | 420535.23 | 3764136.03 | 2.32212 |
| 420493.83 | 3764108.43 | 2.27034 | 420483.05 | 3764124.38 | 2.09309 |
| 420469.25 | 3764140.34 | 1.91987 | 420454.16 | 3764160.60 | 1.73958 |
| 420443.38 | 3764173.11 | 1.63553 | 420427.85 | 3764193.38 | 1.48819 |
| 420417.51 | 3764210.62 | 1.38712 | 420405.86 | 3764224.42 | 1.30356 |
| 420389.91 | 3764241.24 | 1.21013 | 420379.13 | 3764258.92 | 1.13307 |
| 420362.74 | 3764275.31 | 1.05771 | 420351.10 | 3764286.95 | 1.00821 |
| 420518.84 | 3764071.76 | 2.76448 | 420534.99 | 3764080.89 | 2.82734 |
| 420548.34 | 3764092.83 | 2.83146 | 420571.51 | 3764110.38 | 2.84038 |
| 420591.17 | 3764123.02 | 2.87302 | 420605.91 | 3764135.66 | 2.83460 |
| 420622.06 | 3764145.49 | 2.83471 | 420640.32 | 3764160.23 | 2.77648 |
| 420614.34 | 3764193.23 | 2.23724 | 420580.63 | 3764167.96 | 2.30265 |
| 420565.89 | 3764182.00 | 2.10367 | 420553.95 | 3764191.13 | 1.97639 |
| 420597.49 | 3764203.77 | 2.05670 | 420591.87 | 3764223.43 | 1.87329 |

| | | | | | |
|---|---|---|---|---|---|
| 420539.91 | 3764200.26 | 1.85052 | 420606.61 | 3764240.98 | 1.78441 |
| 420629.08 | 3764250.81 | 1.77243 | 420648.74 | 3764238.87 | 1.92432 |
| 420651.55 | 3764222.73 | 2.08997 | 420660.68 | 3764207.98 | 2.28039 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_TR_ON ***
INCLUDING SOURCE(S): PAREA4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.46263 | 420681.74 | 3764181.30 | 2.74179 |
| 420712.64 | 3764215.70 | 2.37888 | 420695.09 | 3764229.75 | 2.14743 |
| 420732.30 | 3764227.64 | 2.28967 | 420747.05 | 3764238.17 | 2.20453 |
| 420767.41 | 3764245.19 | 2.17646 | 420681.04 | 3764247.30 | 1.92531 |
| 420668.40 | 3764264.85 | 1.73931 | 420655.06 | 3764283.11 | 1.57348 |
| 420641.02 | 3764297.86 | 1.45195 | 420638.21 | 3764314.71 | 1.35001 |
| 420629.08 | 3764330.86 | 1.25356 | 420619.25 | 3764349.11 | 1.15709 |
| 420605.91 | 3764381.41 | 1.01243 | 420599.59 | 3764395.46 | 0.95912 |
| 420572.91 | 3764397.56 | 0.93441 | 420563.78 | 3764415.82 | 0.87276 |
| 420537.80 | 3764434.78 | 0.80202 | 420556.76 | 3764436.18 | 0.80505 |
| 420575.72 | 3764441.10 | 0.79692 | 420589.76 | 3764450.93 | 0.77756 |
| 420638.21 | 3764481.82 | 0.72486 | 420641.02 | 3764463.56 | 0.77223 |
| 420648.74 | 3764446.01 | 0.82324 | 420652.96 | 3764423.54 | 0.89480 |
| 420652.96 | 3764410.90 | 0.93789 | 420650.85 | 3764387.03 | 1.02416 |
| 420295.36 | 3764152.91 | 1.24447 | 420331.87 | 3764188.02 | 1.23870 |
| 420353.64 | 3764208.38 | 1.22787 | 420339.59 | 3764226.64 | 1.14455 |
| 420327.66 | 3764237.87 | 1.09037 | 420317.83 | 3764252.62 | 1.03635 |
| 420300.27 | 3764231.55 | 1.05354 | 420285.53 | 3764216.81 | 1.06038 |
| 420271.48 | 3764206.28 | 1.05626 | 420260.25 | 3764195.04 | 1.05928 |
| 420283.42 | 3764171.17 | 1.16908 | 420972.38 | 3763271.71 | 2.20091 |
| 420913.80 | 3763329.33 | 2.88823 | 420955.88 | 3763316.14 | 2.55638 |
| 421011.82 | 3763312.84 | 2.22499 | 420869.05 | 3763382.67 | 3.65729 |
| 420913.80 | 3763379.33 | 3.34767 | 420955.88 | 3763366.14 | 2.93825 |
| 421011.82 | 3763362.84 | 2.53164 | 420906.65 | 3763419.80 | 3.86576 |
| 420955.88 | 3763416.14 | 3.41970 | 421011.82 | 3763412.84 | 2.91176 |
| 421009.84 | 3763454.26 | 3.32035 | 420679.66 | 3764117.07 | 4.31350 |
| 420692.12 | 3764098.22 | 5.06684 | 420703.14 | 3764099.09 | 5.26176 |
| 420702.56 | 3764144.04 | 3.93320 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 2.27768 | 420180.57 | 3763830.04 | 2.38444 |
| 420200.57 | 3763830.04 | 2.53059 | 420200.57 | 3763850.04 | 2.49329 |
| 420220.57 | 3763850.04 | 2.65075 | 420240.57 | 3763850.04 | 2.82758 |
| 420160.57 | 3763870.04 | 2.18903 | 420180.57 | 3763870.04 | 2.31388 |
| 420220.57 | 3763870.04 | 2.60320 | 420240.57 | 3763870.04 | 2.77111 |
| 420260.57 | 3763870.04 | 2.96226 | 420160.57 | 3763890.04 | 2.15006 |
| 420200.57 | 3763890.04 | 2.40571 | 420260.57 | 3763890.04 | 2.89401 |
| 420280.57 | 3763890.04 | 3.08777 | 420140.57 | 3763910.04 | 2.00940 |
| 420200.57 | 3763910.04 | 2.33308 | 420220.57 | 3763910.04 | 2.49574 |
| 420280.57 | 3763910.04 | 3.00815 | 420300.57 | 3763910.04 | 3.21191 |
| 420160.57 | 3763930.04 | 2.04826 | 420180.57 | 3763930.04 | 2.13857 |
| 420220.57 | 3763930.04 | 2.41340 | 420240.57 | 3763930.04 | 2.56142 |
| 420260.57 | 3763930.04 | 2.74502 | 420320.57 | 3763930.04 | 3.31449 |
| 420340.57 | 3763930.04 | 3.55753 | 420120.57 | 3763950.04 | 1.81272 |
| 420140.57 | 3763950.04 | 1.89176 | 420200.57 | 3763950.04 | 2.21122 |
| 420220.57 | 3763950.04 | 2.32490 | 420260.57 | 3763950.04 | 2.63830 |
| 420280.57 | 3763950.04 | 2.82067 | 420340.57 | 3763950.04 | 3.42308 |
| 420360.57 | 3763950.04 | 3.67813 | 420120.57 | 3763970.04 | 1.76195 |
| 420140.57 | 3763970.04 | 1.84167 | 420160.57 | 3763970.04 | 1.95170 |
| 420240.57 | 3763970.04 | 2.38344 | 420300.57 | 3763970.04 | 2.88908 |
| 420340.57 | 3763970.04 | 3.28150 | 420360.57 | 3763970.04 | 3.51564 |
| 420100.57 | 3763990.04 | 1.65925 | 420120.57 | 3763990.04 | 1.72381 |
| 420160.57 | 3763990.04 | 1.88749 | 420180.57 | 3763990.04 | 2.00210 |
| 420240.57 | 3763990.04 | 2.31694 | 420260.57 | 3763990.04 | 2.43764 |
| 420280.57 | 3763990.04 | 2.58798 | 420340.57 | 3763990.04 | 3.14269 |
| 420120.57 | 3764010.04 | 1.68572 | 420140.57 | 3764010.04 | 1.75723 |
| 420160.57 | 3764010.04 | 1.85521 | 420200.57 | 3764010.04 | 2.04072 |
| 420220.57 | 3764010.04 | 2.14136 | 420280.57 | 3764010.04 | 2.50682 |
| 420320.57 | 3764010.04 | 2.82112 | 420400.57 | 3764010.04 | 3.58761 |
| 420420.57 | 3764010.04 | 3.83219 | 420440.57 | 3764010.04 | 4.09906 |
| 420180.57 | 3764030.04 | 1.88571 | 420200.57 | 3764030.04 | 1.96777 |
| 420240.57 | 3764030.04 | 2.18276 | 420300.57 | 3764030.04 | 2.57108 |
| 420320.57 | 3764030.04 | 2.69973 | 420400.57 | 3764030.04 | 3.39291 |
| 420440.57 | 3764030.04 | 3.85086 | 420460.57 | 3764030.04 | 4.11645 |

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|---|---|---|---|---|---|
| 420180.57 | 3764050.04 | 1.81552 | 420200.57 | 3764050.04 | 1.88851 |
| 420240.57 | 3764050.04 | 2.09933 | 420280.57 | 3764050.04 | 2.33195 |
| 420380.57 | 3764050.04 | 3.02299 | 420480.57 | 3764050.04 | 4.08572 |
| 420200.57 | 3764070.04 | 1.83304 | 420220.57 | 3764070.04 | 1.93893 |
| 420260.57 | 3764070.04 | 2.13467 | 420280.57 | 3764070.04 | 2.23273 |
| 420360.57 | 3764070.04 | 2.73128 | 420420.57 | 3764070.04 | 3.21333 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 3.39159 | 420260.57 | 3764090.04 | 2.04350 |
| 420340.57 | 3764090.04 | 2.47567 | 420400.57 | 3764090.04 | 2.88277 |
| 420420.57 | 3764090.04 | 3.02731 | 420440.57 | 3764090.04 | 3.19342 |
| 420460.57 | 3764090.04 | 3.38916 | 420260.57 | 3764110.04 | 1.93783 |
| 420340.57 | 3764110.04 | 2.35495 | 420400.57 | 3764110.04 | 2.72543 |
| 420420.57 | 3764110.04 | 2.86442 | 420440.57 | 3764110.04 | 3.01664 |
| 420320.57 | 3764130.04 | 2.11762 | 420380.57 | 3764130.04 | 2.46750 |
| 420400.57 | 3764130.04 | 2.58625 | 420420.57 | 3764130.04 | 2.71651 |
| 420360.57 | 3764150.04 | 2.23501 | 420400.57 | 3764150.04 | 2.45215 |
| 420340.57 | 3764170.04 | 2.03022 | 420380.57 | 3764170.04 | 2.21139 |
| 420400.57 | 3764170.04 | 2.33014 | 420380.57 | 3764190.04 | 2.09992 |
| 420714.65 | 3764272.44 | 2.69239 | 420734.65 | 3764284.40 | 2.60609 |
| 420754.65 | 3764284.40 | 2.62193 | 420280.59 | 3763433.11 | 2.93399 |
| 420260.59 | 3763453.11 | 2.82722 | 420260.59 | 3763473.11 | 2.88079 |
| 420233.62 | 3763487.75 | 2.69845 | 420253.62 | 3763507.75 | 2.90697 |
| 420200.59 | 3763533.11 | 2.53505 | 420223.55 | 3763541.34 | 2.72206 |
| 420240.59 | 3763533.11 | 2.84856 | 420179.16 | 3763563.83 | 2.42499 |
| 420200.59 | 3763573.11 | 2.58818 | 420234.64 | 3763578.58 | 2.87604 |
| 420200.59 | 3763593.11 | 2.61056 | 420160.59 | 3763613.11 | 2.34284 |
| 420138.25 | 3763640.23 | 2.21463 | 420200.59 | 3763613.11 | 2.62974 |
| 420180.59 | 3763633.11 | 2.49152 | 420172.25 | 3763655.96 | 2.44066 |
| 420160.59 | 3763673.11 | 2.36328 | 420160.59 | 3763693.11 | 2.36329 |
| 420092.84 | 3763719.31 | 1.96277 | 420140.59 | 3763713.11 | 2.22972 |
| 420120.59 | 3763733.11 | 2.10474 | 420804.93 | 3764263.30 | 2.83851 |
| 420820.93 | 3764270.66 | 2.75698 | 420839.88 | 3764276.55 | 2.68644 |
| 420860.72 | 3764279.50 | 2.63722 | 420880.72 | 3764279.50 | 2.61048 |
| 420892.72 | 3764288.76 | 2.49410 | 420900.72 | 3764299.50 | 2.40942 |
| 420920.72 | 3764299.50 | 2.38079 | 420980.72 | 3764299.50 | 2.26754 |
| 420740.72 | 3764319.50 | 2.32848 | 420780.72 | 3764319.50 | 2.34311 |
| 420800.72 | 3764319.50 | 2.34173 | 420820.72 | 3764319.50 | 2.33496 |
| 420840.72 | 3764319.50 | 2.32465 | 420940.72 | 3764319.50 | 2.19222 |
| 420980.72 | 3764319.50 | 2.12036 | 421003.29 | 3764310.49 | 2.12999 |
| 421023.29 | 3764310.49 | 2.04184 | 421043.29 | 3764310.49 | 1.99317 |
| 421063.29 | 3764310.49 | 1.93730 | 421083.29 | 3764310.49 | 1.88072 |

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|---|---|---|---|---|---|
| 421103.29 | 3764310.49 | 1.83531 | 421123.29 | 3764310.49 | 1.79552 |
| 421143.29 | 3764310.49 | 1.75536 | 421163.29 | 3764310.49 | 1.71607 |
| 421183.29 | 3764310.49 | 1.67761 | 421203.29 | 3764310.49 | 1.64010 |
| 421223.29 | 3764310.49 | 1.60442 | 421243.29 | 3764310.49 | 1.56720 |
| 421263.29 | 3764310.49 | 1.53307 | 421283.29 | 3764310.49 | 1.49769 |
| 421303.29 | 3764310.49 | 1.46454 | 420760.72 | 3764339.50 | 2.19872 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 2.17107 | 420880.72 | 3764339.50 | 2.15100 |
| 420920.72 | 3764339.50 | 2.09699 | 420980.72 | 3764339.50 | 1.97149 |
| 420700.42 | 3764305.37 | 2.36820 | 420780.72 | 3764359.50 | 2.06639 |
| 420800.72 | 3764359.50 | 2.05923 | 420823.92 | 3764366.20 | 2.01088 |
| 420920.72 | 3764359.50 | 1.93955 | 420980.72 | 3764359.50 | 1.78170 |
| 421010.96 | 3764363.22 | 1.73838 | 421030.96 | 3764363.22 | 1.71730 |
| 421050.96 | 3764363.22 | 1.68305 | 421070.96 | 3764363.22 | 1.65248 |
| 421090.96 | 3764363.22 | 1.62117 | 421110.96 | 3764363.22 | 1.59005 |
| 421130.96 | 3764363.22 | 1.55682 | 421150.96 | 3764363.22 | 1.52402 |
| 421170.96 | 3764363.22 | 1.50306 | 421190.96 | 3764368.75 | 1.45346 |
| 421210.17 | 3764368.36 | 1.43151 | 421230.17 | 3764368.36 | 1.40755 |
| 421250.17 | 3764368.36 | 1.38124 | 421270.17 | 3764368.36 | 1.35431 |
| 421290.17 | 3764368.36 | 1.32786 | 421310.17 | 3764368.36 | 1.30090 |
| 420843.63 | 3764371.64 | 1.95476 | 420860.72 | 3764379.50 | 1.88853 |
| 420880.72 | 3764379.50 | 1.80312 | 420898.39 | 3764385.33 | 1.73304 |
| 420980.72 | 3764379.50 | 1.63744 | 420760.72 | 3764399.50 | 1.83280 |
| 420780.72 | 3764399.50 | 1.83509 | 420920.72 | 3764399.50 | 1.63461 |
| 420940.72 | 3764399.50 | 1.62729 | 420980.72 | 3764399.50 | 1.49411 |
| 420746.30 | 3764412.53 | 1.75542 | 420780.72 | 3764419.50 | 1.71503 |
| 420820.72 | 3764419.50 | 1.73815 | 420840.72 | 3764419.50 | 1.71586 |
| 420940.72 | 3764419.50 | 1.50286 | 420980.72 | 3764419.50 | 1.38066 |
| 421013.06 | 3764405.83 | 1.38580 | 421033.06 | 3764405.83 | 1.34619 |
| 421053.06 | 3764405.83 | 1.32190 | 421073.06 | 3764405.83 | 1.29814 |
| 421093.06 | 3764405.83 | 1.27237 | 421113.06 | 3764405.83 | 1.24612 |
| 421133.06 | 3764405.83 | 1.21729 | 421160.72 | 3764419.50 | 1.11149 |
| 421180.72 | 3764419.50 | 1.10933 | 421220.72 | 3764419.50 | 1.23467 |
| 421233.28 | 3764408.34 | 1.27256 | 421253.28 | 3764408.34 | 1.25375 |
| 421273.28 | 3764408.34 | 1.24050 | 421293.28 | 3764408.34 | 1.22150 |
| 420746.30 | 3764432.53 | 1.64424 | 420780.72 | 3764439.50 | 1.60581 |
| 420820.72 | 3764439.50 | 1.63428 | 420860.72 | 3764439.50 | 1.54437 |
| 420880.72 | 3764439.50 | 1.52114 | 420940.72 | 3764439.50 | 1.40981 |
| 420980.72 | 3764439.50 | 1.28489 | 420994.21 | 3764452.98 | 1.20553 |
| 421014.21 | 3764452.98 | 1.17513 | 421034.21 | 3764452.98 | 1.14580 |
| 421054.21 | 3764452.98 | 1.12222 | 421074.21 | 3764452.98 | 1.10413 |

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|---|---|---|---|---|---|
| 421094.21 | 3764452.98 | 1.08839 | 421114.21 | 3764452.98 | 1.06779 |
| 421134.21 | 3764452.98 | 1.04043 | 421180.72 | 3764439.50 | 1.02956 |
| 421220.72 | 3764439.50 | 1.17052 | 420737.00 | 3764452.99 | 1.52892 |
| 420780.72 | 3764459.50 | 1.51746 | 420820.72 | 3764459.50 | 1.51360 |
| 420920.72 | 3764459.50 | 1.31185 | 421134.21 | 3764472.98 | 0.94721 |
| 421180.72 | 3764459.50 | 0.95587 | 421200.72 | 3764459.50 | 0.94521 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 1.14053 | 421252.35 | 3764459.04 | 1.13067 |
| 421293.28 | 3764448.34 | 1.13758 | 420737.00 | 3764472.99 | 1.43767 |
| 420820.72 | 3764479.50 | 1.39977 | 420871.79 | 3764475.04 | 1.23707 |
| 420920.72 | 3764479.50 | 1.19729 | 421180.72 | 3764479.50 | 0.88938 |
| 421200.72 | 3764479.50 | 0.86713 | 421260.72 | 3764479.50 | 1.06720 |
| 421280.72 | 3764479.50 | 1.08174 | 420737.00 | 3764492.99 | 1.35719 |
| 420767.69 | 3764492.53 | 1.35637 | 420820.72 | 3764499.50 | 1.31550 |
| 420871.79 | 3764495.04 | 1.11871 | 420920.72 | 3764499.50 | 1.10350 |
| 421114.21 | 3764512.98 | 0.73324 | 421134.21 | 3764512.98 | 0.75341 |
| 421200.72 | 3764499.50 | 0.81193 | 421280.72 | 3764499.50 | 1.04428 |
| 420730.48 | 3764507.70 | 1.31075 | 420767.69 | 3764512.53 | 1.27848 |
| 420820.72 | 3764519.50 | 1.22011 | 420871.79 | 3764515.04 | 1.01539 |
| 420920.72 | 3764519.50 | 0.97546 | 421000.26 | 3764522.29 | 0.65860 |
| 421020.26 | 3764522.29 | 0.65120 | 421040.26 | 3764522.29 | 0.66074 |
| 421060.26 | 3764522.29 | 0.67319 | 421080.26 | 3764522.29 | 0.68813 |
| 421200.72 | 3764519.50 | 0.77088 | 421280.72 | 3764519.50 | 1.00821 |
| 420730.48 | 3764527.70 | 1.25092 | 420767.69 | 3764532.53 | 1.20185 |
| 420820.72 | 3764539.50 | 1.12932 | 420860.72 | 3764539.50 | 0.93521 |
| 420920.72 | 3764539.50 | 0.87135 | 420980.72 | 3764539.50 | 0.61592 |
| 421160.72 | 3764539.50 | 0.72652 | 421180.72 | 3764539.50 | 0.73726 |
| 421280.72 | 3764539.50 | 0.97398 | 420860.72 | 3764559.50 | 0.85440 |
| 420909.07 | 3764562.58 | 0.82090 | 420980.72 | 3764559.50 | 0.58977 |
| 421040.72 | 3764559.50 | 0.59743 | 421080.72 | 3764559.50 | 0.63777 |
| 421100.72 | 3764559.50 | 0.64804 | 421120.72 | 3764559.50 | 0.66063 |
| 421140.72 | 3764559.50 | 0.67288 | 421160.72 | 3764559.50 | 0.68586 |
| 420960.72 | 3764579.50 | 0.58693 | 421020.72 | 3764579.50 | 0.57087 |
| 420680.84 | 3764330.64 | 2.13913 | 420720.84 | 3764330.64 | 2.20915 |
| 420660.84 | 3764350.64 | 1.97703 | 420692.00 | 3764425.97 | 1.66000 |
| 420720.84 | 3764350.64 | 2.10337 | 420660.84 | 3764370.64 | 1.83303 |
| 420700.84 | 3764370.64 | 1.92722 | 420700.84 | 3764390.64 | 1.82348 |
| 420700.84 | 3764410.64 | 1.73539 | 420680.84 | 3764450.64 | 1.48452 |
| 420680.84 | 3764470.64 | 1.40625 | 420680.84 | 3764490.64 | 1.33566 |
| 420101.08 | 3763674.83 | 2.01247 | 420083.47 | 3763665.61 | 1.92501 |
| 420070.89 | 3763688.25 | 1.86515 | 420083.05 | 3763697.47 | 1.92044 |

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|---|---|---|---|---|---|
| 420043.64 | 3763644.22 | 1.74780 | 420057.47 | 3763625.35 | 1.80255 |
| 420067.12 | 3763611.93 | 1.84093 | 420079.70 | 3763600.61 | 1.89364 |
| 420101.50 | 3763588.45 | 1.99267 | 420107.79 | 3763573.35 | 2.01559 |
| 420119.53 | 3763558.68 | 2.06591 | 420130.02 | 3763541.07 | 2.10677 |
| 420141.76 | 3763528.91 | 2.15903 | 420177.06 | 3763505.07 | 2.33746 |
| 420182.52 | 3763490.53 | 2.34970 | 420189.79 | 3763470.23 | 2.36221 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 2.43475 | 420211.91 | 3763443.87 | 2.45315 |
| 420221.30 | 3763427.51 | 2.47915 | 420233.11 | 3763414.79 | 2.52734 |
| 420187.06 | 3763375.10 | 2.13845 | 420174.04 | 3763398.73 | 2.16522 |
| 420159.80 | 3763419.94 | 2.11136 | 420144.65 | 3763435.69 | 2.03859 |
| 420157.37 | 3763449.33 | 2.11980 | 420203.21 | 3763366.33 | 2.23650 |
| 420212.30 | 3763349.37 | 2.24935 | 420110.79 | 3763789.57 | 1.82341 |
| 420095.76 | 3763777.27 | 1.76879 | 420082.79 | 3763760.88 | 1.76230 |
| 420069.13 | 3763754.06 | 1.69328 | 420054.11 | 3763743.13 | 1.62502 |
| 420101.91 | 3763822.34 | 1.76838 | 420083.47 | 3763829.85 | 1.66493 |
| 420062.30 | 3763818.25 | 1.59663 | 420054.11 | 3763806.64 | 1.57695 |
| 420037.04 | 3763795.71 | 1.52686 | 420087.94 | 3763866.45 | 1.66499 |
| 420066.97 | 3763858.48 | 1.58688 | 420049.36 | 3763847.57 | 1.53781 |
| 420032.58 | 3763850.93 | 1.48563 | 420490.31 | 3764285.91 | 1.93531 |
| 420510.31 | 3764285.91 | 2.01427 | 420530.31 | 3764285.91 | 2.09008 |
| 420550.31 | 3764285.91 | 2.17489 | 420570.31 | 3764285.91 | 2.23196 |
| 420590.31 | 3764285.91 | 2.28171 | 420610.31 | 3764285.91 | 2.32712 |
| 420390.31 | 3764305.91 | 1.59568 | 420410.31 | 3764305.91 | 1.64165 |
| 420430.31 | 3764305.91 | 1.69264 | 420450.31 | 3764305.91 | 1.73691 |
| 420470.31 | 3764305.91 | 1.78180 | 420490.31 | 3764305.91 | 1.82772 |
| 420510.31 | 3764305.91 | 1.87603 | 420530.31 | 3764305.91 | 1.94323 |
| 420550.31 | 3764305.91 | 2.02234 | 420570.31 | 3764305.91 | 2.09603 |
| 420590.31 | 3764305.91 | 2.14350 | 420610.31 | 3764305.91 | 2.16324 |
| 420390.31 | 3764325.91 | 1.52241 | 420410.31 | 3764325.91 | 1.56359 |
| 420430.31 | 3764325.91 | 1.61367 | 420450.31 | 3764325.91 | 1.65145 |
| 420470.31 | 3764325.91 | 1.69467 | 420490.31 | 3764325.91 | 1.73654 |
| 420510.31 | 3764325.91 | 1.77635 | 420530.31 | 3764325.91 | 1.81634 |
| 420550.31 | 3764325.91 | 1.88887 | 420570.31 | 3764325.91 | 1.95791 |
| 420590.31 | 3764325.91 | 1.99604 | 420410.31 | 3764345.91 | 1.50142 |
| 420430.31 | 3764345.91 | 1.53593 | 420450.31 | 3764345.91 | 1.56532 |
| 420470.31 | 3764345.91 | 1.59995 | 420490.31 | 3764345.91 | 1.64451 |
| 420510.31 | 3764345.91 | 1.69191 | 420530.31 | 3764345.91 | 1.72808 |
| 420550.31 | 3764345.91 | 1.77036 | 420570.31 | 3764345.91 | 1.83377 |
| 420430.31 | 3764365.91 | 1.46811 | 420450.31 | 3764365.91 | 1.49484 |
| 420470.31 | 3764365.91 | 1.52310 | 420490.31 | 3764365.91 | 1.56058 |

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|---|---|---|---|---|---|
| 420510.31 | 3764365.91 | 1.60518 | 420530.31 | 3764365.91 | 1.64745 |
| 420550.31 | 3764365.91 | 1.68218 | 420570.31 | 3764365.91 | 1.71074 |
| 420450.31 | 3764385.91 | 1.43562 | 420470.31 | 3764385.91 | 1.45890 |
| 420490.31 | 3764385.91 | 1.48470 | 420510.31 | 3764385.91 | 1.51965 |
| 420530.31 | 3764385.91 | 1.57173 | 420550.31 | 3764385.91 | 1.60151 |
| 420470.31 | 3764405.91 | 1.39803 | 420490.31 | 3764405.91 | 1.42300 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 1.45191 | 420530.31 | 3764405.91 | 1.48932 |
| 420490.31 | 3764425.91 | 1.35993 | 420510.31 | 3764425.91 | 1.38054 |
| 420504.61 | 3764167.94 | 2.93591 | 420511.08 | 3764158.02 | 3.07528 |
| 420524.44 | 3764147.67 | 3.27441 | 420535.23 | 3764136.03 | 3.48110 |
| 420493.83 | 3764108.43 | 3.46646 | 420483.05 | 3764124.38 | 3.20409 |
| 420469.25 | 3764140.34 | 2.95103 | 420454.16 | 3764160.60 | 2.69213 |
| 420443.38 | 3764173.11 | 2.54184 | 420427.85 | 3764193.38 | 2.32049 |
| 420417.51 | 3764210.62 | 2.15748 | 420405.86 | 3764224.42 | 2.00793 |
| 420389.91 | 3764241.24 | 1.85860 | 420379.13 | 3764258.92 | 1.74672 |
| 420362.74 | 3764275.31 | 1.64149 | 420351.10 | 3764286.95 | 1.56863 |
| 420518.84 | 3764071.76 | 4.21287 | 420534.99 | 3764080.89 | 4.25442 |
| 420548.34 | 3764092.83 | 4.20862 | 420571.51 | 3764110.38 | 4.12481 |
| 420591.17 | 3764123.02 | 4.11014 | 420605.91 | 3764135.66 | 4.01614 |
| 420622.06 | 3764145.49 | 3.97253 | 420640.32 | 3764160.23 | 3.85194 |
| 420614.34 | 3764193.23 | 3.25884 | 420580.63 | 3764167.96 | 3.37817 |
| 420565.89 | 3764182.00 | 3.14557 | 420553.95 | 3764191.13 | 2.98990 |
| 420597.49 | 3764203.77 | 3.06018 | 420591.87 | 3764223.43 | 2.84297 |
| 420539.91 | 3764200.26 | 2.82270 | 420606.61 | 3764240.98 | 2.73270 |
| 420629.08 | 3764250.81 | 2.71410 | 420648.74 | 3764238.87 | 2.88087 |
| 420651.55 | 3764222.73 | 3.06162 | 420660.68 | 3764207.98 | 3.26621 |
| 420667.00 | 3764195.34 | 3.45670 | 420681.74 | 3764181.30 | 3.72957 |
| 420712.64 | 3764215.70 | 3.31561 | 420695.09 | 3764229.75 | 3.08798 |
| 420732.30 | 3764227.64 | 3.20261 | 420747.05 | 3764238.17 | 3.09679 |
| 420767.41 | 3764245.19 | 3.03477 | 420681.04 | 3764247.30 | 2.85059 |
| 420668.40 | 3764264.85 | 2.63971 | 420655.06 | 3764283.11 | 2.44392 |
| 420641.02 | 3764297.86 | 2.29996 | 420638.21 | 3764314.71 | 2.18174 |
| 420629.08 | 3764330.86 | 2.05171 | 420619.25 | 3764349.11 | 1.91409 |
| 420605.91 | 3764381.41 | 1.68536 | 420599.59 | 3764395.46 | 1.61839 |
| 420572.91 | 3764397.56 | 1.57401 | 420563.78 | 3764415.82 | 1.49032 |
| 420537.80 | 3764434.78 | 1.36306 | 420556.76 | 3764436.18 | 1.36788 |
| 420575.72 | 3764441.10 | 1.35167 | 420589.76 | 3764450.93 | 1.33385 |
| 420638.21 | 3764481.82 | 1.29716 | 420641.02 | 3764463.56 | 1.37359 |
| 420648.74 | 3764446.01 | 1.44876 | 420652.96 | 3764423.54 | 1.55098 |
| 420652.96 | 3764410.90 | 1.60931 | 420650.85 | 3764387.03 | 1.74191 |

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|---|---|---|---|---|---|
| 420295.36 | 3764152.91 | 1.87362 | 420331.87 | 3764188.02 | 1.88380 |
| 420353.64 | 3764208.38 | 1.86535 | 420339.59 | 3764226.64 | 1.74960 |
| 420327.66 | 3764237.87 | 1.67091 | 420317.83 | 3764252.62 | 1.59638 |
| 420300.27 | 3764231.55 | 1.60975 | 420285.53 | 3764216.81 | 1.61444 |
| 420271.48 | 3764206.28 | 1.59903 | 420260.25 | 3764195.04 | 1.59722 |
| 420283.42 | 3764171.17 | 1.76957 | 420268.56 | 3763810.41 | 3.22841 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 2.73067 | 420470.31 | 3764185.91 | 2.57630 |
| 420490.31 | 3764185.91 | 2.68168 | 420450.31 | 3764205.91 | 2.34550 |
| 420470.31 | 3764205.91 | 2.43154 | 420490.31 | 3764205.91 | 2.51990 |
| 420510.31 | 3764205.91 | 2.61650 | 420530.31 | 3764205.91 | 2.72792 |
| 420430.31 | 3764225.91 | 2.11663 | 420450.31 | 3764225.91 | 2.20472 |
| 420470.31 | 3764225.91 | 2.29177 | 420490.31 | 3764225.91 | 2.37587 |
| 420510.31 | 3764225.91 | 2.45723 | 420530.31 | 3764225.91 | 2.54445 |
| 420550.31 | 3764225.91 | 2.62420 | 420410.31 | 3764245.91 | 1.90259 |
| 420430.31 | 3764245.91 | 1.99892 | 420450.31 | 3764245.91 | 2.07455 |
| 420470.31 | 3764245.91 | 2.14921 | 420490.31 | 3764245.91 | 2.22978 |
| 420510.31 | 3764245.91 | 2.31245 | 420530.31 | 3764245.91 | 2.38863 |
| 420550.31 | 3764245.91 | 2.45835 | 420570.31 | 3764245.91 | 2.54129 |
| 420410.31 | 3764265.91 | 1.81076 | 420430.31 | 3764265.91 | 1.88403 |
| 420450.31 | 3764265.91 | 1.95426 | 420470.31 | 3764265.91 | 2.01903 |
| 420490.31 | 3764265.91 | 2.08690 | 420510.31 | 3764265.91 | 2.15420 |
| 420530.31 | 3764265.91 | 2.24992 | 420550.31 | 3764265.91 | 2.31190 |
| 420570.31 | 3764265.91 | 2.37307 | 420590.31 | 3764265.91 | 2.43866 |
| 420610.31 | 3764265.91 | 2.51344 | 420390.31 | 3764285.91 | 1.67253 |
| 420410.31 | 3764285.91 | 1.72425 | 420430.31 | 3764285.91 | 1.77641 |
| 420450.31 | 3764285.91 | 1.82912 | 420470.31 | 3764285.91 | 1.87717 |
| 420162.22 | 3763820.99 | 2.02557 | 420180.57 | 3763830.04 | 2.10340 |
| 420200.57 | 3763830.04 | 2.22709 | 420200.57 | 3763850.04 | 2.19024 |
| 420220.57 | 3763850.04 | 2.32135 | 420240.57 | 3763850.04 | 2.48040 |
| 420160.57 | 3763870.04 | 1.91450 | 420180.57 | 3763870.04 | 2.02431 |
| 420220.57 | 3763870.04 | 2.26992 | 420240.57 | 3763870.04 | 2.40806 |
| 420260.57 | 3763870.04 | 2.57720 | 420160.57 | 3763890.04 | 1.87142 |
| 420200.57 | 3763890.04 | 2.09239 | 420260.57 | 3763890.04 | 2.50694 |
| 420280.57 | 3763890.04 | 2.66214 | 420140.57 | 3763910.04 | 1.74961 |
| 420200.57 | 3763910.04 | 2.02734 | 420220.57 | 3763910.04 | 2.16085 |
| 420280.57 | 3763910.04 | 2.59078 | 420300.57 | 3763910.04 | 2.75849 |
| 420160.57 | 3763930.04 | 1.78168 | 420180.57 | 3763930.04 | 1.86515 |
| 420220.57 | 3763930.04 | 2.08888 | 420240.57 | 3763930.04 | 2.21254 |
| 420260.57 | 3763930.04 | 2.36337 | 420320.57 | 3763930.04 | 2.83748 |
| 420340.57 | 3763930.04 | 3.03618 | 420120.57 | 3763950.04 | 1.58023 |

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|---|---|---|---|---|---|
| 420140.57 | 3763950.04 | 1.65229 | 420200.57 | 3763950.04 | 1.91744 |
| 420220.57 | 3763950.04 | 2.01666 | 420260.57 | 3763950.04 | 2.27025 |
| 420280.57 | 3763950.04 | 2.41853 | 420340.57 | 3763950.04 | 2.91788 |
| 420360.57 | 3763950.04 | 3.12639 | 420120.57 | 3763970.04 | 1.53975 |
| 420140.57 | 3763970.04 | 1.60724 | 420160.57 | 3763970.04 | 1.69442 |
| 420240.57 | 3763970.04 | 2.06151 | 420300.57 | 3763970.04 | 2.47251 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 2.79337 | 420360.57 | 3763970.04 | 2.98538 |
| 420100.57 | 3763990.04 | 1.44766 | 420120.57 | 3763990.04 | 1.50407 |
| 420160.57 | 3763990.04 | 1.64227 | 420180.57 | 3763990.04 | 1.73240 |
| 420240.57 | 3763990.04 | 2.00051 | 420260.57 | 3763990.04 | 2.09874 |
| 420280.57 | 3763990.04 | 2.22398 | 420340.57 | 3763990.04 | 2.67190 |
| 420120.57 | 3764010.04 | 1.46864 | 420140.57 | 3764010.04 | 1.52859 |
| 420160.57 | 3764010.04 | 1.60822 | 420200.57 | 3764010.04 | 1.76425 |
| 420220.57 | 3764010.04 | 1.84721 | 420280.57 | 3764010.04 | 2.14920 |
| 420320.57 | 3764010.04 | 2.40407 | 420400.57 | 3764010.04 | 3.03012 |
| 420420.57 | 3764010.04 | 3.22565 | 420440.57 | 3764010.04 | 3.43700 |
| 420180.57 | 3764030.04 | 1.63220 | 420200.57 | 3764030.04 | 1.70039 |
| 420240.57 | 3764030.04 | 1.87812 | 420300.57 | 3764030.04 | 2.19231 |
| 420320.57 | 3764030.04 | 2.30297 | 420400.57 | 3764030.04 | 2.86266 |
| 420440.57 | 3764030.04 | 3.22922 | 420460.57 | 3764030.04 | 3.44406 |
| 420180.57 | 3764050.04 | 1.57273 | 420200.57 | 3764050.04 | 1.63912 |
| 420240.57 | 3764050.04 | 1.80311 | 420280.57 | 3764050.04 | 1.99670 |
| 420380.57 | 3764050.04 | 2.55841 | 420480.57 | 3764050.04 | 3.41435 |
| 420200.57 | 3764070.04 | 1.58972 | 420220.57 | 3764070.04 | 1.66817 |
| 420260.57 | 3764070.04 | 1.83005 | 420280.57 | 3764070.04 | 1.90816 |
| 420360.57 | 3764070.04 | 2.31773 | 420420.57 | 3764070.04 | 2.70627 |
| 420440.57 | 3764070.04 | 2.85258 | 420260.57 | 3764090.04 | 1.75470 |
| 420340.57 | 3764090.04 | 2.10177 | 420400.57 | 3764090.04 | 2.43709 |
| 420420.57 | 3764090.04 | 2.55164 | 420440.57 | 3764090.04 | 2.68556 |
| 420460.57 | 3764090.04 | 2.84397 | 420260.57 | 3764110.04 | 1.67743 |
| 420340.57 | 3764110.04 | 2.00511 | 420400.57 | 3764110.04 | 2.30118 |
| 420420.57 | 3764110.04 | 2.41516 | 420440.57 | 3764110.04 | 2.54120 |
| 420320.57 | 3764130.04 | 1.82538 | 420380.57 | 3764130.04 | 2.09004 |
| 420400.57 | 3764130.04 | 2.18304 | 420420.57 | 3764130.04 | 2.29261 |
| 420360.57 | 3764150.04 | 1.90886 | 420400.57 | 3764150.04 | 2.07423 |
| 420340.57 | 3764170.04 | 1.74730 | 420380.57 | 3764170.04 | 1.89008 |
| 420400.57 | 3764170.04 | 1.97433 | 420380.57 | 3764190.04 | 1.80178 |
| 420714.65 | 3764272.44 | 2.28671 | 420734.65 | 3764284.40 | 2.21357 |
| 420754.65 | 3764284.40 | 2.23877 | 420280.59 | 3763433.11 | 2.86129 |
| 420260.59 | 3763453.11 | 2.74733 | 420260.59 | 3763473.11 | 2.80395 |

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|---|---|---|---|---|---|
| 420233.62 | 3763487.75 | 2.66921 | 420253.62 | 3763507.75 | 2.87240 |
| 420200.59 | 3763533.11 | 2.46720 | 420223.55 | 3763541.34 | 2.65173 |
| 420240.59 | 3763533.11 | 2.78848 | 420179.16 | 3763563.83 | 2.32758 |
| 420200.59 | 3763573.11 | 2.47898 | 420234.64 | 3763578.58 | 2.77423 |
| 420200.59 | 3763593.11 | 2.48523 | 420160.59 | 3763613.11 | 2.21209 |
| 420138.25 | 3763640.23 | 2.06627 | 420200.59 | 3763613.11 | 2.49301 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 2.33636 | 420172.25 | 3763655.96 | 2.26953 |
| 420160.59 | 3763673.11 | 2.18846 | 420160.59 | 3763693.11 | 2.18044 |
| 420092.84 | 3763719.31 | 1.79095 | 420140.59 | 3763713.11 | 2.04513 |
| 420120.59 | 3763733.11 | 1.92336 | 420804.93 | 3764263.30 | 2.43220 |
| 420820.93 | 3764270.66 | 2.36530 | 420839.88 | 3764276.55 | 2.30795 |
| 420860.72 | 3764279.50 | 2.26095 | 420880.72 | 3764279.50 | 2.23872 |
| 420892.72 | 3764288.76 | 2.13221 | 420900.72 | 3764299.50 | 2.06181 |
| 420920.72 | 3764299.50 | 2.04799 | 420980.72 | 3764299.50 | 1.98399 |
| 420740.72 | 3764319.50 | 1.97600 | 420780.72 | 3764319.50 | 1.99637 |
| 420800.72 | 3764319.50 | 1.98849 | 420820.72 | 3764319.50 | 1.98498 |
| 420840.72 | 3764319.50 | 1.97781 | 420940.72 | 3764319.50 | 1.88757 |
| 420980.72 | 3764319.50 | 1.84130 | 421003.29 | 3764310.49 | 1.86138 |
| 421023.29 | 3764310.49 | 1.80392 | 421043.29 | 3764310.49 | 1.77435 |
| 421063.29 | 3764310.49 | 1.74247 | 421083.29 | 3764310.49 | 1.71134 |
| 421103.29 | 3764310.49 | 1.68237 | 421123.29 | 3764310.49 | 1.65526 |
| 421143.29 | 3764310.49 | 1.62726 | 421163.29 | 3764310.49 | 1.59939 |
| 421183.29 | 3764310.49 | 1.57170 | 421203.29 | 3764310.49 | 1.54557 |
| 421223.29 | 3764310.49 | 1.52260 | 421243.29 | 3764310.49 | 1.49646 |
| 421263.29 | 3764310.49 | 1.47049 | 421283.29 | 3764310.49 | 1.44512 |
| 421303.29 | 3764310.49 | 1.42071 | 420760.72 | 3764339.50 | 1.87072 |
| 420860.72 | 3764339.50 | 1.85035 | 420880.72 | 3764339.50 | 1.83651 |
| 420920.72 | 3764339.50 | 1.80024 | 420980.72 | 3764339.50 | 1.71127 |
| 420700.42 | 3764305.37 | 1.99382 | 420780.72 | 3764359.50 | 1.75127 |
| 420800.72 | 3764359.50 | 1.74806 | 420823.92 | 3764366.20 | 1.70867 |
| 420920.72 | 3764359.50 | 1.66649 | 420980.72 | 3764359.50 | 1.57987 |
| 421010.96 | 3764363.22 | 1.55217 | 421030.96 | 3764363.22 | 1.53611 |
| 421050.96 | 3764363.22 | 1.51281 | 421070.96 | 3764363.22 | 1.49004 |
| 421090.96 | 3764363.22 | 1.46611 | 421110.96 | 3764363.22 | 1.44269 |
| 421130.96 | 3764363.22 | 1.41648 | 421150.96 | 3764363.22 | 1.39104 |
| 421170.96 | 3764363.22 | 1.38217 | 421190.96 | 3764368.75 | 1.33959 |
| 421210.17 | 3764368.36 | 1.32753 | 421230.17 | 3764368.36 | 1.31402 |
| 421250.17 | 3764368.36 | 1.29673 | 421270.17 | 3764368.36 | 1.27811 |
| 421290.17 | 3764368.36 | 1.26037 | 421310.17 | 3764368.36 | 1.24339 |
| 420843.63 | 3764371.64 | 1.66610 | 420860.72 | 3764379.50 | 1.61130 |

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|---|---|---|---|---|---|
| 420880.72 | 3764379.50 | 1.57889 | 420898.39 | 3764385.33 | 1.52048 |
| 420980.72 | 3764379.50 | 1.42944 | 420760.72 | 3764399.50 | 1.55537 |
| 420780.72 | 3764399.50 | 1.55798 | 420920.72 | 3764399.50 | 1.42954 |
| 420940.72 | 3764399.50 | 1.42871 | 420980.72 | 3764399.50 | 1.28365 |
| 420746.30 | 3764412.53 | 1.49113 | 420780.72 | 3764419.50 | 1.45818 |
| 420820.72 | 3764419.50 | 1.47893 | 420840.72 | 3764419.50 | 1.46632 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 1.30279 | 420980.72 | 3764419.50 | 1.16921 |
| 421013.06 | 3764405.83 | 1.17369 | 421033.06 | 3764405.83 | 1.14148 |
| 421053.06 | 3764405.83 | 1.12535 | 421073.06 | 3764405.83 | 1.11041 |
| 421093.06 | 3764405.83 | 1.09443 | 421113.06 | 3764405.83 | 1.07813 |
| 421133.06 | 3764405.83 | 1.05971 | 421160.72 | 3764419.50 | 0.97767 |
| 421180.72 | 3764419.50 | 0.97884 | 421220.72 | 3764419.50 | 1.11663 |
| 421233.28 | 3764408.34 | 1.16775 | 421253.28 | 3764408.34 | 1.15759 |
| 421273.28 | 3764408.34 | 1.15455 | 421293.28 | 3764408.34 | 1.14380 |
| 420746.30 | 3764432.53 | 1.40123 | 420780.72 | 3764439.50 | 1.37849 |
| 420820.72 | 3764439.50 | 1.39537 | 420860.72 | 3764439.50 | 1.35678 |
| 420880.72 | 3764439.50 | 1.33512 | 420940.72 | 3764439.50 | 1.21612 |
| 420980.72 | 3764439.50 | 1.08103 | 420994.21 | 3764452.98 | 1.01782 |
| 421014.21 | 3764452.98 | 0.99827 | 421034.21 | 3764452.98 | 0.97919 |
| 421054.21 | 3764452.98 | 0.96386 | 421074.21 | 3764452.98 | 0.95233 |
| 421094.21 | 3764452.98 | 0.94248 | 421114.21 | 3764452.98 | 0.92898 |
| 421134.21 | 3764452.98 | 0.91016 | 421180.72 | 3764439.50 | 0.91004 |
| 421220.72 | 3764439.50 | 1.04773 | 420737.00 | 3764452.99 | 1.32058 |
| 420780.72 | 3764459.50 | 1.30950 | 420820.72 | 3764459.50 | 1.30908 |
| 420920.72 | 3764459.50 | 1.11481 | 421134.21 | 3764472.98 | 0.83305 |
| 421180.72 | 3764459.50 | 0.84655 | 421200.72 | 3764459.50 | 0.83989 |
| 421233.28 | 3764448.34 | 1.02257 | 421252.35 | 3764459.04 | 1.02953 |
| 421293.28 | 3764448.34 | 1.05680 | 420737.00 | 3764472.99 | 1.25353 |
| 420820.72 | 3764479.50 | 1.22648 | 420871.79 | 3764475.04 | 1.03302 |
| 420920.72 | 3764479.50 | 1.00172 | 421180.72 | 3764479.50 | 0.78906 |
| 421200.72 | 3764479.50 | 0.77196 | 421260.72 | 3764479.50 | 0.96393 |
| 421280.72 | 3764479.50 | 0.99431 | 420737.00 | 3764492.99 | 1.18828 |
| 420767.69 | 3764492.53 | 1.18559 | 420820.72 | 3764499.50 | 1.14488 |
| 420871.79 | 3764495.04 | 0.93828 | 420920.72 | 3764499.50 | 0.92759 |
| 421114.21 | 3764512.98 | 0.64890 | 421134.21 | 3764512.98 | 0.66753 |
| 421200.72 | 3764499.50 | 0.72335 | 421280.72 | 3764499.50 | 0.95670 |
| 420730.48 | 3764507.70 | 1.14723 | 420767.69 | 3764512.53 | 1.11127 |
| 420820.72 | 3764519.50 | 1.04995 | 420871.79 | 3764515.04 | 0.86168 |
| 420920.72 | 3764519.50 | 0.83353 | 421000.26 | 3764522.29 | 0.58060 |
| 421020.26 | 3764522.29 | 0.57486 | 421040.26 | 3764522.29 | 0.58357 |

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|---|---|---|---|---|---|
| 421060.26 | 3764522.29 | 0.59490 | 421080.26 | 3764522.29 | 0.60850 |
| 421200.72 | 3764519.50 | 0.68715 | 421280.72 | 3764519.50 | 0.92065 |
| 420730.48 | 3764527.70 | 1.09355 | 420767.69 | 3764532.53 | 1.03676 |
| 420820.72 | 3764539.50 | 0.96036 | 420860.72 | 3764539.50 | 0.79888 |
| 420920.72 | 3764539.50 | 0.75322 | 420980.72 | 3764539.50 | 0.54394 |
| 421160.72 | 3764539.50 | 0.64574 | 421180.72 | 3764539.50 | 0.65627 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 0.88670 | 420860.72 | 3764559.50 | 0.73634 |
| 420909.07 | 3764562.58 | 0.71155 | 420980.72 | 3764559.50 | 0.52164 |
| 421040.72 | 3764559.50 | 0.52939 | 421080.72 | 3764559.50 | 0.56530 |
| 421100.72 | 3764559.50 | 0.57489 | 421120.72 | 3764559.50 | 0.58656 |
| 421140.72 | 3764559.50 | 0.59805 | 421160.72 | 3764559.50 | 0.61031 |
| 420960.72 | 3764579.50 | 0.51873 | 421020.72 | 3764579.50 | 0.50620 |
| 420680.84 | 3764330.64 | 1.80329 | 420720.84 | 3764330.64 | 1.86563 |
| 420660.84 | 3764350.64 | 1.67785 | 420692.00 | 3764425.97 | 1.40752 |
| 420720.84 | 3764350.64 | 1.77830 | 420660.84 | 3764370.64 | 1.57754 |
| 420700.84 | 3764370.64 | 1.63107 | 420700.84 | 3764390.64 | 1.54408 |
| 420700.84 | 3764410.64 | 1.47322 | 420680.84 | 3764450.64 | 1.29810 |
| 420680.84 | 3764470.64 | 1.22821 | 420680.84 | 3764490.64 | 1.16379 |
| 420101.08 | 3763674.83 | 1.86470 | 420083.47 | 3763665.61 | 1.78720 |
| 420070.89 | 3763688.25 | 1.72155 | 420083.05 | 3763697.47 | 1.76576 |
| 420043.64 | 3763644.22 | 1.62245 | 420057.47 | 3763625.35 | 1.68168 |
| 420067.12 | 3763611.93 | 1.72230 | 420079.70 | 3763600.61 | 1.77720 |
| 420101.50 | 3763588.45 | 1.88299 | 420107.79 | 3763573.35 | 1.91144 |
| 420119.53 | 3763558.68 | 1.97050 | 420130.02 | 3763541.07 | 2.01932 |
| 420141.76 | 3763528.91 | 2.08037 | 420177.06 | 3763505.07 | 2.28343 |
| 420182.52 | 3763490.53 | 2.30516 | 420189.79 | 3763470.23 | 2.33488 |
| 420205.24 | 3763456.30 | 2.38384 | 420211.91 | 3763443.87 | 2.39952 |
| 420221.30 | 3763427.51 | 2.41919 | 420233.11 | 3763414.79 | 2.46725 |
| 420187.06 | 3763375.10 | 2.21898 | 420174.04 | 3763398.73 | 2.15634 |
| 420159.80 | 3763419.94 | 2.06417 | 420144.65 | 3763435.69 | 1.98254 |
| 420157.37 | 3763449.33 | 2.08177 | 420203.21 | 3763366.33 | 2.28598 |
| 420212.30 | 3763349.37 | 2.30327 | 420110.79 | 3763789.57 | 1.66953 |
| 420095.76 | 3763777.27 | 1.62459 | 420082.79 | 3763760.88 | 1.62391 |
| 420069.13 | 3763754.06 | 1.56323 | 420054.11 | 3763743.13 | 1.50485 |
| 420101.91 | 3763822.34 | 1.61093 | 420083.47 | 3763829.85 | 1.51685 |
| 420062.30 | 3763818.25 | 1.45929 | 420054.11 | 3763806.64 | 1.44470 |
| 420037.04 | 3763795.71 | 1.40255 | 420087.94 | 3763866.45 | 1.50803 |
| 420066.97 | 3763858.48 | 1.44090 | 420049.36 | 3763847.57 | 1.40006 |
| 420032.58 | 3763850.93 | 1.35308 | 420490.31 | 3764285.91 | 1.67978 |
| 420510.31 | 3764285.91 | 1.72934 | 420530.31 | 3764285.91 | 1.78080 |

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|---|---|---|---|---|---|
| 420550.31 | 3764285.91 | 1.83231 | 420570.31 | 3764285.91 | 1.87947 |
| 420590.31 | 3764285.91 | 1.92149 | 420610.31 | 3764285.91 | 1.95898 |
| 420390.31 | 3764305.91 | 1.38888 | 420410.31 | 3764305.91 | 1.42905 |
| 420430.31 | 3764305.91 | 1.47544 | 420450.31 | 3764305.91 | 1.51336 |
| 420470.31 | 3764305.91 | 1.55204 | 420490.31 | 3764305.91 | 1.59207 |
| 420510.31 | 3764305.91 | 1.63332 | 420530.31 | 3764305.91 | 1.67595 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 1.72571 | 420570.31 | 3764305.91 | 1.77045 |
| 420590.31 | 3764305.91 | 1.80582 | 420610.31 | 3764305.91 | 1.83170 |
| 420390.31 | 3764325.91 | 1.32301 | 420410.31 | 3764325.91 | 1.35861 |
| 420430.31 | 3764325.91 | 1.40506 | 420450.31 | 3764325.91 | 1.43656 |
| 420470.31 | 3764325.91 | 1.47487 | 420490.31 | 3764325.91 | 1.51169 |
| 420510.31 | 3764325.91 | 1.54610 | 420530.31 | 3764325.91 | 1.58106 |
| 420550.31 | 3764325.91 | 1.62795 | 420570.31 | 3764325.91 | 1.67061 |
| 420590.31 | 3764325.91 | 1.70177 | 420410.31 | 3764345.91 | 1.30579 |
| 420430.31 | 3764345.91 | 1.33473 | 420450.31 | 3764345.91 | 1.35774 |
| 420470.31 | 3764345.91 | 1.38688 | 420490.31 | 3764345.91 | 1.42789 |
| 420510.31 | 3764345.91 | 1.47338 | 420530.31 | 3764345.91 | 1.50522 |
| 420550.31 | 3764345.91 | 1.54173 | 420570.31 | 3764345.91 | 1.57827 |
| 420430.31 | 3764365.91 | 1.27516 | 420450.31 | 3764365.91 | 1.29621 |
| 420470.31 | 3764365.91 | 1.31900 | 420490.31 | 3764365.91 | 1.35267 |
| 420510.31 | 3764365.91 | 1.39527 | 420530.31 | 3764365.91 | 1.43627 |
| 420550.31 | 3764365.91 | 1.46659 | 420570.31 | 3764365.91 | 1.49121 |
| 420450.31 | 3764385.91 | 1.24633 | 420470.31 | 3764385.91 | 1.26435 |
| 420490.31 | 3764385.91 | 1.28533 | 420510.31 | 3764385.91 | 1.31732 |
| 420530.31 | 3764385.91 | 1.37104 | 420550.31 | 3764385.91 | 1.39797 |
| 420470.31 | 3764405.91 | 1.21221 | 420490.31 | 3764405.91 | 1.23317 |
| 420510.31 | 3764405.91 | 1.25895 | 420530.31 | 3764405.91 | 1.29515 |
| 420490.31 | 3764425.91 | 1.17784 | 420510.31 | 3764425.91 | 1.19453 |
| 420504.61 | 3764167.94 | 2.46547 | 420511.08 | 3764158.02 | 2.58066 |
| 420524.44 | 3764147.67 | 2.74601 | 420535.23 | 3764136.03 | 2.91386 |
| 420493.83 | 3764108.43 | 2.90294 | 420483.05 | 3764124.38 | 2.68778 |
| 420469.25 | 3764140.34 | 2.48096 | 420454.16 | 3764160.60 | 2.26764 |
| 420443.38 | 3764173.11 | 2.14669 | 420427.85 | 3764193.38 | 1.96143 |
| 420417.51 | 3764210.62 | 1.83869 | 420405.86 | 3764224.42 | 1.73225 |
| 420389.91 | 3764241.24 | 1.62075 | 420379.13 | 3764258.92 | 1.52402 |
| 420362.74 | 3764275.31 | 1.43144 | 420351.10 | 3764286.95 | 1.36608 |
| 420518.84 | 3764071.76 | 3.51308 | 420534.99 | 3764080.89 | 3.54546 |
| 420548.34 | 3764092.83 | 3.51231 | 420571.51 | 3764110.38 | 3.43225 |
| 420591.17 | 3764123.02 | 3.44481 | 420605.91 | 3764135.66 | 3.35818 |
| 420622.06 | 3764145.49 | 3.32596 | 420640.32 | 3764160.23 | 3.25685 |

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|---|---|---|---|---|---|
| 420614.34 | 3764193.23 | 2.75917 | 420580.63 | 3764167.96 | 2.82533 |
| 420565.89 | 3764182.00 | 2.63824 | 420553.95 | 3764191.13 | 2.50972 |
| 420597.49 | 3764203.77 | 2.56730 | 420591.87 | 3764223.43 | 2.38892 |
| 420539.91 | 3764200.26 | 2.37178 | 420606.61 | 3764240.98 | 2.29788 |
| 420629.08 | 3764250.81 | 2.29148 | 420648.74 | 3764238.87 | 2.42399 |
| 420651.55 | 3764222.73 | 2.58792 | 420660.68 | 3764207.98 | 2.75232 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_ROUTE ***
INCLUDING SOURCE(S): L0001467 , L0001468 , L0001469 , L0001470 , L0001471 ,
L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 , L0001478 , L0001479 ,
L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 , L0001486 , L0001487 ,
L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 , L0001494 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 2.91852 | 420681.74 | 3764181.30 | 3.17307 |
| 420712.64 | 3764215.70 | 2.77761 | 420695.09 | 3764229.75 | 2.58638 |
| 420732.30 | 3764227.64 | 2.68896 | 420747.05 | 3764238.17 | 2.61802 |
| 420767.41 | 3764245.19 | 2.59280 | 420681.04 | 3764247.30 | 2.39070 |
| 420668.40 | 3764264.85 | 2.21702 | 420655.06 | 3764283.11 | 2.05597 |
| 420641.02 | 3764297.86 | 1.93364 | 420638.21 | 3764314.71 | 1.83597 |
| 420629.08 | 3764330.86 | 1.73708 | 420619.25 | 3764349.11 | 1.63499 |
| 420605.91 | 3764381.41 | 1.46933 | 420599.59 | 3764395.46 | 1.41071 |
| 420572.91 | 3764397.56 | 1.36969 | 420563.78 | 3764415.82 | 1.29472 |
| 420537.80 | 3764434.78 | 1.17246 | 420556.76 | 3764436.18 | 1.17415 |
| 420575.72 | 3764441.10 | 1.15654 | 420589.76 | 3764450.93 | 1.14145 |
| 420638.21 | 3764481.82 | 1.11497 | 420641.02 | 3764463.56 | 1.18668 |
| 420648.74 | 3764446.01 | 1.25626 | 420652.96 | 3764423.54 | 1.35084 |
| 420652.96 | 3764410.90 | 1.40494 | 420650.85 | 3764387.03 | 1.50290 |
| 420295.36 | 3764152.91 | 1.64102 | 420331.87 | 3764188.02 | 1.64759 |
| 420353.64 | 3764208.38 | 1.62784 | 420339.59 | 3764226.64 | 1.52670 |
| 420327.66 | 3764237.87 | 1.45678 | 420317.83 | 3764252.62 | 1.39193 |
| 420300.27 | 3764231.55 | 1.40318 | 420285.53 | 3764216.81 | 1.40851 |
| 420271.48 | 3764206.28 | 1.39466 | 420260.25 | 3764195.04 | 1.39375 |
| 420283.42 | 3764171.17 | 1.55084 | 420972.38 | 3763271.71 | 33.70904 |
| 420913.80 | 3763329.33 | 48.55764 | 420955.88 | 3763316.14 | 27.95365 |
| 421011.82 | 3763312.84 | 15.45535 | 420869.05 | 3763382.67 | 54.34257 |
| 420913.80 | 3763379.33 | 27.40085 | 420955.88 | 3763366.14 | 19.43016 |
| 421011.82 | 3763362.84 | 12.68945 | 420906.65 | 3763419.80 | 22.06105 |
| 420955.88 | 3763416.14 | 15.24794 | 421011.82 | 3763412.84 | 10.92903 |
| 421009.84 | 3763454.26 | 10.05356 | 420679.66 | 3764117.07 | 5.04468 |
| 420692.12 | 3764098.22 | 5.74373 | 420703.14 | 3764099.09 | 5.84795 |
| 420702.56 | 3764144.04 | 4.55503 | | | |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420162.22 | 3763820.99 | 19.31347 | 420180.57 | 3763830.04 | 20.00445 |
| 420200.57 | 3763830.04 | 20.87334 | 420200.57 | 3763850.04 | 20.93244 |
| 420220.57 | 3763850.04 | 21.85920 | 420240.57 | 3763850.04 | 22.93153 |
| 420160.57 | 3763870.04 | 19.16338 | 420180.57 | 3763870.04 | 20.02088 |
| 420220.57 | 3763870.04 | 21.85580 | 420240.57 | 3763870.04 | 22.83947 |
| 420260.57 | 3763870.04 | 24.01076 | 420160.57 | 3763890.04 | 19.08751 |
| 420200.57 | 3763890.04 | 20.86950 | 420260.57 | 3763890.04 | 23.97752 |
| 420280.57 | 3763890.04 | 25.05504 | 420140.57 | 3763910.04 | 18.34135 |
| 420200.57 | 3763910.04 | 20.66106 | 420220.57 | 3763910.04 | 21.77377 |
| 420280.57 | 3763910.04 | 25.07730 | 420300.57 | 3763910.04 | 26.28067 |
| 420160.57 | 3763930.04 | 18.86068 | 420180.57 | 3763930.04 | 19.58601 |
| 420220.57 | 3763930.04 | 21.53485 | 420240.57 | 3763930.04 | 22.57371 |
| 420260.57 | 3763930.04 | 23.84157 | 420320.57 | 3763930.04 | 27.48326 |
| 420340.57 | 3763930.04 | 28.94029 | 420120.57 | 3763950.04 | 17.25238 |
| 420140.57 | 3763950.04 | 17.93014 | 420200.57 | 3763950.04 | 20.37993 |
| 420220.57 | 3763950.04 | 21.26431 | 420260.57 | 3763950.04 | 23.51101 |
| 420280.57 | 3763950.04 | 24.79730 | 420340.57 | 3763950.04 | 28.86004 |
| 420360.57 | 3763950.04 | 30.49692 | 420120.57 | 3763970.04 | 17.08393 |
| 420140.57 | 3763970.04 | 17.74374 | 420160.57 | 3763970.04 | 18.60936 |
| 420240.57 | 3763970.04 | 22.07156 | 420300.57 | 3763970.04 | 25.85430 |
| 420340.57 | 3763970.04 | 28.65845 | 420360.57 | 3763970.04 | 30.31824 |
| 420100.57 | 3763990.04 | 16.39208 | 420120.57 | 3763990.04 | 16.95874 |
| 420160.57 | 3763990.04 | 18.36229 | 420180.57 | 3763990.04 | 19.29085 |
| 420240.57 | 3763990.04 | 21.92960 | 420260.57 | 3763990.04 | 22.87552 |
| 420280.57 | 3763990.04 | 24.09525 | 420340.57 | 3763990.04 | 28.40688 |
| 420120.57 | 3764010.04 | 16.82511 | 420140.57 | 3764010.04 | 17.45526 |
| 420160.57 | 3764010.04 | 18.31380 | 420200.57 | 3764010.04 | 19.95279 |
| 420220.57 | 3764010.04 | 20.80858 | 420280.57 | 3764010.04 | 23.92161 |
| 420320.57 | 3764010.04 | 26.54664 | 420400.57 | 3764010.04 | 32.94582 |
| 420420.57 | 3764010.04 | 34.98540 | 420440.57 | 3764010.04 | 37.22180 |
| 420180.57 | 3764030.04 | 18.86923 | 420200.57 | 3764030.04 | 19.60382 |
| 420240.57 | 3764030.04 | 21.56217 | 420300.57 | 3764030.04 | 25.01971 |
| 420320.57 | 3764030.04 | 26.21202 | 420400.57 | 3764030.04 | 32.42874 |
| 420440.57 | 3764030.04 | 36.70954 | 420460.57 | 3764030.04 | 39.33295 |
| 420180.57 | 3764050.04 | 18.50526 | 420200.57 | 3764050.04 | 19.26009 |
| 420240.57 | 3764050.04 | 21.14524 | 420280.57 | 3764050.04 | 23.40190 |

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|---|---|---|---|---|---|
| 420380.57 | 3764050.04 | 30.02527 | 420480.57 | 3764050.04 | 41.30450 |
| 420200.57 | 3764070.04 | 19.03026 | 420220.57 | 3764070.04 | 19.97902 |
| 420260.57 | 3764070.04 | 21.94356 | 420280.57 | 3764070.04 | 22.88466 |
| 420360.57 | 3764070.04 | 28.03073 | 420420.57 | 3764070.04 | 33.24861 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420440.57 | 3764070.04 | 35.32725 | 420260.57 | 3764090.04 | 21.48374 |
| 420340.57 | 3764090.04 | 26.03954 | 420400.57 | 3764090.04 | 30.76807 |
| 420420.57 | 3764090.04 | 32.45919 | 420440.57 | 3764090.04 | 34.52914 |
| 420460.57 | 3764090.04 | 37.12994 | 420260.57 | 3764110.04 | 20.93349 |
| 420340.57 | 3764110.04 | 25.48442 | 420400.57 | 3764110.04 | 29.92170 |
| 420420.57 | 3764110.04 | 31.74590 | 420440.57 | 3764110.04 | 33.86333 |
| 420320.57 | 3764130.04 | 23.56969 | 420380.57 | 3764130.04 | 27.67037 |
| 420400.57 | 3764130.04 | 29.19589 | 420420.57 | 3764130.04 | 31.07855 |
| 420360.57 | 3764150.04 | 25.64138 | 420400.57 | 3764150.04 | 28.47184 |
| 420340.57 | 3764170.04 | 23.72427 | 420380.57 | 3764170.04 | 26.20907 |
| 420400.57 | 3764170.04 | 27.76269 | 420380.57 | 3764190.04 | 25.50308 |
| 420714.65 | 3764272.44 | 55.40783 | 420734.65 | 3764284.40 | 55.51900 |
| 420754.65 | 3764284.40 | 58.61749 | 420280.59 | 3763433.11 | 18.56183 |
| 420260.59 | 3763453.11 | 18.35766 | 420260.59 | 3763473.11 | 18.75489 |
| 420233.62 | 3763487.75 | 18.18563 | 420253.62 | 3763507.75 | 19.20230 |
| 420200.59 | 3763533.11 | 17.90162 | 420223.55 | 3763541.34 | 18.78187 |
| 420240.59 | 3763533.11 | 19.22578 | 420179.16 | 3763563.83 | 17.68517 |
| 420200.59 | 3763573.11 | 18.52162 | 420234.64 | 3763578.58 | 19.80718 |
| 420200.59 | 3763593.11 | 18.81405 | 420160.59 | 3763613.11 | 17.72901 |
| 420138.25 | 3763640.23 | 17.32037 | 420200.59 | 3763613.11 | 19.09999 |
| 420180.59 | 3763633.11 | 18.65170 | 420172.25 | 3763655.96 | 18.64034 |
| 420160.59 | 3763673.11 | 18.41218 | 420160.59 | 3763693.11 | 18.61852 |
| 420092.84 | 3763719.31 | 16.50724 | 420140.59 | 3763713.11 | 18.07416 |
| 420120.59 | 3763733.11 | 17.53995 | 420804.93 | 3764263.30 | 70.88060 |
| 420820.93 | 3764270.66 | 70.67890 | 420839.88 | 3764276.55 | 70.93282 |
| 420860.72 | 3764279.50 | 71.17087 | 420880.72 | 3764279.50 | 72.31315 |
| 420892.72 | 3764288.76 | 67.46594 | 420900.72 | 3764299.50 | 65.64815 |
| 420920.72 | 3764299.50 | 67.13317 | 420980.72 | 3764299.50 | 69.11238 |
| 420740.72 | 3764319.50 | 49.48981 | 420780.72 | 3764319.50 | 53.45970 |
| 420800.72 | 3764319.50 | 54.44331 | 420820.72 | 3764319.50 | 55.90372 |
| 420840.72 | 3764319.50 | 57.22696 | 420940.72 | 3764319.50 | 60.09876 |
| 420980.72 | 3764319.50 | 60.10004 | 421003.29 | 3764310.49 | 62.18656 |
| 421023.29 | 3764310.49 | 58.61809 | 421043.29 | 3764310.49 | 57.71343 |
| 421063.29 | 3764310.49 | 56.52348 | 421083.29 | 3764310.49 | 55.34996 |
| 421103.29 | 3764310.49 | 54.34111 | 421123.29 | 3764310.49 | 53.48188 |
| 421143.29 | 3764310.49 | 52.53444 | 421163.29 | 3764310.49 | 51.58857 |

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|---|---|---|---|---|---|
| 421183.29 | 3764310.49 | 50.64526 | 421203.29 | 3764310.49 | 49.80106 |
| 421223.29 | 3764310.49 | 49.15727 | 421243.29 | 3764310.49 | 48.21765 |
| 421263.29 | 3764310.49 | 47.24153 | 421283.29 | 3764310.49 | 46.25148 |
| 421303.29 | 3764310.49 | 45.25206 | 420760.72 | 3764339.50 | 48.04277 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420860.72 | 3764339.50 | 53.76532 | 420880.72 | 3764339.50 | 54.42301 |
| 420920.72 | 3764339.50 | 55.04851 | 420980.72 | 3764339.50 | 52.65147 |
| 420700.42 | 3764305.37 | 45.60601 | 420780.72 | 3764359.50 | 44.97299 |
| 420800.72 | 3764359.50 | 45.85373 | 420823.92 | 3764366.20 | 45.67549 |
| 420920.72 | 3764359.50 | 47.97190 | 420980.72 | 3764359.50 | 45.64800 |
| 421010.96 | 3764363.22 | 45.73192 | 421030.96 | 3764363.22 | 45.62975 |
| 421050.96 | 3764363.22 | 44.94249 | 421070.96 | 3764363.22 | 44.24170 |
| 421090.96 | 3764363.22 | 43.45238 | 421110.96 | 3764363.22 | 42.68638 |
| 421130.96 | 3764363.22 | 41.75911 | 421150.96 | 3764363.22 | 40.89956 |
| 421170.96 | 3764363.22 | 40.94968 | 421190.96 | 3764368.75 | 39.29651 |
| 421210.17 | 3764368.36 | 39.10727 | 421230.17 | 3764368.36 | 38.87452 |
| 421250.17 | 3764368.36 | 38.40810 | 421270.17 | 3764368.36 | 37.84280 |
| 421290.17 | 3764368.36 | 37.30786 | 421310.17 | 3764368.36 | 36.77729 |
| 420843.63 | 3764371.64 | 44.76649 | 420860.72 | 3764379.50 | 43.18540 |
| 420880.72 | 3764379.50 | 42.20936 | 420898.39 | 3764385.33 | 40.23902 |
| 420980.72 | 3764379.50 | 39.19510 | 420760.72 | 3764399.50 | 37.73093 |
| 420780.72 | 3764399.50 | 38.63277 | 420920.72 | 3764399.50 | 37.42693 |
| 420940.72 | 3764399.50 | 38.06036 | 420980.72 | 3764399.50 | 34.07774 |
| 420746.30 | 3764412.53 | 35.04876 | 420780.72 | 3764419.50 | 34.98907 |
| 420820.72 | 3764419.50 | 37.72793 | 420840.72 | 3764419.50 | 37.70294 |
| 420940.72 | 3764419.50 | 33.49317 | 420980.72 | 3764419.50 | 30.19744 |
| 421013.06 | 3764405.83 | 30.94244 | 421033.06 | 3764405.83 | 30.10597 |
| 421053.06 | 3764405.83 | 29.75101 | 421073.06 | 3764405.83 | 29.40721 |
| 421093.06 | 3764405.83 | 29.00884 | 421113.06 | 3764405.83 | 28.58704 |
| 421133.06 | 3764405.83 | 28.09133 | 421160.72 | 3764419.50 | 25.43655 |
| 421180.72 | 3764419.50 | 25.57255 | 421220.72 | 3764419.50 | 30.33396 |
| 421233.28 | 3764408.34 | 32.38738 | 421253.28 | 3764408.34 | 32.19426 |
| 421273.28 | 3764408.34 | 32.28816 | 421293.28 | 3764408.34 | 32.06326 |
| 420746.30 | 3764432.53 | 32.12777 | 420780.72 | 3764439.50 | 32.44397 |
| 420820.72 | 3764439.50 | 34.63525 | 420860.72 | 3764439.50 | 33.73588 |
| 420880.72 | 3764439.50 | 33.25122 | 420940.72 | 3764439.50 | 30.58699 |
| 420980.72 | 3764439.50 | 27.25075 | 420994.21 | 3764452.98 | 25.34339 |
| 421014.21 | 3764452.98 | 24.92726 | 421034.21 | 3764452.98 | 24.50059 |
| 421054.21 | 3764452.98 | 24.16513 | 421074.21 | 3764452.98 | 23.92434 |
| 421094.21 | 3764452.98 | 23.71955 | 421114.21 | 3764452.98 | 23.39509 |
| 421134.21 | 3764452.98 | 22.90244 | 421180.72 | 3764439.50 | 23.20178 |

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|---|---|---|---|---|---|
| 421220.72 | 3764439.50 | 27.77228 | 420737.00 | 3764452.99 | 29.44997 |
| 420780.72 | 3764459.50 | 30.35542 | 420820.72 | 3764459.50 | 31.37882 |
| 420920.72 | 3764459.50 | 27.14949 | 421134.21 | 3764472.98 | 20.43051 |
| 421180.72 | 3764459.50 | 21.08613 | 421200.72 | 3764459.50 | 20.95618 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421233.28 | 3764448.34 | 26.90179 | 421252.35 | 3764459.04 | 27.02895 |
| 421293.28 | 3764448.34 | 28.40472 | 420737.00 | 3764472.99 | 27.54353 |
| 420820.72 | 3764479.50 | 28.40626 | 420871.79 | 3764475.04 | 24.06855 |
| 420920.72 | 3764479.50 | 23.83159 | 421180.72 | 3764479.50 | 19.22484 |
| 421200.72 | 3764479.50 | 18.78500 | 421260.72 | 3764479.50 | 24.73350 |
| 421280.72 | 3764479.50 | 25.80237 | 420737.00 | 3764492.99 | 25.66603 |
| 420767.69 | 3764492.53 | 26.09534 | 420820.72 | 3764499.50 | 25.79009 |
| 420871.79 | 3764495.04 | 21.44594 | 420920.72 | 3764499.50 | 21.64695 |
| 421114.21 | 3764512.98 | 14.74345 | 421134.21 | 3764512.98 | 15.36669 |
| 421200.72 | 3764499.50 | 17.25954 | 421280.72 | 3764499.50 | 24.36501 |
| 420730.48 | 3764507.70 | 24.46563 | 420767.69 | 3764512.53 | 23.93397 |
| 420820.72 | 3764519.50 | 23.20744 | 420871.79 | 3764515.04 | 19.37666 |
| 420920.72 | 3764519.50 | 19.04999 | 421000.26 | 3764522.29 | 12.44996 |
| 421020.26 | 3764522.29 | 12.32749 | 421040.26 | 3764522.29 | 12.61550 |
| 421060.26 | 3764522.29 | 12.98473 | 421080.26 | 3764522.29 | 13.43144 |
| 421200.72 | 3764519.50 | 16.12484 | 421280.72 | 3764519.50 | 23.02518 |
| 420730.48 | 3764527.70 | 23.04316 | 420767.69 | 3764532.53 | 22.01063 |
| 420820.72 | 3764539.50 | 20.96500 | 420860.72 | 3764539.50 | 17.58126 |
| 420920.72 | 3764539.50 | 16.87806 | 420980.72 | 3764539.50 | 11.38793 |
| 421160.72 | 3764539.50 | 14.74579 | 421180.72 | 3764539.50 | 15.11163 |
| 421280.72 | 3764539.50 | 21.79664 | 420860.72 | 3764559.50 | 15.97241 |
| 420909.07 | 3764562.58 | 15.64272 | 420980.72 | 3764559.50 | 10.77709 |
| 421040.72 | 3764559.50 | 11.08154 | 421080.72 | 3764559.50 | 12.16381 |
| 421100.72 | 3764559.50 | 12.48631 | 421120.72 | 3764559.50 | 12.87413 |
| 421140.72 | 3764559.50 | 13.25848 | 421160.72 | 3764559.50 | 13.66726 |
| 420960.72 | 3764579.50 | 10.66514 | 421020.72 | 3764579.50 | 10.41471 |
| 420680.84 | 3764330.64 | 39.32256 | 420720.84 | 3764330.64 | 43.98940 |
| 420660.84 | 3764350.64 | 35.43057 | 420692.00 | 3764425.97 | 30.66822 |
| 420720.84 | 3764350.64 | 42.41870 | 420660.84 | 3764370.64 | 33.01942 |
| 420700.84 | 3764370.64 | 36.45425 | 420700.84 | 3764390.64 | 34.28873 |
| 420700.84 | 3764410.64 | 32.72131 | 420680.84 | 3764450.64 | 27.23642 |
| 420680.84 | 3764470.64 | 25.41203 | 420680.84 | 3764490.64 | 23.79600 |
| 420101.08 | 3763674.83 | 16.50649 | 420083.47 | 3763665.61 | 15.92286 |
| 420070.89 | 3763688.25 | 15.74288 | 420083.05 | 3763697.47 | 16.12816 |
| 420043.64 | 3763644.22 | 14.70842 | 420057.47 | 3763625.35 | 14.91282 |
| 420067.12 | 3763611.93 | 15.04633 | 420079.70 | 3763600.61 | 15.26768 |

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|---|---|---|---|---|---|
| 420101.50 | 3763588.45 | 15.72138 | 420107.79 | 3763573.35 | 15.73599 |
| 420119.53 | 3763558.68 | 15.89298 | 420130.02 | 3763541.07 | 15.97537 |
| 420141.76 | 3763528.91 | 16.14651 | 420177.06 | 3763505.07 | 16.79492 |
| 420182.52 | 3763490.53 | 16.74449 | 420189.79 | 3763470.23 | 16.63311 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420205.24 | 3763456.30 | 16.83091 | 420211.91 | 3763443.87 | 16.81291 |
| 420221.30 | 3763427.51 | 16.78484 | 420233.11 | 3763414.79 | 16.87211 |
| 420187.06 | 3763375.10 | 16.80417 | 420174.04 | 3763398.73 | 17.11801 |
| 420159.80 | 3763419.94 | 17.01276 | 420144.65 | 3763435.69 | 16.65699 |
| 420157.37 | 3763449.33 | 17.06029 | 420203.21 | 3763366.33 | 15.41875 |
| 420212.30 | 3763349.37 | 15.33792 | 420110.79 | 3763789.57 | 16.67985 |
| 420095.76 | 3763777.27 | 16.22410 | 420082.79 | 3763760.88 | 15.96280 |
| 420069.13 | 3763754.06 | 15.50696 | 420054.11 | 3763743.13 | 15.03587 |
| 420101.91 | 3763822.34 | 16.41571 | 420083.47 | 3763829.85 | 15.75074 |
| 420062.30 | 3763818.25 | 15.17194 | 420054.11 | 3763806.64 | 14.96802 |
| 420037.04 | 3763795.71 | 14.53505 | 420087.94 | 3763866.45 | 15.88991 |
| 420066.97 | 3763858.48 | 15.26026 | 420049.36 | 3763847.57 | 14.81370 |
| 420032.58 | 3763850.93 | 14.39622 | 420490.31 | 3764285.91 | 28.07726 |
| 420510.31 | 3764285.91 | 29.58778 | 420530.31 | 3764285.91 | 31.26548 |
| 420550.31 | 3764285.91 | 33.07037 | 420570.31 | 3764285.91 | 34.87548 |
| 420590.31 | 3764285.91 | 36.65196 | 420610.31 | 3764285.91 | 38.41112 |
| 420390.31 | 3764305.91 | 21.49443 | 420410.31 | 3764305.91 | 22.44538 |
| 420430.31 | 3764305.91 | 23.58441 | 420450.31 | 3764305.91 | 24.59024 |
| 420470.31 | 3764305.91 | 25.66950 | 420490.31 | 3764305.91 | 26.84757 |
| 420510.31 | 3764305.91 | 28.14172 | 420530.31 | 3764305.91 | 29.56048 |
| 420550.31 | 3764305.91 | 31.31892 | 420570.31 | 3764305.91 | 33.04617 |
| 420590.31 | 3764305.91 | 34.57870 | 420610.31 | 3764305.91 | 35.88712 |
| 420390.31 | 3764325.91 | 20.66310 | 420410.31 | 3764325.91 | 21.52431 |
| 420430.31 | 3764325.91 | 22.65953 | 420450.31 | 3764325.91 | 23.52477 |
| 420470.31 | 3764325.91 | 24.59666 | 420490.31 | 3764325.91 | 25.69596 |
| 420510.31 | 3764325.91 | 26.79901 | 420530.31 | 3764325.91 | 27.98816 |
| 420550.31 | 3764325.91 | 29.64621 | 420570.31 | 3764325.91 | 31.30291 |
| 420590.31 | 3764325.91 | 32.67505 | 420410.31 | 3764345.91 | 20.90127 |
| 420430.31 | 3764345.91 | 21.67162 | 420450.31 | 3764345.91 | 22.35303 |
| 420470.31 | 3764345.91 | 23.20305 | 420490.31 | 3764345.91 | 24.36939 |
| 420510.31 | 3764345.91 | 25.74369 | 420530.31 | 3764345.91 | 26.84706 |
| 420550.31 | 3764345.91 | 28.18152 | 420570.31 | 3764345.91 | 29.62040 |
| 420430.31 | 3764365.91 | 20.85626 | 420450.31 | 3764365.91 | 21.49382 |
| 420470.31 | 3764365.91 | 22.20351 | 420490.31 | 3764365.91 | 23.18383 |
| 420510.31 | 3764365.91 | 24.44830 | 420530.31 | 3764365.91 | 25.79197 |
| 420550.31 | 3764365.91 | 26.93474 | 420570.31 | 3764365.91 | 27.96015 |

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|---|---|---|---|---|---|
| 420450.31 | 3764385.91 | 20.82735 | 420470.31 | 3764385.91 | 21.42736 |
| 420490.31 | 3764385.91 | 22.12479 | 420510.31 | 3764385.91 | 23.10196 |
| 420530.31 | 3764385.91 | 24.74527 | 420550.31 | 3764385.91 | 25.77254 |
| 420470.31 | 3764405.91 | 20.65869 | 420490.31 | 3764405.91 | 21.34280 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420510.31 | 3764405.91 | 22.16991 | 420530.31 | 3764405.91 | 23.31330 |
| 420490.31 | 3764425.91 | 20.45386 | 420510.31 | 3764425.91 | 21.06297 |
| 420504.61 | 3764167.94 | 38.25541 | 420511.08 | 3764158.02 | 39.85040 |
| 420524.44 | 3764147.67 | 42.49001 | 420535.23 | 3764136.03 | 44.74865 |
| 420493.83 | 3764108.43 | 40.29772 | 420483.05 | 3764124.38 | 37.98564 |
| 420469.25 | 3764140.34 | 35.49250 | 420454.16 | 3764160.60 | 32.93669 |
| 420443.38 | 3764173.11 | 31.40362 | 420427.85 | 3764193.38 | 28.87740 |
| 420417.51 | 3764210.62 | 27.28821 | 420405.86 | 3764224.42 | 25.72810 |
| 420389.91 | 3764241.24 | 24.11873 | 420379.13 | 3764258.92 | 22.76438 |
| 420362.74 | 3764275.31 | 21.37780 | 420351.10 | 3764286.95 | 20.38122 |
| 420518.84 | 3764071.76 | 46.10083 | 420534.99 | 3764080.89 | 48.39268 |
| 420548.34 | 3764092.83 | 50.20421 | 420571.51 | 3764110.38 | 52.38216 |
| 420591.17 | 3764123.02 | 56.21400 | 420605.91 | 3764135.66 | 57.46169 |
| 420622.06 | 3764145.49 | 59.75132 | 420640.32 | 3764160.23 | 62.69857 |
| 420614.34 | 3764193.23 | 52.80457 | 420580.63 | 3764167.96 | 48.63146 |
| 420565.89 | 3764182.00 | 45.47149 | 420553.95 | 3764191.13 | 42.99314 |
| 420597.49 | 3764203.77 | 47.70306 | 420591.87 | 3764223.43 | 44.92721 |
| 420539.91 | 3764200.26 | 40.08698 | 420606.61 | 3764240.98 | 44.90005 |
| 420629.08 | 3764250.81 | 47.04897 | 420648.74 | 3764238.87 | 50.88812 |
| 420651.55 | 3764222.73 | 54.41167 | 420660.68 | 3764207.98 | 58.03542 |
| 420667.00 | 3764195.34 | 61.83876 | 420681.74 | 3764181.30 | 69.08638 |
| 420712.64 | 3764215.70 | 64.92840 | 420695.09 | 3764229.75 | 58.31966 |
| 420732.30 | 3764227.64 | 66.07614 | 420747.05 | 3764238.17 | 67.21066 |
| 420767.41 | 3764245.19 | 70.50275 | 420681.04 | 3764247.30 | 52.54951 |
| 420668.40 | 3764264.85 | 47.60009 | 420655.06 | 3764283.11 | 43.11714 |
| 420641.02 | 3764297.86 | 39.64316 | 420638.21 | 3764314.71 | 37.62788 |
| 420629.08 | 3764330.86 | 35.16941 | 420619.25 | 3764349.11 | 32.65955 |
| 420605.91 | 3764381.41 | 28.60623 | 420599.59 | 3764395.46 | 27.26334 |
| 420572.91 | 3764397.56 | 25.67596 | 420563.78 | 3764415.82 | 24.01085 |
| 420537.80 | 3764434.78 | 21.13484 | 420556.76 | 3764436.18 | 21.50305 |
| 420575.72 | 3764441.10 | 21.53377 | 420589.76 | 3764450.93 | 21.50130 |
| 420638.21 | 3764481.82 | 21.79337 | 420641.02 | 3764463.56 | 23.35557 |
| 420648.74 | 3764446.01 | 25.06358 | 420652.96 | 3764423.54 | 27.42015 |
| 420652.96 | 3764410.90 | 28.75817 | 420650.85 | 3764387.03 | 31.03589 |
| 420295.36 | 3764152.91 | 21.48325 | 420331.87 | 3764188.02 | 22.63913 |
| 420353.64 | 3764208.38 | 22.98097 | 420339.59 | 3764226.64 | 21.71266 |

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|---|---|---|---|---|---|
| 420327.66 | 3764237.87 | 20.75385 | 420317.83 | 3764252.62 | 19.94067 |
| 420300.27 | 3764231.55 | 19.63143 | 420285.53 | 3764216.81 | 19.37532 |
| 420271.48 | 3764206.28 | 18.93272 | 420260.25 | 3764195.04 | 18.69247 |
| 420283.42 | 3764171.17 | 20.56993 | 420268.56 | 3763810.41 | 24.53724 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420470.31 | 3764165.91 | 34.11388 | 420470.31 | 3764185.91 | 32.95668 |
| 420490.31 | 3764185.91 | 35.03870 | 420450.31 | 3764205.91 | 30.05984 |
| 420470.31 | 3764205.91 | 31.76854 | 420490.31 | 3764205.91 | 33.61306 |
| 420510.31 | 3764205.91 | 35.74718 | 420530.31 | 3764205.91 | 38.42087 |
| 420430.31 | 3764225.91 | 27.45720 | 420450.31 | 3764225.91 | 28.91804 |
| 420470.31 | 3764225.91 | 30.53299 | 420490.31 | 3764225.91 | 32.26797 |
| 420510.31 | 3764225.91 | 34.17765 | 420530.31 | 3764225.91 | 36.39658 |
| 420550.31 | 3764225.91 | 38.49132 | 420410.31 | 3764245.91 | 25.07995 |
| 420430.31 | 3764245.91 | 26.47586 | 420450.31 | 3764245.91 | 27.83754 |
| 420470.31 | 3764245.91 | 29.32906 | 420490.31 | 3764245.91 | 30.88999 |
| 420510.31 | 3764245.91 | 32.60130 | 420530.31 | 3764245.91 | 34.65170 |
| 420550.31 | 3764245.91 | 36.60887 | 420570.31 | 3764245.91 | 39.00033 |
| 420410.31 | 3764265.91 | 24.29206 | 420430.31 | 3764265.91 | 25.48313 |
| 420450.31 | 3764265.91 | 26.76594 | 420470.31 | 3764265.91 | 28.10069 |
| 420490.31 | 3764265.91 | 29.50598 | 420510.31 | 3764265.91 | 31.07292 |
| 420530.31 | 3764265.91 | 32.98538 | 420550.31 | 3764265.91 | 34.83718 |
| 420570.31 | 3764265.91 | 36.78582 | 420590.31 | 3764265.91 | 39.04121 |
| 420610.31 | 3764265.91 | 41.72614 | 420390.31 | 3764285.91 | 22.33458 |
| 420410.31 | 3764285.91 | 23.39528 | 420430.31 | 3764285.91 | 24.52148 |
| 420450.31 | 3764285.91 | 25.67451 | 420470.31 | 3764285.91 | 26.78613 |
| 420162.22 | 3763820.99 | 18.29920 | 420180.57 | 3763830.04 | 18.92972 |
| 420200.57 | 3763830.04 | 19.75139 | 420200.57 | 3763850.04 | 19.68235 |
| 420220.57 | 3763850.04 | 20.55410 | 420240.57 | 3763850.04 | 21.54306 |
| 420160.57 | 3763870.04 | 17.94839 | 420180.57 | 3763870.04 | 18.73209 |
| 420220.57 | 3763870.04 | 20.43279 | 420240.57 | 3763870.04 | 21.35666 |
| 420260.57 | 3763870.04 | 22.41401 | 420160.57 | 3763890.04 | 17.80548 |
| 420200.57 | 3763890.04 | 19.41492 | 420260.57 | 3763890.04 | 22.25040 |
| 420280.57 | 3763890.04 | 23.27605 | 420140.57 | 3763910.04 | 17.00239 |
| 420200.57 | 3763910.04 | 19.18295 | 420220.57 | 3763910.04 | 20.12892 |
| 420280.57 | 3763910.04 | 23.12445 | 420300.57 | 3763910.04 | 24.24123 |
| 420160.57 | 3763930.04 | 17.46597 | 420180.57 | 3763930.04 | 18.15593 |
| 420220.57 | 3763930.04 | 19.86655 | 420240.57 | 3763930.04 | 20.79150 |
| 420260.57 | 3763930.04 | 21.86115 | 420320.57 | 3763930.04 | 25.19288 |
| 420340.57 | 3763930.04 | 26.50528 | 420120.57 | 3763950.04 | 15.95217 |
| 420140.57 | 3763950.04 | 16.57468 | 420200.57 | 3763950.04 | 18.76964 |
| 420220.57 | 3763950.04 | 19.57648 | 420260.57 | 3763950.04 | 21.52252 |

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|---|---|---|---|---|---|
| 420280.57 | 3763950.04 | 22.62069 | 420340.57 | 3763950.04 | 26.23472 |
| 420360.57 | 3763950.04 | 27.66899 | 420120.57 | 3763970.04 | 15.75432 |
| 420140.57 | 3763970.04 | 16.35818 | 420160.57 | 3763970.04 | 17.09246 |
| 420240.57 | 3763970.04 | 20.20395 | 420300.57 | 3763970.04 | 23.42744 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420340.57 | 3763970.04 | 25.88709 | 420360.57 | 3763970.04 | 27.31148 |
| 420100.57 | 3763990.04 | 15.04218 | 420120.57 | 3763990.04 | 15.57641 |
| 420160.57 | 3763990.04 | 16.83186 | 420180.57 | 3763990.04 | 17.60799 |
| 420240.57 | 3763990.04 | 19.96346 | 420260.57 | 3763990.04 | 20.82169 |
| 420280.57 | 3763990.04 | 21.86386 | 420340.57 | 3763990.04 | 25.50427 |
| 420120.57 | 3764010.04 | 15.39114 | 420140.57 | 3764010.04 | 15.96315 |
| 420160.57 | 3764010.04 | 16.67909 | 420200.57 | 3764010.04 | 18.10907 |
| 420220.57 | 3764010.04 | 18.87029 | 420280.57 | 3764010.04 | 21.57442 |
| 420320.57 | 3764010.04 | 23.80022 | 420400.57 | 3764010.04 | 29.27494 |
| 420420.57 | 3764010.04 | 30.98730 | 420440.57 | 3764010.04 | 32.85779 |
| 420180.57 | 3764030.04 | 17.10249 | 420200.57 | 3764030.04 | 17.76633 |
| 420240.57 | 3764030.04 | 19.42272 | 420300.57 | 3764030.04 | 22.33732 |
| 420320.57 | 3764030.04 | 23.38342 | 420400.57 | 3764030.04 | 28.66128 |
| 420440.57 | 3764030.04 | 32.17796 | 420460.57 | 3764030.04 | 34.26959 |
| 420180.57 | 3764050.04 | 16.75266 | 420200.57 | 3764050.04 | 17.41643 |
| 420240.57 | 3764050.04 | 19.01501 | 420280.57 | 3764050.04 | 20.88841 |
| 420380.57 | 3764050.04 | 26.51597 | 420480.57 | 3764050.04 | 35.56835 |
| 420200.57 | 3764070.04 | 17.13870 | 420220.57 | 3764070.04 | 17.92559 |
| 420260.57 | 3764070.04 | 19.57420 | 420280.57 | 3764070.04 | 20.39648 |
| 420360.57 | 3764070.04 | 24.68809 | 420420.57 | 3764070.04 | 28.94511 |
| 420440.57 | 3764070.04 | 30.62000 | 420260.57 | 3764090.04 | 19.12521 |
| 420340.57 | 3764090.04 | 22.93011 | 420400.57 | 3764090.04 | 26.75689 |
| 420420.57 | 3764090.04 | 28.15149 | 420440.57 | 3764090.04 | 29.78766 |
| 420460.57 | 3764090.04 | 31.73165 | 420260.57 | 3764110.04 | 18.62021 |
| 420340.57 | 3764110.04 | 22.36604 | 420400.57 | 3764110.04 | 25.96319 |
| 420420.57 | 3764110.04 | 27.40494 | 420440.57 | 3764110.04 | 29.03035 |
| 420320.57 | 3764130.04 | 20.72920 | 420380.57 | 3764130.04 | 24.01820 |
| 420400.57 | 3764130.04 | 25.24206 | 420420.57 | 3764130.04 | 26.69017 |
| 420360.57 | 3764150.04 | 22.27212 | 420400.57 | 3764150.04 | 24.52984 |
| 420340.57 | 3764170.04 | 20.64976 | 420380.57 | 3764170.04 | 22.63639 |
| 420400.57 | 3764170.04 | 23.83517 | 420380.57 | 3764190.04 | 21.97271 |
| 420714.65 | 3764272.44 | 41.97188 | 420734.65 | 3764284.40 | 41.92099 |
| 420754.65 | 3764284.40 | 43.82124 | 420280.59 | 3763433.11 | 20.75488 |
| 420260.59 | 3763453.11 | 20.32733 | 420260.59 | 3763473.11 | 20.66563 |
| 420233.62 | 3763487.75 | 19.83114 | 420253.62 | 3763507.75 | 20.87842 |
| 420200.59 | 3763533.11 | 19.02946 | 420223.55 | 3763541.34 | 19.99574 |

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|---|---|---|---|---|---|
| 420240.59 | 3763533.11 | 20.62344 | 420179.16 | 3763563.83 | 18.48414 |
| 420200.59 | 3763573.11 | 19.36199 | 420234.64 | 3763578.58 | 20.79501 |
| 420200.59 | 3763593.11 | 19.49190 | 420160.59 | 3763613.11 | 18.09085 |
| 420138.25 | 3763640.23 | 17.41584 | 420200.59 | 3763613.11 | 19.61217 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420180.59 | 3763633.11 | 18.92044 | 420172.25 | 3763655.96 | 18.68798 |
| 420160.59 | 3763673.11 | 18.30832 | 420160.59 | 3763693.11 | 18.36416 |
| 420092.84 | 3763719.31 | 16.08599 | 420140.59 | 3763713.11 | 17.66741 |
| 420120.59 | 3763733.11 | 17.00065 | 420804.93 | 3764263.30 | 52.15563 |
| 420820.93 | 3764270.66 | 51.91745 | 420839.88 | 3764276.55 | 52.02242 |
| 420860.72 | 3764279.50 | 52.36318 | 420880.72 | 3764279.50 | 53.28697 |
| 420892.72 | 3764288.76 | 50.66368 | 420900.72 | 3764299.50 | 49.06490 |
| 420920.72 | 3764299.50 | 49.95233 | 420980.72 | 3764299.50 | 51.33620 |
| 420740.72 | 3764319.50 | 37.53765 | 420780.72 | 3764319.50 | 40.11678 |
| 420800.72 | 3764319.50 | 40.98495 | 420820.72 | 3764319.50 | 42.01253 |
| 420840.72 | 3764319.50 | 42.95375 | 420940.72 | 3764319.50 | 45.54498 |
| 420980.72 | 3764319.50 | 45.81972 | 421003.29 | 3764310.49 | 47.56529 |
| 421023.29 | 3764310.49 | 45.89317 | 421043.29 | 3764310.49 | 45.51488 |
| 421063.29 | 3764310.49 | 44.98115 | 421083.29 | 3764310.49 | 44.46866 |
| 421103.29 | 3764310.49 | 44.07546 | 421123.29 | 3764310.49 | 43.80472 |
| 421143.29 | 3764310.49 | 43.51012 | 421163.29 | 3764310.49 | 43.24534 |
| 421183.29 | 3764310.49 | 43.00579 | 421203.29 | 3764310.49 | 42.85991 |
| 421223.29 | 3764310.49 | 42.90344 | 421243.29 | 3764310.49 | 42.71990 |
| 421263.29 | 3764310.49 | 42.50181 | 421283.29 | 3764310.49 | 42.26547 |
| 421303.29 | 3764310.49 | 42.02794 | 420760.72 | 3764339.50 | 36.30914 |
| 420860.72 | 3764339.50 | 40.49560 | 420880.72 | 3764339.50 | 41.04692 |
| 420920.72 | 3764339.50 | 41.75379 | 420980.72 | 3764339.50 | 40.98964 |
| 420700.42 | 3764305.37 | 35.64964 | 420780.72 | 3764359.50 | 34.41378 |
| 420800.72 | 3764359.50 | 35.11630 | 420823.92 | 3764366.20 | 35.04146 |
| 420920.72 | 3764359.50 | 37.32601 | 420980.72 | 3764359.50 | 36.29306 |
| 421010.96 | 3764363.22 | 36.31247 | 421030.96 | 3764363.22 | 36.32511 |
| 421050.96 | 3764363.22 | 36.00312 | 421070.96 | 3764363.22 | 35.68506 |
| 421090.96 | 3764363.22 | 35.30979 | 421110.96 | 3764363.22 | 34.95562 |
| 421130.96 | 3764363.22 | 34.50766 | 421150.96 | 3764363.22 | 34.10776 |
| 421170.96 | 3764363.22 | 34.32775 | 421190.96 | 3764368.75 | 33.26079 |
| 421210.17 | 3764368.36 | 33.36095 | 421230.17 | 3764368.36 | 33.46070 |
| 421250.17 | 3764368.36 | 33.41390 | 421270.17 | 3764368.36 | 33.30381 |
| 421290.17 | 3764368.36 | 33.22635 | 421310.17 | 3764368.36 | 33.17536 |
| 420843.63 | 3764371.64 | 34.61403 | 420860.72 | 3764379.50 | 33.67061 |
| 420880.72 | 3764379.50 | 33.26635 | 420898.39 | 3764385.33 | 32.07612 |
| 420980.72 | 3764379.50 | 31.83541 | 420760.72 | 3764399.50 | 29.30821 |

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|---|---|---|---|---|---|
| 420780.72 | 3764399.50 | 29.95370 | 420920.72 | 3764399.50 | 30.14385 |
| 420940.72 | 3764399.50 | 30.57986 | 420980.72 | 3764399.50 | 28.06338 |
| 420746.30 | 3764412.53 | 27.48660 | 420780.72 | 3764419.50 | 27.57838 |
| 420820.72 | 3764419.50 | 29.22040 | 420840.72 | 3764419.50 | 29.38123 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420940.72 | 3764419.50 | 27.35914 | 420980.72 | 3764419.50 | 25.10836 |
| 421013.06 | 3764405.83 | 25.80802 | 421033.06 | 3764405.83 | 25.23183 |
| 421053.06 | 3764405.83 | 25.01468 | 421073.06 | 3764405.83 | 24.80994 |
| 421093.06 | 3764405.83 | 24.56633 | 421113.06 | 3764405.83 | 24.30492 |
| 421133.06 | 3764405.83 | 23.98028 | 421160.72 | 3764419.50 | 21.86889 |
| 421180.72 | 3764419.50 | 22.05276 | 421220.72 | 3764419.50 | 26.10784 |
| 421233.28 | 3764408.34 | 27.89527 | 421253.28 | 3764408.34 | 27.92586 |
| 421273.28 | 3764408.34 | 28.19451 | 421293.28 | 3764408.34 | 28.24381 |
| 420746.30 | 3764432.53 | 25.50150 | 420780.72 | 3764439.50 | 25.74515 |
| 420820.72 | 3764439.50 | 27.12998 | 420860.72 | 3764439.50 | 26.86434 |
| 420880.72 | 3764439.50 | 26.67529 | 420940.72 | 3764439.50 | 25.16486 |
| 420980.72 | 3764439.50 | 22.82359 | 420994.21 | 3764452.98 | 21.34927 |
| 421014.21 | 3764452.98 | 21.05601 | 421034.21 | 3764452.98 | 20.74972 |
| 421054.21 | 3764452.98 | 20.51541 | 421074.21 | 3764452.98 | 20.36054 |
| 421094.21 | 3764452.98 | 20.23859 | 421114.21 | 3764452.98 | 20.02163 |
| 421134.21 | 3764452.98 | 19.66624 | 421180.72 | 3764439.50 | 20.04241 |
| 421220.72 | 3764439.50 | 23.93071 | 420737.00 | 3764452.99 | 23.57531 |
| 420780.72 | 3764459.50 | 24.19139 | 420820.72 | 3764459.50 | 24.94852 |
| 420920.72 | 3764459.50 | 22.55900 | 421134.21 | 3764472.98 | 17.53472 |
| 421180.72 | 3764459.50 | 18.18788 | 421200.72 | 3764459.50 | 18.12061 |
| 421233.28 | 3764448.34 | 23.24863 | 421252.35 | 3764459.04 | 23.34977 |
| 421293.28 | 3764448.34 | 24.77283 | 420737.00 | 3764472.99 | 22.16755 |
| 420820.72 | 3764479.50 | 22.92374 | 420871.79 | 3764475.04 | 20.21181 |
| 420920.72 | 3764479.50 | 20.04429 | 421180.72 | 3764479.50 | 16.55369 |
| 421200.72 | 3764479.50 | 16.18231 | 421260.72 | 3764479.50 | 21.45768 |
| 421280.72 | 3764479.50 | 22.33220 | 420737.00 | 3764492.99 | 20.80463 |
| 420767.69 | 3764492.53 | 21.18928 | 420820.72 | 3764499.50 | 21.09237 |
| 420871.79 | 3764495.04 | 18.18280 | 420920.72 | 3764499.50 | 18.33454 |
| 421114.21 | 3764512.98 | 12.54878 | 421134.21 | 3764512.98 | 13.08411 |
| 421200.72 | 3764499.50 | 14.83219 | 421280.72 | 3764499.50 | 21.04422 |
| 420730.48 | 3764507.70 | 19.88330 | 420767.69 | 3764512.53 | 19.65353 |
| 420820.72 | 3764519.50 | 19.25686 | 420871.79 | 3764515.04 | 16.52539 |
| 420920.72 | 3764519.50 | 16.25915 | 421000.26 | 3764522.29 | 10.62826 |
| 421020.26 | 3764522.29 | 10.53629 | 421040.26 | 3764522.29 | 10.77649 |
| 421060.26 | 3764522.29 | 11.08499 | 421080.26 | 3764522.29 | 11.45670 |
| 421200.72 | 3764519.50 | 13.84754 | 421280.72 | 3764519.50 | 19.85856 |

| | | | | | |
|---|---|---|---|---|---|
| 420730.48 | 3764527.70 | 18.80715 | 420767.69 | 3764532.53 | 18.25635 |
| 420820.72 | 3764539.50 | 17.57950 | 420860.72 | 3764539.50 | 15.06713 |
| 420920.72 | 3764539.50 | 14.41109 | 420980.72 | 3764539.50 | 9.75849 |
| 421160.72 | 3764539.50 | 12.60666 | 421180.72 | 3764539.50 | 12.95064 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 421280.72 | 3764539.50 | 18.77907 | 420860.72 | 3764559.50 | 13.70114 |
| 420909.07 | 3764562.58 | 13.37324 | 420980.72 | 3764559.50 | 9.25247 |
| 421040.72 | 3764559.50 | 9.51024 | 421080.72 | 3764559.50 | 10.40761 |
| 421100.72 | 3764559.50 | 10.68014 | 421120.72 | 3764559.50 | 11.00942 |
| 421140.72 | 3764559.50 | 11.34306 | 421160.72 | 3764559.50 | 11.70496 |
| 420960.72 | 3764579.50 | 9.14661 | 421020.72 | 3764579.50 | 8.95219 |
| 420680.84 | 3764330.64 | 31.28919 | 420720.84 | 3764330.64 | 34.23318 |
| 420660.84 | 3764350.64 | 28.40638 | 420692.00 | 3764425.97 | 24.44886 |
| 420720.84 | 3764350.64 | 32.64685 | 420660.84 | 3764370.64 | 26.62362 |
| 420700.84 | 3764370.64 | 28.89863 | 420700.84 | 3764390.64 | 27.24474 |
| 420700.84 | 3764410.64 | 25.93674 | 420680.84 | 3764450.64 | 22.04798 |
| 420680.84 | 3764470.64 | 20.71595 | 420680.84 | 3764490.64 | 19.51301 |
| 420101.08 | 3763674.83 | 16.31334 | 420083.47 | 3763665.61 | 15.76861 |
| 420070.89 | 3763688.25 | 15.44014 | 420083.05 | 3763697.47 | 15.79290 |
| 420043.64 | 3763644.22 | 14.62304 | 420057.47 | 3763625.35 | 14.94597 |
| 420067.12 | 3763611.93 | 15.16865 | 420079.70 | 3763600.61 | 15.48078 |
| 420101.50 | 3763588.45 | 16.06558 | 420107.79 | 3763573.35 | 16.18972 |
| 420119.53 | 3763558.68 | 16.47443 | 420130.02 | 3763541.07 | 16.70871 |
| 420141.76 | 3763528.91 | 17.00538 | 420177.06 | 3763505.07 | 17.97607 |
| 420182.52 | 3763490.53 | 18.06013 | 420189.79 | 3763470.23 | 18.08518 |
| 420205.24 | 3763456.30 | 18.43193 | 420211.91 | 3763443.87 | 18.52360 |
| 420221.30 | 3763427.51 | 18.58536 | 420233.11 | 3763414.79 | 18.75111 |
| 420187.06 | 3763375.10 | 17.49546 | 420174.04 | 3763398.73 | 17.25677 |
| 420159.80 | 3763419.94 | 16.82792 | 420144.65 | 3763435.69 | 16.41533 |
| 420157.37 | 3763449.33 | 17.00796 | 420203.21 | 3763366.33 | 17.72365 |
| 420212.30 | 3763349.37 | 17.59926 | 420110.79 | 3763789.57 | 15.98732 |
| 420095.76 | 3763777.27 | 15.58393 | 420082.79 | 3763760.88 | 15.39478 |
| 420069.13 | 3763754.06 | 14.96294 | 420054.11 | 3763743.13 | 14.52160 |
| 420101.91 | 3763822.34 | 15.67336 | 420083.47 | 3763829.85 | 15.02870 |
| 420062.30 | 3763818.25 | 14.50914 | 420054.11 | 3763806.64 | 14.33947 |
| 420037.04 | 3763795.71 | 13.95110 | 420087.94 | 3763866.45 | 15.07725 |
| 420066.97 | 3763858.48 | 14.50972 | 420049.36 | 3763847.57 | 14.11472 |
| 420032.58 | 3763850.93 | 13.71495 | 420490.31 | 3764285.91 | 23.51935 |
| 420510.31 | 3764285.91 | 24.62805 | 420530.31 | 3764285.91 | 25.83692 |
| 420550.31 | 3764285.91 | 27.12179 | 420570.31 | 3764285.91 | 28.41068 |
| 420590.31 | 3764285.91 | 29.68990 | 420610.31 | 3764285.91 | 30.96953 |

| | | | | | |
|---|---|---|---|---|---|
| 420390.31 | 3764305.91 | 18.42291 | 420410.31 | 3764305.91 | 19.15980 |
| 420430.31 | 3764305.91 | 20.01286 | 420450.31 | 3764305.91 | 20.79292 |
| 420470.31 | 3764305.91 | 21.62176 | 420490.31 | 3764305.91 | 22.51344 |
| 420510.31 | 3764305.91 | 23.47352 | 420530.31 | 3764305.91 | 24.51430 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420550.31 | 3764305.91 | 25.75034 | 420570.31 | 3764305.91 | 26.97104 |
| 420590.31 | 3764305.91 | 28.08982 | 420610.31 | 3764305.91 | 29.09102 |
| 420390.31 | 3764325.91 | 17.73228 | 420410.31 | 3764325.91 | 18.40362 |
| 420430.31 | 3764325.91 | 19.24232 | 420450.31 | 3764325.91 | 19.92498 |
| 420470.31 | 3764325.91 | 20.73387 | 420490.31 | 3764325.91 | 21.56296 |
| 420510.31 | 3764325.91 | 22.39862 | 420530.31 | 3764325.91 | 23.28841 |
| 420550.31 | 3764325.91 | 24.44360 | 420570.31 | 3764325.91 | 25.60196 |
| 420590.31 | 3764325.91 | 26.60570 | 420410.31 | 3764345.91 | 17.83425 |
| 420430.31 | 3764345.91 | 18.44322 | 420450.31 | 3764345.91 | 19.00222 |
| 420470.31 | 3764345.91 | 19.66591 | 420490.31 | 3764345.91 | 20.52233 |
| 420510.31 | 3764345.91 | 21.50014 | 420530.31 | 3764345.91 | 22.32205 |
| 420550.31 | 3764345.91 | 23.27345 | 420570.31 | 3764345.91 | 24.28974 |
| 420430.31 | 3764365.91 | 17.75514 | 420450.31 | 3764365.91 | 18.27570 |
| 420470.31 | 3764365.91 | 18.84198 | 420490.31 | 3764365.91 | 19.57489 |
| 420510.31 | 3764365.91 | 20.47709 | 420530.31 | 3764365.91 | 21.42159 |
| 420550.31 | 3764365.91 | 22.24580 | 420570.31 | 3764365.91 | 23.01059 |
| 420450.31 | 3764385.91 | 17.67480 | 420470.31 | 3764385.91 | 18.16409 |
| 420490.31 | 3764385.91 | 18.71374 | 420510.31 | 3764385.91 | 19.43443 |
| 420530.31 | 3764385.91 | 20.54182 | 420550.31 | 3764385.91 | 21.28720 |
| 420470.31 | 3764405.91 | 17.50034 | 420490.31 | 3764405.91 | 18.03148 |
| 420510.31 | 3764405.91 | 18.65011 | 420530.31 | 3764405.91 | 19.45597 |
| 420490.31 | 3764425.91 | 17.29470 | 420510.31 | 3764425.91 | 17.77154 |
| 420504.61 | 3764167.94 | 31.67726 | 420511.08 | 3764158.02 | 32.92284 |
| 420524.44 | 3764147.67 | 34.94917 | 420535.23 | 3764136.03 | 36.82362 |
| 420493.83 | 3764108.43 | 33.98115 | 420483.05 | 3764124.38 | 32.04468 |
| 420469.25 | 3764140.34 | 29.99261 | 420454.16 | 3764160.60 | 27.85493 |
| 420443.38 | 3764173.11 | 26.56737 | 420427.85 | 3764193.38 | 24.55523 |
| 420417.51 | 3764210.62 | 23.23822 | 420405.86 | 3764224.42 | 21.99485 |
| 420389.91 | 3764241.24 | 20.66168 | 420379.13 | 3764258.92 | 19.55742 |
| 420362.74 | 3764275.31 | 18.41427 | 420351.10 | 3764286.95 | 17.61031 |
| 420518.84 | 3764071.76 | 38.96869 | 420534.99 | 3764080.89 | 40.53080 |
| 420548.34 | 3764092.83 | 41.59894 | 420571.51 | 3764110.38 | 43.09792 |
| 420591.17 | 3764123.02 | 45.29727 | 420605.91 | 3764135.66 | 46.03650 |
| 420622.06 | 3764145.49 | 47.41884 | 420640.32 | 3764160.23 | 48.84965 |
| 420614.34 | 3764193.23 | 41.37194 | 420580.63 | 3764167.96 | 39.27681 |
| 420565.89 | 3764182.00 | 36.66169 | 420553.95 | 3764191.13 | 34.76229 |

| | | | | | |
|---|---|---|---|---|---|
| 420597.49 | 3764203.77 | 37.98048 | 420591.87 | 3764223.43 | 35.71360 |
| 420539.91 | 3764200.26 | 32.66961 | 420606.61 | 3764240.98 | 35.47516 |
| 420629.08 | 3764250.81 | 36.70554 | 420648.74 | 3764238.87 | 39.63653 |
| 420651.55 | 3764222.73 | 42.10107 | 420660.68 | 3764207.98 | 44.91766 |

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

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4_IDLE ***
INCLUDING SOURCE(S): STCK42 , STCK43 , STCK44 , STCK45 , STCK46 ,
STCK47 , STCK48 , STCK49 , STCK50 , STCK51 , STCK52 , STCK53 , STCK54 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD (M) | CONC |
|---|---|---|---|---|---|
| 420667.00 | 3764195.34 | 47.64609 | 420681.74 | 3764181.30 | 52.55321 |
| 420712.64 | 3764215.70 | 49.82783 | 420695.09 | 3764229.75 | 45.22357 |
| 420732.30 | 3764227.64 | 50.30472 | 420747.05 | 3764238.17 | 50.56269 |
| 420767.41 | 3764245.19 | 52.20524 | 420681.04 | 3764247.30 | 41.11419 |
| 420668.40 | 3764264.85 | 37.58923 | 420655.06 | 3764283.11 | 34.35280 |
| 420641.02 | 3764297.86 | 31.81202 | 420638.21 | 3764314.71 | 30.21794 |
| 420629.08 | 3764330.86 | 28.35290 | 420619.25 | 3764349.11 | 26.44851 |
| 420605.91 | 3764381.41 | 23.44002 | 420599.59 | 3764395.46 | 22.39118 |
| 420572.91 | 3764397.56 | 21.24322 | 420563.78 | 3764415.82 | 19.96233 |
| 420537.80 | 3764434.78 | 17.86223 | 420556.76 | 3764436.18 | 18.16262 |
| 420575.72 | 3764441.10 | 18.20499 | 420589.76 | 3764450.93 | 18.14707 |
| 420638.21 | 3764481.82 | 18.22693 | 420641.02 | 3764463.56 | 19.40284 |
| 420648.74 | 3764446.01 | 20.68819 | 420652.96 | 3764423.54 | 22.42047 |
| 420652.96 | 3764410.90 | 23.39352 | 420650.85 | 3764387.03 | 25.08989 |
| 420295.36 | 3764152.91 | 18.95568 | 420331.87 | 3764188.02 | 19.71570 |
| 420353.64 | 3764208.38 | 19.95049 | 420339.59 | 3764226.64 | 18.86390 |
| 420327.66 | 3764237.87 | 18.06984 | 420317.83 | 3764252.62 | 17.36563 |
| 420300.27 | 3764231.55 | 17.20122 | 420285.53 | 3764216.81 | 17.03736 |
| 420271.48 | 3764206.28 | 16.72560 | 420260.25 | 3764195.04 | 16.56645 |
| 420283.42 | 3764171.17 | 18.12191 | 420972.38 | 3763271.71 | 26.66687 |
| 420913.80 | 3763329.33 | 31.18741 | 420955.88 | 3763316.14 | 29.98082 |
| 421011.82 | 3763312.84 | 29.24379 | 420869.05 | 3763382.67 | 36.02143 |
| 420913.80 | 3763379.33 | 35.94026 | 420955.88 | 3763366.14 | 34.42240 |
| 421011.82 | 3763362.84 | 33.43793 | 420906.65 | 3763419.80 | 40.63681 |
| 420955.88 | 3763416.14 | 39.99464 | 421011.82 | 3763412.84 | 38.74983 |
| 421009.84 | 3763454.26 | 44.30035 | 420679.66 | 3764117.07 | 85.39282 |
| 420692.12 | 3764098.22 | 96.54053 | 420703.14 | 3764099.09 | 101.62360 |
| 420702.56 | 3764144.04 | 86.39932 | | | |

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

*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| GROUP ID | | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | | | | | OF TYPE | NETWORK GRID-ID |
|---|---|---|---|---|---|---|---|---|---|
| B1_TR_ON | 1ST HIGHEST VALUE IS | 3.92447 AT | ( 420280.59, | 3763433.11, | 159.08, | 189.64, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 3.91570 AT | ( 420280.59, | 3763433.11, | 159.08, | 189.64, | 6.10) | DC | |
| | 3RD HIGHEST VALUE IS | 3.87118 AT | ( 420253.62, | 3763507.75, | 160.33, | 188.75, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 3.85747 AT | ( 420260.59, | 3763473.11, | 159.77, | 189.64, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 3.80585 AT | ( 420260.59, | 3763473.11, | 159.77, | 189.64, | 6.10) | DC | |
| | 6TH HIGHEST VALUE IS | 3.78924 AT | ( 420260.59, | 3763453.11, | 159.39, | 189.64, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 3.77933 AT | ( 420260.59, | 3763453.11, | 159.39, | 189.64, | 6.10) | DC | |
| | 8TH HIGHEST VALUE IS | 3.77248 AT | ( 420253.62, | 3763507.75, | 160.33, | 188.75, | 6.10) | DC | |
| | 9TH HIGHEST VALUE IS | 3.75732 AT | ( 420240.59, | 3763533.11, | 160.64, | 181.84, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 3.71715 AT | ( 420234.64, | 3763578.58, | 160.92, | 160.92, | 0.00) | DC | |
| B1_ROUTE | 1ST HIGHEST VALUE IS | 65.68942 AT | ( 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 58.69177 AT | ( 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 40.53502 AT | ( 420972.38, | 3763271.71, | 160.33, | 160.33, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 33.48571 AT | ( 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 32.71167 AT | ( 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 26.06780 AT | ( 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 22.98012 AT | ( 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 18.20081 AT | ( 421011.82, | 3763312.84, | 160.77, | 160.77, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 17.72869 AT | ( 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 14.74873 AT | ( 421011.82, | 3763362.84, | 160.32, | 160.32, | 0.00) | DC | |
| B1_IDLE | 1ST HIGHEST VALUE IS | 172.00293 AT | ( 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 171.88177 AT | ( 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 152.02848 AT | ( 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 133.80909 AT | ( 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 130.84134 AT | ( 420534.99, | 3764080.89, | 164.24, | 164.24, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 129.56711 AT | ( 420518.84, | 3764071.76, | 164.35, | 164.35, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 129.49458 AT | ( 420548.34, | 3764092.83, | 164.08, | 164.08, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 125.46680 AT | ( 420460.57, | 3764030.04, | 164.56, | 164.56, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 125.13054 AT | ( 420480.57, | 3764050.04, | 164.50, | 164.50, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 124.89080 AT | ( 420591.17, | 3764123.02, | 163.84, | 163.84, | 0.00) | DC | |
| B2_TR_ON | 1ST HIGHEST VALUE IS | 6.91035 AT | ( 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 6.69547 AT | ( 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 5.47620 AT | ( 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 4.69488 AT | ( 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |

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 5TH HIGHEST VALUE IS      4.04466 AT (  420534.99,  3764080.89,   164.24,   164.24,    0.00)  DC
 6TH HIGHEST VALUE IS      4.01544 AT (  420548.34,  3764092.83,   164.08,   164.08,    0.00)  DC
 7TH HIGHEST VALUE IS      3.97834 AT (  420571.51,  3764110.38,   164.34,   164.34,    0.00)  DC
 8TH HIGHEST VALUE IS      3.96081 AT (  420518.84,  3764071.76,   164.35,   164.35,    0.00)  DC
 9TH HIGHEST VALUE IS      3.95834 AT (  420591.17,  3764123.02,   163.84,   163.84,    0.00)  DC
10TH HIGHEST VALUE IS      3.95707 AT (  421303.29,  3764310.49,   165.75,   165.75,    0.00)  DC
```

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

*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| GROUP ID | | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | | | | | OF TYPE | NETWORK GRID-ID |
|---|---|---|---|---|---|---|---|---|---|
| B2_ROUTE | 1ST HIGHEST VALUE IS | 55.04507 AT | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 49.12176 AT | 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 33.89883 AT | 420972.38, | 3763271.71, | 160.33, | 160.33, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 28.18724 AT | 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 27.70911 AT | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 22.32081 AT | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 19.60656 AT | 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 15.49858 AT | 421011.82, | 3763312.84, | 160.77, | 160.77, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 15.40284 AT | 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 12.76297 AT | 421011.82, | 3763362.84, | 160.32, | 160.32, | 0.00) | DC | |
| B2_IDLE | 1ST HIGHEST VALUE IS | 34.60857 AT | 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 33.23132 AT | 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 28.05754 AT | 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 26.09728 AT | 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 19.85782 AT | 420681.74, | 3764181.30, | 163.31, | 163.31, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 19.17778 AT | 420640.32, | 3764160.23, | 163.53, | 163.53, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 18.79664 AT | 420622.06, | 3764145.49, | 163.89, | 163.89, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 18.41998 AT | 420605.91, | 3764135.66, | 163.95, | 163.95, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 18.41305 AT | 420591.17, | 3764123.02, | 163.84, | 163.84, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 17.54395 AT | 420667.00, | 3764195.34, | 163.69, | 163.69, | 0.00) | DC | |
| B3_TR_ON | 1ST HIGHEST VALUE IS | 5.10162 AT | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 4.99699 AT | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 4.25298 AT | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 4.16444 AT | 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| | 5TH HIGHEST VALUE IS | 3.94377 AT | 421009.84, | 3763454.26, | 160.64, | 160.64, | 0.00) | DC | |
| | 6TH HIGHEST VALUE IS | 3.57563 AT | 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| | 7TH HIGHEST VALUE IS | 3.50481 AT | 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| | 8TH HIGHEST VALUE IS | 3.37634 AT | 421011.82, | 3763412.84, | 160.49, | 160.49, | 0.00) | DC | |
| | 9TH HIGHEST VALUE IS | 3.03810 AT | 420280.59, | 3763433.11, | 159.08, | 189.64, | 0.00) | DC | |
| | 10TH HIGHEST VALUE IS | 2.99816 AT | 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |
| B3_ROUTE | 1ST HIGHEST VALUE IS | 62.80921 AT | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| | 2ND HIGHEST VALUE IS | 56.12793 AT | 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| | 3RD HIGHEST VALUE IS | 38.80780 AT | 420972.38, | 3763271.71, | 160.33, | 160.33, | 0.00) | DC | |
| | 4TH HIGHEST VALUE IS | 32.06450 AT | 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5TH HIGHEST VALUE IS | 31.32293 AT ( | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| 6TH HIGHEST VALUE IS | 24.98028 AT ( | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| 7TH HIGHEST VALUE IS | 22.03129 AT ( | 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| 8TH HIGHEST VALUE IS | 17.47090 AT ( | 421011.82, | 3763312.84, | 160.77, | 160.77, | 0.00) | DC | |
| 9TH HIGHEST VALUE IS | 17.01723 AT ( | 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| 10TH HIGHEST VALUE IS | 14.17038 AT ( | 421011.82, | 3763362.84, | 160.32, | 160.32, | 0.00) | DC | |



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

*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

| GROUP ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) | | | | | OF TYPE | NETWORK GRID-ID |
|---|---|---|---|---|---|---|---|---|
| B3_IDLE 1ST HIGHEST VALUE IS | 89.22874 AT ( | 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| 2ND HIGHEST VALUE IS | 87.10624 AT ( | 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| 3RD HIGHEST VALUE IS | 76.68935 AT ( | 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| 4TH HIGHEST VALUE IS | 71.61038 AT ( | 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |
| 5TH HIGHEST VALUE IS | 68.98381 AT ( | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| 6TH HIGHEST VALUE IS | 68.65371 AT ( | 421009.84, | 3763454.26, | 160.64, | 160.64, | 0.00) | DC | |
| 7TH HIGHEST VALUE IS | 64.45051 AT ( | 420955.88, | 3763416.14, | 160.24, | 160.24, | 0.00) | DC | |
| 8TH HIGHEST VALUE IS | 60.81177 AT ( | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| 9TH HIGHEST VALUE IS | 58.78809 AT ( | 421011.82, | 3763412.84, | 160.49, | 160.49, | 0.00) | DC | |
| 10TH HIGHEST VALUE IS | 58.54551 AT ( | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| B4_TR_ON 1ST HIGHEST VALUE IS | 5.26176 AT ( | 420703.14, | 3764099.09, | 162.41, | 162.41, | 0.00) | DC | |
| 2ND HIGHEST VALUE IS | 5.06684 AT ( | 420692.12, | 3764098.22, | 162.45, | 162.45, | 0.00) | DC | |
| 3RD HIGHEST VALUE IS | 4.31350 AT ( | 420679.66, | 3764117.07, | 162.75, | 162.75, | 0.00) | DC | |
| 4TH HIGHEST VALUE IS | 3.93320 AT ( | 420702.56, | 3764144.04, | 162.80, | 162.80, | 0.00) | DC | |
| 5TH HIGHEST VALUE IS | 3.90976 AT ( | 421303.29, | 3764310.49, | 165.75, | 165.75, | 0.00) | DC | |
| 6TH HIGHEST VALUE IS | 3.86576 AT ( | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| 7TH HIGHEST VALUE IS | 3.85073 AT ( | 421283.29, | 3764310.49, | 165.92, | 165.92, | 0.00) | DC | |
| 8TH HIGHEST VALUE IS | 3.78068 AT ( | 421263.29, | 3764310.49, | 165.99, | 165.99, | 0.00) | DC | |
| 9TH HIGHEST VALUE IS | 3.69684 AT ( | 421243.29, | 3764310.49, | 166.02, | 192.20, | 0.00) | DC | |
| 10TH HIGHEST VALUE IS | 3.65729 AT ( | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| B4_ROUTE 1ST HIGHEST VALUE IS | 54.34257 AT ( | 420869.05, | 3763382.67, | 159.73, | 159.73, | 0.00) | DC | |
| 2ND HIGHEST VALUE IS | 48.55764 AT ( | 420913.80, | 3763329.33, | 160.06, | 160.06, | 0.00) | DC | |
| 3RD HIGHEST VALUE IS | 33.70904 AT ( | 420972.38, | 3763271.71, | 160.33, | 160.33, | 0.00) | DC | |
| 4TH HIGHEST VALUE IS | 27.95365 AT ( | 420955.88, | 3763316.14, | 160.26, | 160.26, | 0.00) | DC | |
| 5TH HIGHEST VALUE IS | 27.40085 AT ( | 420913.80, | 3763379.33, | 160.37, | 160.37, | 0.00) | DC | |
| 6TH HIGHEST VALUE IS | 22.06105 AT ( | 420906.65, | 3763419.80, | 160.28, | 160.28, | 0.00) | DC | |
| 7TH HIGHEST VALUE IS | 19.43016 AT ( | 420955.88, | 3763366.14, | 160.33, | 160.33, | 0.00) | DC | |
| 8TH HIGHEST VALUE IS | 15.45535 AT ( | 421011.82, | 3763312.84, | 160.77, | 160.77, | 0.00) | DC | |

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          9TH HIGHEST VALUE IS      15.24794 AT (  420955.88,  3763416.14,   160.24,   160.24,    0.00)  DC
         10TH HIGHEST VALUE IS      12.68945 AT (  421011.82,  3763362.84,   160.32,   160.32,    0.00)  DC

B4_IDLE   1ST HIGHEST VALUE IS     101.62360 AT (  420703.14,  3764099.09,   162.41,   162.41,    0.00)  DC
          2ND HIGHEST VALUE IS      96.54053 AT (  420692.12,  3764098.22,   162.45,   162.45,    0.00)  DC
          3RD HIGHEST VALUE IS      86.39932 AT (  420702.56,  3764144.04,   162.80,   162.80,    0.00)  DC
          4TH HIGHEST VALUE IS      85.39282 AT (  420679.66,  3764117.07,   162.75,   162.75,    0.00)  DC
          5TH HIGHEST VALUE IS      72.31315 AT (  420880.72,  3764279.50,   163.85,   197.12,    0.00)  DC
          6TH HIGHEST VALUE IS      71.17087 AT (  420860.72,  3764279.50,   163.74,   196.77,    0.00)  DC
          7TH HIGHEST VALUE IS      70.93282 AT (  420839.88,  3764276.55,   163.54,   196.77,    0.00)  DC
          8TH HIGHEST VALUE IS      70.88060 AT (  420804.93,  3764263.30,   163.49,   195.82,    0.00)  DC
          9TH HIGHEST VALUE IS      70.67890 AT (  420820.93,  3764270.66,   163.51,   196.77,    0.00)  DC
         10TH HIGHEST VALUE IS      70.50275 AT (  420767.41,  3764245.19,   163.44,   163.44,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

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

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 56 Warning Message(s)
A Total of 1684 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 75 Calm Hours Identified

A Total of 1609 Missing Hours Identified ( 3.67 Percent)

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

******** WARNING MESSAGES ********

| | | | |
|---|---|---|---|
| SO W320 | 873 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 874 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 875 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 876 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 877 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 878 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 879 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 880 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 881 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 882 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 883 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 884 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 885 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 886 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 887 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 888 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 889 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 890 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 891 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 892 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 893 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 894 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 895 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 896 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 897 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |
| SO W320 | 898 | PPARM: Input Parameter May Be Out-of-Range for Parameter | VS |

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SO W320     899        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     900        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     901        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     902        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     903        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     904        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     905        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     906        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     907        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     908        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     909        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     910        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     911        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     912        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     913        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     914        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     915        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     916        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     917        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     918        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     919        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     920        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     921        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     922        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     923        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     924        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     925        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320     926        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
ME W186    1688       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
ME W187    1688       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

# Control Pathway

**AERMOD**

## Dispersion Options

**Titles**

COW-05 Operational HRA
Walnut

**Dispersion Options**

☑ Regulatory Default ☐ Non-Default Options

**Dispersion Coefficient**

Urban — Population:
Name (Optional):
Roughness Length:

**Output Type**

☑ Concentration
☐ Total Deposition (Dry & Wet)
☐ Dry Deposition
☐ Wet Deposition

**Plume Depletion**

☐ Dry Removal
☐ Wet Removal

**Output Warnings**

☐ No Output Warnings
☐ Non-fatal Warnings for Non-sequential Met Data

## Pollutant / Averaging Time / Terrain Options

**Pollutant Type**

**Averaging Time Options**

Hours: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24

☐ Month ☑ Period ☐ Annual

**Exponential Decay**

Half-life of 4 hrs will be used

**Terrain Height Options**

☐ Flat ☑ Elevated

SO: Meters
RE: Meters
TG: Meters

**Flagpole Receptors**

☑ Yes ☐ No

Default Height = 0.00 m

# Control Pathway



## Optional Files

| Re-Start File | Init File | Multi-Year Analyses | Event Input File | Error Listing File |
|---|---|---|---|---|
| ☐ | ☐ | ☐ | ☐ | ■ |

### Detailed Error Listing File

Filename: COW-05 OpHRA.err

# Receptor Pathway



## Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

## Discrete Receptors

### Discrete Cartesian Receptors

| Record Number | X-Coordinate [m] | Y-Coordinate [m] | Group Name (Optional) | Terrain Elevations | Flagpole Heights [m] (Optional) |
|---|---|---|---|---|---|
| 1 | 420162.22 | 3763820.99 | | 163.16 | |
| 2 | 420180.57 | 3763830.04 | | 163.61 | |
| 3 | 420200.57 | 3763830.04 | | 163.70 | |
| 4 | 420200.57 | 3763850.04 | | 163.62 | |
| 5 | 420220.57 | 3763850.04 | | 163.74 | |
| 6 | 420240.57 | 3763850.04 | | 163.55 | |
| 7 | 420160.57 | 3763870.04 | | 163.87 | |
| 8 | 420180.57 | 3763870.04 | | 163.78 | |
| 9 | 420220.57 | 3763870.04 | | 163.83 | |
| 10 | 420240.57 | 3763870.04 | | 163.97 | |
| 11 | 420260.57 | 3763870.04 | | 163.78 | |
| 12 | 420160.57 | 3763890.04 | | 164.10 | |
| 13 | 420200.57 | 3763890.04 | | 163.91 | |
| 14 | 420260.57 | 3763890.04 | | 163.88 | |
| 15 | 420280.57 | 3763890.04 | | 164.18 | |
| 16 | 420140.57 | 3763910.04 | | 163.92 | |
| 17 | 420200.57 | 3763910.04 | | 164.42 | |
| 18 | 420220.57 | 3763910.04 | | 163.98 | |
| 19 | 420280.57 | 3763910.04 | | 164.04 | |
| 20 | 420300.57 | 3763910.04 | | 164.23 | |
| 21 | 420160.57 | 3763930.04 | | 164.54 | |
| 22 | 420180.57 | 3763930.04 | | 164.82 | |
| 23 | 420220.57 | 3763930.04 | | 164.44 | |
| 24 | 420240.57 | 3763930.04 | | 164.38 | |
| 25 | 420260.57 | 3763930.04 | | 164.00 | |
| 26 | 420320.57 | 3763930.04 | | 164.44 | |
| 27 | 420340.57 | 3763930.04 | | 164.53 | |
| 28 | 420120.57 | 3763950.04 | | 164.74 | |
| 29 | 420140.57 | 3763950.04 | | 164.84 | |
| 30 | 420200.57 | 3763950.04 | | 164.78 | |

| | | | |
|---|---|---|---|
| 31 | 420220.57 | 3763950.04 | 164.90 |
| 32 | 420260.57 | 3763950.04 | 164.50 |
| 33 | 420280.57 | 3763950.04 | 164.27 |
| 34 | 420340.57 | 3763950.04 | 164.42 |
| 35 | 420360.57 | 3763950.04 | 164.41 |
| 36 | 420120.57 | 3763970.04 | 165.02 |
| 37 | 420140.57 | 3763970.04 | 165.15 |
| 38 | 420160.57 | 3763970.04 | 164.78 |
| 39 | 420240.57 | 3763970.04 | 165.04 |
| 40 | 420300.57 | 3763970.04 | 164.39 |
| 41 | 420340.57 | 3763970.04 | 164.45 |
| 42 | 420360.57 | 3763970.04 | 164.38 |
| 43 | 420100.57 | 3763990.04 | 164.83 |
| 44 | 420120.57 | 3763990.04 | 165.10 |
| 45 | 420160.57 | 3763990.04 | 165.17 |
| 46 | 420180.57 | 3763990.04 | 164.78 |
| 47 | 420240.57 | 3763990.04 | 165.00 |
| 48 | 420260.57 | 3763990.04 | 165.23 |
| 49 | 420280.57 | 3763990.04 | 165.02 |
| 50 | 420340.57 | 3763990.04 | 164.49 |
| 51 | 420120.57 | 3764010.04 | 165.16 |
| 52 | 420140.57 | 3764010.04 | 165.32 |
| 53 | 420160.57 | 3764010.04 | 164.93 |
| 54 | 420200.57 | 3764010.04 | 164.87 |
| 55 | 420220.57 | 3764010.04 | 164.96 |
| 56 | 420280.57 | 3764010.04 | 164.94 |
| 57 | 420320.57 | 3764010.04 | 164.74 |
| 58 | 420400.57 | 3764010.04 | 164.85 |
| 59 | 420420.57 | 3764010.04 | 164.82 |
| 60 | 420440.57 | 3764010.04 | 164.80 |
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| 444 | 420695.09 | 3764229.75 | 164.33 |
| 445 | 420732.30 | 3764227.64 | 164.09 |
| 446 | 420747.05 | 3764238.17 | 163.83 |
| 447 | 420767.41 | 3764245.19 | 163.44 |
| 448 | 420681.04 | 3764247.30 | 164.53 |

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| 449 | 420668.40 | 3764264.85 | 164.80 |
| 450 | 420655.06 | 3764283.11 | 165.10 |
| 451 | 420641.02 | 3764297.86 | 165.36 |
| 452 | 420638.21 | 3764314.71 | 165.39 |
| 453 | 420629.08 | 3764330.86 | 165.55 |
| 454 | 420619.25 | 3764349.11 | 165.76 |
| 455 | 420605.91 | 3764381.41 | 166.49 |
| 456 | 420599.59 | 3764395.46 | 166.60 |
| 457 | 420572.91 | 3764397.56 | 166.87 |
| 458 | 420563.78 | 3764415.82 | 167.20 |
| 459 | 420537.80 | 3764434.78 | 168.56 |
| 460 | 420556.76 | 3764436.18 | 168.82 |
| 461 | 420575.72 | 3764441.10 | 169.33 |
| 462 | 420589.76 | 3764450.93 | 169.33 |
| 463 | 420638.21 | 3764481.82 | 168.73 |
| 464 | 420641.02 | 3764463.56 | 168.08 |
| 465 | 420648.74 | 3764446.01 | 167.59 |
| 466 | 420652.96 | 3764423.54 | 166.86 |
| 467 | 420652.96 | 3764410.90 | 166.47 |
| 468 | 420650.85 | 3764387.03 | 166.03 |
| 469 | 420295.36 | 3764152.91 | 166.63 |
| 470 | 420331.87 | 3764188.02 | 166.33 |
| 471 | 420353.64 | 3764208.38 | 166.67 |
| 472 | 420339.59 | 3764226.64 | 166.82 |
| 473 | 420327.66 | 3764237.87 | 167.06 |
| 474 | 420317.83 | 3764252.62 | 167.14 |
| 475 | 420300.27 | 3764231.55 | 167.33 |
| 476 | 420285.53 | 3764216.81 | 167.32 |
| 477 | 420271.48 | 3764206.28 | 167.56 |
| 478 | 420260.25 | 3764195.04 | 167.63 |
| 479 | 420283.42 | 3764171.17 | 166.63 |
| 480 | 420268.56 | 3763810.41 | 162.77 |
| 481 | 420470.31 | 3764165.91 | 164.98 |
| 482 | 420470.31 | 3764185.91 | 165.11 |
| 483 | 420490.31 | 3764185.91 | 164.91 |
| 484 | 420450.31 | 3764205.91 | 165.41 |
| 485 | 420470.31 | 3764205.91 | 165.27 |
| 486 | 420490.31 | 3764205.91 | 165.14 |

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| 487 | 420510.31 | 3764205.91 | 164.92 | |
| 488 | 420530.31 | 3764205.91 | 164.51 | |
| 489 | 420430.31 | 3764225.91 | 165.79 | |
| 490 | 420450.31 | 3764225.91 | 165.66 | |
| 491 | 420470.31 | 3764225.91 | 165.49 | |
| 492 | 420490.31 | 3764225.91 | 165.33 | |
| 493 | 420510.31 | 3764225.91 | 165.15 | |
| 494 | 420530.31 | 3764225.91 | 164.88 | |
| 495 | 420550.31 | 3764225.91 | 164.81 | |
| 496 | 420410.31 | 3764245.91 | 166.28 | |
| 497 | 420430.31 | 3764245.91 | 165.99 | |
| 498 | 420450.31 | 3764245.91 | 165.86 | |
| 499 | 420470.31 | 3764245.91 | 165.70 | |
| 500 | 420490.31 | 3764245.91 | 165.58 | |
| 501 | 420510.31 | 3764245.91 | 165.43 | |
| 502 | 420530.31 | 3764245.91 | 165.13 | |
| 503 | 420550.31 | 3764245.91 | 165.02 | |
| 504 | 420570.31 | 3764245.91 | 164.75 | |
| 505 | 420410.31 | 3764265.91 | 166.36 | |
| 506 | 420430.31 | 3764265.91 | 166.22 | |
| 507 | 420450.31 | 3764265.91 | 166.07 | |
| 508 | 420470.31 | 3764265.91 | 165.96 | |
| 509 | 420490.31 | 3764265.91 | 165.87 | |
| 510 | 420510.31 | 3764265.91 | 165.72 | |
| 511 | 420530.31 | 3764265.91 | 165.38 | |
| 512 | 420550.31 | 3764265.91 | 165.21 | |
| 513 | 420570.31 | 3764265.91 | 165.07 | |
| 514 | 420590.31 | 3764265.91 | 164.84 | |
| 515 | 420610.31 | 3764265.91 | 164.50 | |
| 516 | 420390.31 | 3764285.91 | 166.76 | |
| 517 | 420410.31 | 3764285.91 | 166.59 | |
| 518 | 420430.31 | 3764285.91 | 166.43 | |
| 519 | 420450.31 | 3764285.91 | 166.33 | |
| 520 | 420470.31 | 3764285.91 | 166.35 | |
| 521 | 420162.22 | 3763820.99 | 163.16 | 6.10 |
| 522 | 420180.57 | 3763830.04 | 163.61 | 6.10 |
| 523 | 420200.57 | 3763830.04 | 163.70 | 6.10 |
| 524 | 420200.57 | 3763850.04 | 163.62 | 6.10 |

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| 525 | 420220.57 | 3763850.04 | 163.74 | 6.10 |
| 526 | 420240.57 | 3763850.04 | 163.55 | 6.10 |
| 527 | 420160.57 | 3763870.04 | 163.87 | 6.10 |
| 528 | 420180.57 | 3763870.04 | 163.78 | 6.10 |
| 529 | 420220.57 | 3763870.04 | 163.83 | 6.10 |
| 530 | 420240.57 | 3763870.04 | 163.97 | 6.10 |
| 531 | 420260.57 | 3763870.04 | 163.78 | 6.10 |
| 532 | 420160.57 | 3763890.04 | 164.10 | 6.10 |
| 533 | 420200.57 | 3763890.04 | 163.91 | 6.10 |
| 534 | 420260.57 | 3763890.04 | 163.88 | 6.10 |
| 535 | 420280.57 | 3763890.04 | 164.18 | 6.10 |
| 536 | 420140.57 | 3763910.04 | 163.92 | 6.10 |
| 537 | 420200.57 | 3763910.04 | 164.42 | 6.10 |
| 538 | 420220.57 | 3763910.04 | 163.98 | 6.10 |
| 539 | 420280.57 | 3763910.04 | 164.04 | 6.10 |
| 540 | 420300.57 | 3763910.04 | 164.23 | 6.10 |
| 541 | 420160.57 | 3763930.04 | 164.54 | 6.10 |
| 542 | 420180.57 | 3763930.04 | 164.82 | 6.10 |
| 543 | 420220.57 | 3763930.04 | 164.44 | 6.10 |
| 544 | 420240.57 | 3763930.04 | 164.38 | 6.10 |
| 545 | 420260.57 | 3763930.04 | 164.00 | 6.10 |
| 546 | 420320.57 | 3763930.04 | 164.44 | 6.10 |
| 547 | 420340.57 | 3763930.04 | 164.53 | 6.10 |
| 548 | 420120.57 | 3763950.04 | 164.74 | 6.10 |
| 549 | 420140.57 | 3763950.04 | 164.84 | 6.10 |
| 550 | 420200.57 | 3763950.04 | 164.78 | 6.10 |
| 551 | 420220.57 | 3763950.04 | 164.90 | 6.10 |
| 552 | 420260.57 | 3763950.04 | 164.50 | 6.10 |
| 553 | 420280.57 | 3763950.04 | 164.27 | 6.10 |
| 554 | 420340.57 | 3763950.04 | 164.42 | 6.10 |
| 555 | 420360.57 | 3763950.04 | 164.41 | 6.10 |
| 556 | 420120.57 | 3763970.04 | 165.02 | 6.10 |
| 557 | 420140.57 | 3763970.04 | 165.15 | 6.10 |
| 558 | 420160.57 | 3763970.04 | 164.78 | 6.10 |
| 559 | 420240.57 | 3763970.04 | 165.04 | 6.10 |
| 560 | 420300.57 | 3763970.04 | 164.39 | 6.10 |
| 561 | 420340.57 | 3763970.04 | 164.45 | 6.10 |
| 562 | 420360.57 | 3763970.04 | 164.38 | 6.10 |

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| 563 | 420100.57 | 3763990.04 | 164.83 | 6.10 |
| 564 | 420120.57 | 3763990.04 | 165.10 | 6.10 |
| 565 | 420160.57 | 3763990.04 | 165.17 | 6.10 |
| 566 | 420180.57 | 3763990.04 | 164.78 | 6.10 |
| 567 | 420240.57 | 3763990.04 | 165.00 | 6.10 |
| 568 | 420260.57 | 3763990.04 | 165.23 | 6.10 |
| 569 | 420280.57 | 3763990.04 | 165.02 | 6.10 |
| 570 | 420340.57 | 3763990.04 | 164.49 | 6.10 |
| 571 | 420120.57 | 3764010.04 | 165.16 | 6.10 |
| 572 | 420140.57 | 3764010.04 | 165.32 | 6.10 |
| 573 | 420160.57 | 3764010.04 | 164.93 | 6.10 |
| 574 | 420200.57 | 3764010.04 | 164.87 | 6.10 |
| 575 | 420220.57 | 3764010.04 | 164.96 | 6.10 |
| 576 | 420280.57 | 3764010.04 | 164.94 | 6.10 |
| 577 | 420320.57 | 3764010.04 | 164.74 | 6.10 |
| 578 | 420400.57 | 3764010.04 | 164.85 | 6.10 |
| 579 | 420420.57 | 3764010.04 | 164.82 | 6.10 |
| 580 | 420440.57 | 3764010.04 | 164.80 | 6.10 |
| 581 | 420180.57 | 3764030.04 | 165.10 | 6.10 |
| 582 | 420200.57 | 3764030.04 | 165.31 | 6.10 |
| 583 | 420240.57 | 3764030.04 | 164.97 | 6.10 |
| 584 | 420300.57 | 3764030.04 | 164.68 | 6.10 |
| 585 | 420320.57 | 3764030.04 | 164.82 | 6.10 |
| 586 | 420400.57 | 3764030.04 | 164.95 | 6.10 |
| 587 | 420440.57 | 3764030.04 | 164.77 | 6.10 |
| 588 | 420460.57 | 3764030.04 | 164.56 | 6.10 |
| 589 | 420180.57 | 3764050.04 | 165.61 | 6.10 |
| 590 | 420200.57 | 3764050.04 | 165.71 | 6.10 |
| 591 | 420240.57 | 3764050.04 | 165.39 | 6.10 |
| 592 | 420280.57 | 3764050.04 | 164.97 | 6.10 |
| 593 | 420380.57 | 3764050.04 | 165.19 | 6.10 |
| 594 | 420480.57 | 3764050.04 | 164.50 | 6.10 |
| 595 | 420200.57 | 3764070.04 | 165.75 | 6.10 |
| 596 | 420220.57 | 3764070.04 | 165.45 | 6.10 |
| 597 | 420260.57 | 3764070.04 | 165.21 | 6.10 |
| 598 | 420280.57 | 3764070.04 | 165.39 | 6.10 |
| 599 | 420360.57 | 3764070.04 | 165.17 | 6.10 |
| 600 | 420420.57 | 3764070.04 | 164.95 | 6.10 |

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| 601 | 420440.57 | 3764070.04 | 164.88 | 6.10 |
| 602 | 420260.57 | 3764090.04 | 165.56 | 6.10 |
| 603 | 420340.57 | 3764090.04 | 165.42 | 6.10 |
| 604 | 420400.57 | 3764090.04 | 165.04 | 6.10 |
| 605 | 420420.57 | 3764090.04 | 165.11 | 6.10 |
| 606 | 420440.57 | 3764090.04 | 164.96 | 6.10 |
| 607 | 420460.57 | 3764090.04 | 164.56 | 6.10 |
| 608 | 420260.57 | 3764110.04 | 166.06 | 6.10 |
| 609 | 420340.57 | 3764110.04 | 165.59 | 6.10 |
| 610 | 420400.57 | 3764110.04 | 165.32 | 6.10 |
| 611 | 420420.57 | 3764110.04 | 165.15 | 6.10 |
| 612 | 420440.57 | 3764110.04 | 164.88 | 6.10 |
| 613 | 420320.57 | 3764130.04 | 166.07 | 6.10 |
| 614 | 420380.57 | 3764130.04 | 165.51 | 6.10 |
| 615 | 420400.57 | 3764130.04 | 165.43 | 6.10 |
| 616 | 420420.57 | 3764130.04 | 165.11 | 6.10 |
| 617 | 420360.57 | 3764150.04 | 165.71 | 6.10 |
| 618 | 420400.57 | 3764150.04 | 165.51 | 6.10 |
| 619 | 420340.57 | 3764170.04 | 166.05 | 6.10 |
| 620 | 420380.57 | 3764170.04 | 165.85 | 6.10 |
| 621 | 420400.57 | 3764170.04 | 165.55 | 6.10 |
| 622 | 420380.57 | 3764190.04 | 165.96 | 6.10 |
| 623 | 420714.65 | 3764272.44 | 163.71 | 6.10 |
| 624 | 420734.65 | 3764284.40 | 163.76 | 6.10 |
| 625 | 420754.65 | 3764284.40 | 163.57 | 6.10 |
| 626 | 420280.59 | 3763433.11 | 159.08 | 6.10 |
| 627 | 420260.59 | 3763453.11 | 159.39 | 6.10 |
| 628 | 420260.59 | 3763473.11 | 159.77 | 6.10 |
| 629 | 420233.62 | 3763487.75 | 160.25 | 6.10 |
| 630 | 420253.62 | 3763507.75 | 160.33 | 6.10 |
| 631 | 420200.59 | 3763533.11 | 160.70 | 6.10 |
| 632 | 420223.55 | 3763541.34 | 160.69 | 6.10 |
| 633 | 420240.59 | 3763533.11 | 160.64 | 6.10 |
| 634 | 420179.16 | 3763563.83 | 161.26 | 6.10 |
| 635 | 420200.59 | 3763573.11 | 161.54 | 6.10 |
| 636 | 420234.64 | 3763578.58 | 160.92 | 6.10 |
| 637 | 420200.59 | 3763593.11 | 161.58 | 6.10 |
| 638 | 420160.59 | 3763613.11 | 161.51 | 6.10 |

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| 639 | 420138.25 | 3763640.23 | 161.93 | 6.10 |
| 640 | 420200.59 | 3763613.11 | 161.43 | 6.10 |
| 641 | 420180.59 | 3763633.11 | 161.84 | 6.10 |
| 642 | 420172.25 | 3763655.97 | 162.05 | 6.10 |
| 643 | 420160.59 | 3763673.11 | 162.03 | 6.10 |
| 644 | 420160.59 | 3763693.11 | 161.99 | 6.10 |
| 645 | 420092.84 | 3763719.31 | 162.46 | 6.10 |
| 646 | 420140.59 | 3763713.11 | 162.14 | 6.10 |
| 647 | 420120.59 | 3763733.11 | 162.17 | 6.10 |
| 648 | 420804.93 | 3764263.30 | 163.49 | 6.10 |
| 649 | 420820.93 | 3764270.66 | 163.51 | 6.10 |
| 650 | 420839.88 | 3764276.55 | 163.54 | 6.10 |
| 651 | 420860.72 | 3764279.50 | 163.74 | 6.10 |
| 652 | 420880.72 | 3764279.50 | 163.85 | 6.10 |
| 653 | 420892.72 | 3764288.76 | 164.42 | 6.10 |
| 654 | 420900.72 | 3764299.50 | 164.19 | 6.10 |
| 655 | 420920.72 | 3764299.50 | 164.04 | 6.10 |
| 656 | 420980.72 | 3764299.50 | 163.74 | 6.10 |
| 657 | 420740.72 | 3764319.50 | 163.89 | 6.10 |
| 658 | 420780.72 | 3764319.50 | 163.79 | 6.10 |
| 659 | 420800.72 | 3764319.50 | 164.00 | 6.10 |
| 660 | 420820.72 | 3764319.50 | 164.04 | 6.10 |
| 661 | 420840.72 | 3764319.50 | 164.08 | 6.10 |
| 662 | 420940.72 | 3764319.50 | 164.49 | 6.10 |
| 663 | 420980.72 | 3764319.50 | 164.53 | 6.10 |
| 664 | 421003.29 | 3764310.49 | 164.53 | 6.10 |
| 665 | 421023.29 | 3764310.49 | 165.51 | 6.10 |
| 666 | 421043.29 | 3764310.49 | 165.63 | 6.10 |
| 667 | 421063.29 | 3764310.49 | 165.83 | 6.10 |
| 668 | 421083.29 | 3764310.49 | 166.01 | 6.10 |
| 669 | 421103.29 | 3764310.49 | 166.11 | 6.10 |
| 670 | 421123.29 | 3764310.49 | 166.13 | 6.10 |
| 671 | 421143.29 | 3764310.49 | 166.19 | 6.10 |
| 672 | 421163.29 | 3764310.49 | 166.25 | 6.10 |
| 673 | 421183.29 | 3764310.49 | 166.31 | 6.10 |
| 674 | 421203.29 | 3764310.49 | 166.29 | 6.10 |
| 675 | 421223.29 | 3764310.49 | 166.05 | 6.10 |
| 676 | 421243.29 | 3764310.49 | 166.02 | 6.10 |

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| 677 | 421263.29 | 3764310.49 | 165.99 | 6.10 |
| 678 | 421283.29 | 3764310.49 | 165.92 | 6.10 |
| 679 | 421303.29 | 3764310.49 | 165.75 | 6.10 |
| 680 | 420760.72 | 3764339.50 | 163.85 | 6.10 |
| 681 | 420860.72 | 3764339.50 | 164.15 | 6.10 |
| 682 | 420880.72 | 3764339.50 | 164.23 | 6.10 |
| 683 | 420920.72 | 3764339.50 | 164.43 | 6.10 |
| 684 | 420980.72 | 3764339.50 | 165.41 | 6.10 |
| 685 | 420700.42 | 3764305.37 | 164.68 | 6.10 |
| 686 | 420780.72 | 3764359.50 | 164.30 | 6.10 |
| 687 | 420800.72 | 3764359.50 | 164.42 | 6.10 |
| 688 | 420823.92 | 3764366.20 | 164.55 | 6.10 |
| 689 | 420920.72 | 3764359.50 | 165.47 | 6.10 |
| 690 | 420980.72 | 3764359.50 | 166.76 | 6.10 |
| 691 | 421010.96 | 3764363.22 | 166.30 | 6.10 |
| 692 | 421030.96 | 3764363.22 | 166.21 | 6.10 |
| 693 | 421050.96 | 3764363.22 | 166.37 | 6.10 |
| 694 | 421070.96 | 3764363.22 | 166.50 | 6.10 |
| 695 | 421090.96 | 3764363.22 | 166.67 | 6.10 |
| 696 | 421110.96 | 3764363.22 | 166.82 | 6.10 |
| 697 | 421130.96 | 3764363.22 | 167.08 | 6.10 |
| 698 | 421150.96 | 3764363.22 | 167.32 | 6.10 |
| 699 | 421170.96 | 3764363.22 | 166.89 | 6.10 |
| 700 | 421190.96 | 3764368.75 | 167.14 | 6.10 |
| 701 | 421210.17 | 3764368.36 | 166.91 | 6.10 |
| 702 | 421230.17 | 3764368.36 | 166.60 | 6.10 |
| 703 | 421250.17 | 3764368.36 | 166.47 | 6.10 |
| 704 | 421270.17 | 3764368.36 | 166.42 | 6.10 |
| 705 | 421290.17 | 3764368.36 | 166.30 | 6.10 |
| 706 | 421310.17 | 3764368.36 | 166.09 | 6.10 |
| 707 | 420843.63 | 3764371.64 | 164.91 | 6.10 |
| 708 | 420860.72 | 3764379.50 | 165.34 | 6.10 |
| 709 | 420880.72 | 3764379.50 | 166.13 | 6.10 |
| 710 | 420898.39 | 3764385.33 | 166.94 | 6.10 |
| 711 | 420980.72 | 3764379.50 | 168.59 | 6.10 |
| 712 | 420760.72 | 3764399.50 | 164.63 | 6.10 |
| 713 | 420780.72 | 3764399.50 | 164.65 | 6.10 |
| 714 | 420920.72 | 3764399.50 | 167.67 | 6.10 |

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| 715 | 420940.72 | 3764399.50 | 167.41 | 6.10 |
| 716 | 420980.72 | 3764399.50 | 170.53 | 6.10 |
| 717 | 420746.30 | 3764412.53 | 164.92 | 6.10 |
| 718 | 420780.72 | 3764419.50 | 165.35 | 6.10 |
| 719 | 420820.72 | 3764419.50 | 164.68 | 6.10 |
| 720 | 420840.72 | 3764419.50 | 165.00 | 6.10 |
| 721 | 420940.72 | 3764419.50 | 168.86 | 6.10 |
| 722 | 420980.72 | 3764419.50 | 172.17 | 6.10 |
| 723 | 421013.06 | 3764405.83 | 172.87 | 6.10 |
| 724 | 421033.06 | 3764405.83 | 173.71 | 6.10 |
| 725 | 421053.06 | 3764405.83 | 174.01 | 6.10 |
| 726 | 421073.06 | 3764405.83 | 174.28 | 6.10 |
| 727 | 421093.06 | 3764405.83 | 174.61 | 6.10 |
| 728 | 421113.06 | 3764405.83 | 174.98 | 6.10 |
| 729 | 421133.06 | 3764405.83 | 175.48 | 6.10 |
| 730 | 421160.72 | 3764419.50 | 177.48 | 6.10 |
| 731 | 421180.72 | 3764419.50 | 177.13 | 6.10 |
| 732 | 421220.72 | 3764419.50 | 169.57 | 6.10 |
| 733 | 421233.28 | 3764408.34 | 168.24 | 6.10 |
| 734 | 421253.28 | 3764408.34 | 168.05 | 6.10 |
| 735 | 421273.28 | 3764408.34 | 167.45 | 6.10 |
| 736 | 421293.28 | 3764408.34 | 167.19 | 6.10 |
| 737 | 420746.30 | 3764432.53 | 165.51 | 6.10 |
| 738 | 420780.72 | 3764439.50 | 165.68 | 6.10 |
| 739 | 420820.72 | 3764439.50 | 165.09 | 6.10 |
| 740 | 420860.72 | 3764439.50 | 166.28 | 6.10 |
| 741 | 420880.72 | 3764439.50 | 166.86 | 6.10 |
| 742 | 420940.72 | 3764439.50 | 169.54 | 6.10 |
| 743 | 420980.72 | 3764439.50 | 173.38 | 6.10 |
| 744 | 420994.21 | 3764452.98 | 174.41 | 6.10 |
| 745 | 421014.21 | 3764452.98 | 174.98 | 6.10 |
| 746 | 421034.21 | 3764452.98 | 175.56 | 6.10 |
| 747 | 421054.21 | 3764452.98 | 176.00 | 6.10 |
| 748 | 421074.21 | 3764452.98 | 176.28 | 6.10 |
| 749 | 421094.21 | 3764452.98 | 176.49 | 6.10 |
| 750 | 421114.21 | 3764452.98 | 176.90 | 6.10 |
| 751 | 421134.21 | 3764452.98 | 177.63 | 6.10 |
| 752 | 421180.72 | 3764439.50 | 178.56 | 6.10 |

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| 753 | 421220.72 | 3764439.50 | 170.55 | 6.10 |
| 754 | 420737.00 | 3764452.99 | 165.93 | 6.10 |
| 755 | 420780.72 | 3764459.50 | 165.86 | 6.10 |
| 756 | 420820.72 | 3764459.50 | 165.89 | 6.10 |
| 757 | 420920.72 | 3764459.50 | 171.11 | 6.10 |
| 758 | 421134.21 | 3764472.98 | 179.93 | 6.10 |
| 759 | 421180.72 | 3764459.50 | 180.06 | 6.10 |
| 760 | 421200.72 | 3764459.50 | 180.26 | 6.10 |
| 761 | 421233.28 | 3764448.34 | 170.52 | 6.10 |
| 762 | 421252.35 | 3764459.04 | 168.66 | 6.10 |
| 763 | 421293.28 | 3764448.34 | 167.10 | 6.10 |
| 764 | 420737.00 | 3764472.99 | 166.22 | 6.10 |
| 765 | 420820.72 | 3764479.50 | 166.81 | 6.10 |
| 766 | 420871.79 | 3764475.04 | 172.89 | 6.10 |
| 767 | 420920.72 | 3764479.50 | 173.40 | 6.10 |
| 768 | 421180.72 | 3764479.50 | 181.55 | 6.10 |
| 769 | 421200.72 | 3764479.50 | 182.55 | 6.10 |
| 770 | 421260.72 | 3764479.50 | 169.64 | 6.10 |
| 771 | 421280.72 | 3764479.50 | 167.61 | 6.10 |
| 772 | 420737.00 | 3764492.99 | 166.63 | 6.10 |
| 773 | 420767.69 | 3764492.53 | 166.95 | 6.10 |
| 774 | 420820.72 | 3764499.50 | 167.78 | 6.10 |
| 775 | 420871.79 | 3764495.04 | 174.89 | 6.10 |
| 776 | 420920.72 | 3764499.50 | 174.72 | 6.10 |
| 777 | 421114.21 | 3764512.98 | 188.88 | 6.10 |
| 778 | 421134.21 | 3764512.98 | 187.26 | 6.10 |
| 779 | 421200.72 | 3764499.50 | 183.87 | 6.10 |
| 780 | 421280.72 | 3764499.50 | 167.67 | 6.10 |
| 781 | 420730.48 | 3764507.70 | 166.72 | 6.10 |
| 782 | 420767.69 | 3764512.53 | 167.78 | 6.10 |
| 783 | 420820.72 | 3764519.50 | 169.14 | 6.10 |
| 784 | 420871.79 | 3764515.04 | 176.64 | 6.10 |
| 785 | 420920.72 | 3764519.50 | 177.45 | 6.10 |
| 786 | 421000.26 | 3764522.29 | 194.23 | 6.10 |
| 787 | 421020.26 | 3764522.29 | 194.71 | 6.10 |
| 788 | 421040.26 | 3764522.29 | 193.86 | 6.10 |
| 789 | 421060.26 | 3764522.29 | 192.78 | 6.10 |
| 790 | 421080.26 | 3764522.29 | 191.51 | 6.10 |

AERMOD

| | | | | |
|---|---|---|---|---|
| 791 | 421200.72 | 3764519.50 | 184.52 | 6.10 |
| 792 | 421280.72 | 3764519.50 | 167.77 | 6.10 |
| 793 | 420730.48 | 3764527.70 | 166.96 | 6.10 |
| 794 | 420767.69 | 3764532.53 | 168.64 | 6.10 |
| 795 | 420820.72 | 3764539.50 | 170.69 | 6.10 |
| 796 | 420860.72 | 3764539.50 | 177.78 | 6.10 |
| 797 | 420920.72 | 3764539.50 | 180.19 | 6.10 |
| 798 | 420980.72 | 3764539.50 | 196.07 | 6.10 |
| 799 | 421160.72 | 3764539.50 | 186.15 | 6.10 |
| 800 | 421180.72 | 3764539.50 | 185.11 | 6.10 |
| 801 | 421280.72 | 3764539.50 | 167.87 | 6.10 |
| 802 | 420860.72 | 3764559.50 | 179.66 | 6.10 |
| 803 | 420909.07 | 3764562.58 | 180.82 | 6.10 |
| 804 | 420980.72 | 3764559.50 | 196.42 | 6.10 |
| 805 | 421040.72 | 3764559.50 | 195.50 | 6.10 |
| 806 | 421080.72 | 3764559.50 | 191.82 | 6.10 |
| 807 | 421100.72 | 3764559.50 | 190.83 | 6.10 |
| 808 | 421120.72 | 3764559.50 | 189.64 | 6.10 |
| 809 | 421140.72 | 3764559.50 | 188.47 | 6.10 |
| 810 | 421160.72 | 3764559.50 | 187.23 | 6.10 |
| 811 | 420960.72 | 3764579.50 | 194.89 | 6.10 |
| 812 | 421020.72 | 3764579.50 | 196.11 | 6.10 |
| 813 | 420680.84 | 3764330.64 | 165.35 | 6.10 |
| 814 | 420720.84 | 3764330.64 | 164.63 | 6.10 |
| 815 | 420660.84 | 3764350.64 | 165.59 | 6.10 |
| 816 | 420692.00 | 3764425.97 | 165.39 | 6.10 |
| 817 | 420720.84 | 3764350.64 | 164.19 | 6.10 |
| 818 | 420660.84 | 3764370.64 | 165.98 | 6.10 |
| 819 | 420700.84 | 3764370.64 | 165.26 | 6.10 |
| 820 | 420700.84 | 3764390.64 | 165.35 | 6.10 |
| 821 | 420700.84 | 3764410.64 | 165.16 | 6.10 |
| 822 | 420680.84 | 3764450.64 | 166.30 | 6.10 |
| 823 | 420680.84 | 3764470.64 | 166.75 | 6.10 |
| 824 | 420680.84 | 3764490.64 | 167.16 | 6.10 |
| 825 | 420101.08 | 3763674.83 | 161.83 | 6.10 |
| 826 | 420083.47 | 3763665.61 | 161.77 | 6.10 |
| 827 | 420070.89 | 3763688.25 | 161.93 | 6.10 |
| 828 | 420083.05 | 3763697.47 | 162.13 | 6.10 |

AERMOD

| | | | | |
|---|---|---|---|---|
| 829 | 420043.64 | 3763644.22 | 162.04 | 6.10 |
| 830 | 420057.47 | 3763625.35 | 161.93 | 6.10 |
| 831 | 420067.12 | 3763611.93 | 161.95 | 6.10 |
| 832 | 420079.70 | 3763600.61 | 161.93 | 6.10 |
| 833 | 420101.50 | 3763588.45 | 161.61 | 6.10 |
| 834 | 420107.79 | 3763573.35 | 161.65 | 6.10 |
| 835 | 420119.53 | 3763558.68 | 161.49 | 6.10 |
| 836 | 420130.02 | 3763541.07 | 161.57 | 6.10 |
| 837 | 420141.76 | 3763528.91 | 161.45 | 6.10 |
| 838 | 420177.06 | 3763505.07 | 160.83 | 6.10 |
| 839 | 420182.52 | 3763490.53 | 160.96 | 6.10 |
| 840 | 420189.79 | 3763470.23 | 160.41 | 6.10 |
| 841 | 420205.24 | 3763456.30 | 160.02 | 6.10 |
| 842 | 420211.91 | 3763443.87 | 159.94 | 6.10 |
| 843 | 420221.30 | 3763427.51 | 159.48 | 6.10 |
| 844 | 420233.11 | 3763414.79 | 159.09 | 6.10 |
| 845 | 420187.06 | 3763375.10 | 164.87 | 6.10 |
| 846 | 420174.04 | 3763398.73 | 167.51 | 6.10 |
| 847 | 420159.80 | 3763419.94 | 170.29 | 6.10 |
| 848 | 420144.65 | 3763435.69 | 170.80 | 6.10 |
| 849 | 420157.37 | 3763449.33 | 168.17 | 6.10 |
| 850 | 420203.21 | 3763366.33 | 161.81 | 6.10 |
| 851 | 420212.30 | 3763349.37 | 160.41 | 6.10 |
| 852 | 420110.79 | 3763789.57 | 168.66 | 6.10 |
| 853 | 420095.76 | 3763777.27 | 168.55 | 6.10 |
| 854 | 420082.79 | 3763760.88 | 167.06 | 6.10 |
| 855 | 420069.13 | 3763754.06 | 167.71 | 6.10 |
| 856 | 420054.11 | 3763743.13 | 168.35 | 6.10 |
| 857 | 420101.91 | 3763822.34 | 167.99 | 6.10 |
| 858 | 420083.47 | 3763829.85 | 168.64 | 6.10 |
| 859 | 420062.30 | 3763818.25 | 168.54 | 6.10 |
| 860 | 420054.11 | 3763806.64 | 168.51 | 6.10 |
| 861 | 420037.04 | 3763795.71 | 168.41 | 6.10 |
| 862 | 420087.94 | 3763866.45 | 167.83 | 6.10 |
| 863 | 420066.97 | 3763858.48 | 168.09 | 6.10 |
| 864 | 420049.36 | 3763847.57 | 167.97 | 6.10 |
| 865 | 420032.58 | 3763850.93 | 167.67 | 6.10 |
| 866 | 420490.31 | 3764285.91 | 166.25 | 6.10 |

AERMOD

| | | | | |
|---|---|---|---|---|
| 867 | 420510.31 | 3764285.91 | 166.02 | 6.10 |
| 868 | 420530.31 | 3764285.91 | 165.74 | 6.10 |
| 869 | 420550.31 | 3764285.91 | 165.46 | 6.10 |
| 870 | 420570.31 | 3764285.91 | 165.28 | 6.10 |
| 871 | 420590.31 | 3764285.91 | 165.20 | 6.10 |
| 872 | 420610.31 | 3764285.91 | 165.19 | 6.10 |
| 873 | 420390.31 | 3764305.91 | 167.05 | 6.10 |
| 874 | 420410.31 | 3764305.91 | 166.93 | 6.10 |
| 875 | 420430.31 | 3764305.91 | 166.64 | 6.10 |
| 876 | 420450.31 | 3764305.91 | 166.61 | 6.10 |
| 877 | 420470.31 | 3764305.91 | 166.56 | 6.10 |
| 878 | 420490.31 | 3764305.91 | 166.47 | 6.10 |
| 879 | 420510.31 | 3764305.91 | 166.34 | 6.10 |
| 880 | 420530.31 | 3764305.91 | 166.16 | 6.10 |
| 881 | 420550.31 | 3764305.91 | 165.77 | 6.10 |
| 882 | 420570.31 | 3764305.91 | 165.51 | 6.10 |
| 883 | 420590.31 | 3764305.91 | 165.47 | 6.10 |
| 884 | 420610.31 | 3764305.91 | 165.63 | 6.10 |
| 885 | 420390.31 | 3764325.91 | 167.36 | 6.10 |
| 886 | 420410.31 | 3764325.91 | 167.27 | 6.10 |
| 887 | 420430.31 | 3764325.91 | 166.87 | 6.10 |
| 888 | 420450.31 | 3764325.91 | 166.92 | 6.10 |
| 889 | 420470.31 | 3764325.91 | 166.77 | 6.10 |
| 890 | 420490.31 | 3764325.91 | 166.66 | 6.10 |
| 891 | 420510.31 | 3764325.91 | 166.61 | 6.10 |
| 892 | 420530.31 | 3764325.91 | 166.53 | 6.10 |
| 893 | 420550.31 | 3764325.91 | 166.09 | 6.10 |
| 894 | 420570.31 | 3764325.91 | 165.75 | 6.10 |
| 895 | 420590.31 | 3764325.91 | 165.71 | 6.10 |
| 896 | 420410.31 | 3764345.91 | 167.20 | 6.10 |
| 897 | 420430.31 | 3764345.91 | 167.23 | 6.10 |
| 898 | 420450.31 | 3764345.91 | 167.43 | 6.10 |
| 899 | 420470.31 | 3764345.91 | 167.44 | 6.10 |
| 900 | 420490.31 | 3764345.91 | 167.11 | 6.10 |
| 901 | 420510.31 | 3764345.91 | 166.64 | 6.10 |
| 902 | 420530.31 | 3764345.91 | 166.55 | 6.10 |
| 903 | 420550.31 | 3764345.91 | 166.30 | 6.10 |
| 904 | 420570.31 | 3764345.91 | 166.02 | 6.10 |

| | | | | AERMOD |
|---|---|---|---|---|
| 905 | 420430.31 | 3764365.91 | 167.39 | 6.10 |
| 906 | 420450.31 | 3764365.91 | 167.57 | 6.10 |
| 907 | 420470.31 | 3764365.91 | 167.68 | 6.10 |
| 908 | 420490.31 | 3764365.91 | 167.47 | 6.10 |
| 909 | 420510.31 | 3764365.91 | 166.99 | 6.10 |
| 910 | 420530.31 | 3764365.91 | 166.53 | 6.10 |
| 911 | 420550.31 | 3764365.91 | 166.37 | 6.10 |
| 912 | 420570.31 | 3764365.91 | 166.36 | 6.10 |
| 913 | 420450.31 | 3764385.91 | 167.47 | 6.10 |
| 914 | 420470.31 | 3764385.91 | 167.66 | 6.10 |
| 915 | 420490.31 | 3764385.91 | 167.74 | 6.10 |
| 916 | 420510.31 | 3764385.91 | 167.49 | 6.10 |
| 917 | 420530.31 | 3764385.91 | 166.55 | 6.10 |
| 918 | 420550.31 | 3764385.91 | 166.41 | 6.10 |
| 919 | 420470.31 | 3764405.91 | 167.67 | 6.10 |
| 920 | 420490.31 | 3764405.91 | 167.69 | 6.10 |
| 921 | 420510.31 | 3764405.91 | 167.55 | 6.10 |
| 922 | 420530.31 | 3764405.91 | 167.07 | 6.10 |
| 923 | 420490.31 | 3764425.91 | 167.84 | 6.10 |
| 924 | 420510.31 | 3764425.91 | 167.91 | 6.10 |
| 925 | 420504.61 | 3764167.94 | 164.45 | 6.10 |
| 926 | 420511.08 | 3764158.02 | 164.31 | 6.10 |
| 927 | 420524.44 | 3764147.67 | 164.15 | 6.10 |
| 928 | 420535.23 | 3764136.03 | 164.17 | 6.10 |
| 929 | 420493.83 | 3764108.43 | 164.51 | 6.10 |
| 930 | 420483.05 | 3764124.38 | 164.64 | 6.10 |
| 931 | 420469.25 | 3764140.34 | 164.80 | 6.10 |
| 932 | 420454.16 | 3764160.60 | 164.94 | 6.10 |
| 933 | 420443.38 | 3764173.11 | 164.99 | 6.10 |
| 934 | 420427.85 | 3764193.38 | 165.48 | 6.10 |
| 935 | 420417.51 | 3764210.62 | 165.72 | 6.10 |
| 936 | 420405.86 | 3764224.42 | 166.12 | 6.10 |
| 937 | 420389.91 | 3764241.24 | 166.30 | 6.10 |
| 938 | 420379.13 | 3764258.92 | 166.63 | 6.10 |
| 939 | 420362.74 | 3764275.31 | 166.85 | 6.10 |
| 940 | 420351.10 | 3764286.95 | 167.15 | 6.10 |
| 941 | 420518.84 | 3764071.76 | 164.35 | 6.10 |
| 942 | 420534.99 | 3764080.89 | 164.24 | 6.10 |

AERMOD

| | | | | |
|---|---|---|---|---|
| 943 | 420548.34 | 3764092.83 | 164.08 | 6.10 |
| 944 | 420571.51 | 3764110.38 | 164.34 | 6.10 |
| 945 | 420591.17 | 3764123.02 | 163.84 | 6.10 |
| 946 | 420605.91 | 3764135.66 | 163.95 | 6.10 |
| 947 | 420622.06 | 3764145.49 | 163.89 | 6.10 |
| 948 | 420640.32 | 3764160.23 | 163.53 | 6.10 |
| 949 | 420614.34 | 3764193.23 | 163.63 | 6.10 |
| 950 | 420580.63 | 3764167.96 | 164.24 | 6.10 |
| 951 | 420565.89 | 3764182.00 | 164.10 | 6.10 |
| 952 | 420553.95 | 3764191.13 | 164.15 | 6.10 |
| 953 | 420597.49 | 3764203.77 | 164.11 | 6.10 |
| 954 | 420591.87 | 3764223.43 | 164.09 | 6.10 |
| 955 | 420539.91 | 3764200.26 | 164.40 | 6.10 |
| 956 | 420606.61 | 3764240.98 | 164.09 | 6.10 |
| 957 | 420629.08 | 3764250.81 | 163.89 | 6.10 |
| 958 | 420648.74 | 3764238.87 | 164.00 | 6.10 |
| 959 | 420651.55 | 3764222.73 | 163.75 | 6.10 |
| 960 | 420660.68 | 3764207.98 | 163.82 | 6.10 |
| 961 | 420667.00 | 3764195.34 | 163.69 | 6.10 |
| 962 | 420681.74 | 3764181.30 | 163.31 | 6.10 |
| 963 | 420712.64 | 3764215.70 | 164.15 | 6.10 |
| 964 | 420695.09 | 3764229.75 | 164.33 | 6.10 |
| 965 | 420732.30 | 3764227.64 | 164.09 | 6.10 |
| 966 | 420747.05 | 3764238.17 | 163.83 | 6.10 |
| 967 | 420767.41 | 3764245.19 | 163.44 | 6.10 |
| 968 | 420681.04 | 3764247.30 | 164.53 | 6.10 |
| 969 | 420668.40 | 3764264.85 | 164.80 | 6.10 |
| 970 | 420655.06 | 3764283.11 | 165.10 | 6.10 |
| 971 | 420641.02 | 3764297.86 | 165.36 | 6.10 |
| 972 | 420638.21 | 3764314.71 | 165.39 | 6.10 |
| 973 | 420629.08 | 3764330.86 | 165.55 | 6.10 |
| 974 | 420619.25 | 3764349.11 | 165.76 | 6.10 |
| 975 | 420605.91 | 3764381.41 | 166.49 | 6.10 |
| 976 | 420599.59 | 3764395.46 | 166.60 | 6.10 |
| 977 | 420572.91 | 3764397.56 | 166.87 | 6.10 |
| 978 | 420563.78 | 3764415.82 | 167.20 | 6.10 |
| 979 | 420537.80 | 3764434.78 | 168.56 | 6.10 |
| 980 | 420556.76 | 3764436.18 | 168.82 | 6.10 |

| | | | | AERMOD |
|---|---|---|---|---|
| 981 | 420575.72 | 3764441.10 | 169.33 | 6.10 |
| 982 | 420589.76 | 3764450.93 | 169.33 | 6.10 |
| 983 | 420638.21 | 3764481.82 | 168.73 | 6.10 |
| 984 | 420641.02 | 3764463.56 | 168.08 | 6.10 |
| 985 | 420648.74 | 3764446.01 | 167.59 | 6.10 |
| 986 | 420652.96 | 3764423.54 | 166.86 | 6.10 |
| 987 | 420652.96 | 3764410.90 | 166.47 | 6.10 |
| 988 | 420650.85 | 3764387.03 | 166.03 | 6.10 |
| 989 | 420295.36 | 3764152.91 | 166.63 | 6.10 |
| 990 | 420331.87 | 3764188.02 | 166.33 | 6.10 |
| 991 | 420353.64 | 3764208.38 | 166.67 | 6.10 |
| 992 | 420339.59 | 3764226.64 | 166.82 | 6.10 |
| 993 | 420327.66 | 3764237.87 | 167.06 | 6.10 |
| 994 | 420317.83 | 3764252.62 | 167.14 | 6.10 |
| 995 | 420300.27 | 3764231.55 | 167.33 | 6.10 |
| 996 | 420285.53 | 3764216.81 | 167.32 | 6.10 |
| 997 | 420271.48 | 3764206.28 | 167.56 | 6.10 |
| 998 | 420260.25 | 3764195.04 | 167.63 | 6.10 |
| 999 | 420283.42 | 3764171.17 | 166.63 | 6.10 |
| 1,000 | 420972.38 | 3763271.71 | 160.33 | |
| 1,001 | 420913.80 | 3763329.33 | 160.06 | |
| 1,002 | 420955.88 | 3763316.14 | 160.26 | |
| 1,003 | 421011.82 | 3763312.84 | 160.77 | |
| 1,004 | 420869.05 | 3763382.67 | 159.73 | |
| 1,005 | 420913.80 | 3763379.33 | 160.37 | |
| 1,006 | 420955.88 | 3763366.14 | 160.33 | |
| 1,007 | 421011.82 | 3763362.84 | 160.32 | |
| 1,008 | 420906.65 | 3763419.80 | 160.28 | |
| 1,009 | 420955.88 | 3763416.14 | 160.24 | |
| 1,010 | 421011.82 | 3763412.84 | 160.49 | |
| 1,011 | 421009.84 | 3763454.26 | 160.64 | |
| 1,012 | 420679.66 | 3764117.07 | 162.75 | |
| 1,013 | 420692.12 | 3764098.22 | 162.45 | |
| 1,014 | 420703.14 | 3764099.09 | 162.41 | |
| 1,015 | 420702.56 | 3764144.04 | 162.80 | |

## Plant Boundary Receptors

# Receptor Pathway



## Receptor Groups

| Record Number | Group ID | Group Description |
|---|---|---|
| 1 | UCART1 | Receptors generated from Uniform Cartesian Grid |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 92.98808 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 80.25737 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 74.92584 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 78.33366 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 67.20140 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 69.96470 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 72.72164 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 75.79048 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 79.59059 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 60.38939 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 62.75760 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 65.26132 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 67.75831 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 70.31856 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 73.16499 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 75.29780 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 54.33184 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 56.72898 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 58.81075 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 60.99344 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 63.08218 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 65.23318 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 67.81232 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 69.77631 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 72.19428 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 51.45048 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 53.29190 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 55.17820 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 56.98295 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 58.72893 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 60.60730 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 62.99286 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 64.87658 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 66.60458 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 68.53120 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 70.75463 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 46.81789 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 48.48767 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 50.16677 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 51.73942 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 53.04854 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 60.12942 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 76.16664 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 69.12019 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 63.00507 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 96.24797 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 88.95848 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 79.59598 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 71.46072 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 103.02061 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 92.42096 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 81.60218 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 91.85986 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 3.38436 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 2.39651 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 2.24503 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 2.31917 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 2.05883 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 2.11342 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 2.16578 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 2.23084 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 2.31288 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 1.88900 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 1.94160 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 1.99250 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 2.03757 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 2.08480 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 2.14226 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 2.18398 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.71581 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.79216 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 1.83426 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 1.88000 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.92191 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 1.96142 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 2.00333 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 2.04247 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 2.09574 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.62853 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.68328 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.73428 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.77636 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 1.81035 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 1.84793 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 1.88738 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 1.91951 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 1.94902 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 1.98710 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 2.03667 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.51180 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.54826 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.58377 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.62081 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.64801 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 40.53502 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 58.69177 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 33.48571 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 18.20081 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 65.68942 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 32.71167 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 22.98012 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 14.74873 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 26.06780 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 17.72869 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 12.46958 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 11.24182 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 3.49327 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 1.75692 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 1.60608 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 1.64210 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 1.44267 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 1.47278 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 1.50203 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 1.53082 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 1.55954 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 1.25562 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 1.32988 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 1.35472 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 1.37882 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 1.40239 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 1.42571 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 1.44838 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.14011 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.16211 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 1.18250 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 1.24987 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.26982 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 1.28929 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 1.30878 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 1.32777 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 1.34747 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.06037 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.07793 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.09506 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.11133 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 1.12689 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 1.14231 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 1.20571 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 1.22185 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 1.23835 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 1.25582 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 1.27489 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 0.97202 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 0.98740 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.00230 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.01634 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B1_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.02914 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 1.79937 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.42744 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 2.08815 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 1.81890 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 3.26601 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 2.79581 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 2.38708 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.07950 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 3.24383 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 2.77479 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 2.42466 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 2.81733 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 7.94165 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 10.39378 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 9.86757 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 10.51272 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 8.83228 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 9.35108 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 9.90346 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 10.53339 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 11.31193 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 7.92841 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 8.36158 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 8.83738 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 9.34194 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 9.88758 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 10.50848 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 11.07467 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 7.12571 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 7.53446 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 7.92757 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 8.35358 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 8.79091 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 9.26385 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 9.82464 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 10.33578 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 10.94755 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 6.81657 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 7.15279 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 7.51144 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 7.87851 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 8.25997 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 8.67941 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 9.19077 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 9.66285 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 10.14083 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 10.67761 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 11.30101 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 6.19016 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 6.48531 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 6.79494 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 7.10576 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 7.39785 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 6.30261 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 7.60434 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 7.13829 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 6.76955 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 9.10056 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 8.79473 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 8.18953 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 7.69745 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 10.03292 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 9.49901 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 8.85063 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 10.04418 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 3.24027 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 2.69701 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 2.54052 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 2.64079 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 2.31480 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 2.39787 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 2.48078 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 2.57086 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 2.67793 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 2.09322 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 2.17696 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 2.26509 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 2.33865 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 2.41467 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 2.49829 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 2.57138 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.88131 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.97765 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 2.04714 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 2.12643 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.20024 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 2.27225 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 2.34369 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 2.40845 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 2.48465 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.79180 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.85969 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.92587 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.99304 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 2.05421 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 2.11960 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 2.20750 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 2.26601 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 2.32042 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 2.38169 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 2.45063 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.65623 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.70599 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.75597 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.80788 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.85334 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 33.89883 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 49.12176 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 28.18724 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 15.49858 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 55.04507 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 27.70911 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 19.60656 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 12.76297 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 22.32081 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 15.40284 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 11.01717 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 10.15294 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.70545 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 2.29825 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 2.12348 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 2.22191 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 1.88317 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 1.96268 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 2.04536 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 2.13137 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 2.22045 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 1.62099 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 1.74784 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 1.81533 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 1.88491 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 1.95631 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 2.02949 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 2.10308 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.45673 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.50999 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 1.56359 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 1.68076 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.73905 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 1.79840 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 1.85891 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 1.91911 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 1.97969 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.36268 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.40746 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.45338 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.49979 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 1.54652 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 1.65611 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 1.70625 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 1.75570 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 1.80469 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 1.85325 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 1.90114 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.23679 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.27469 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.31325 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.35201 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B2_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.39020 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 1.83267 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.43573 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 2.11746 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 1.81817 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 3.15728 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 2.79177 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 2.40037 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.03891 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 3.20859 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 2.74813 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 2.30680 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 2.59090 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 34.74653 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 36.09905 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 34.32191 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 36.07660 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 31.16211 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 32.59725 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 34.08823 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 35.77859 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 37.87190 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 28.33009 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 29.55766 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 30.88992 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 32.27332 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 33.73962 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 35.40101 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 36.82093 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 25.76895 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 26.98375 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 28.09932 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 29.29520 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 30.49203 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 31.77104 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 33.29923 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 34.61313 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 36.20869 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 24.70102 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 25.68132 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 26.71157 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 27.74003 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 28.78221 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 29.92444 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 31.35008 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 32.59891 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 33.83382 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 35.22715 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 36.84399 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 22.67383 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 23.55655 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 24.46736 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 25.35752 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 26.15780 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 39.14564 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 48.98369 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 45.42784 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 42.55382 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 60.81177 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 58.54551 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 53.66945 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 49.64457 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 68.98381 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 64.45051 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 58.78809 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 68.65371 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 3.42566 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 2.60739 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 2.44119 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 2.53614 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 2.22056 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 2.29131 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 2.35834 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 2.44378 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 2.54049 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 2.02297 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 2.08443 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 2.15252 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 2.21658 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 2.27501 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 2.35372 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 2.41283 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.82820 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.91058 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 1.96441 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 2.02251 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.07738 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 2.13315 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 2.18886 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 2.24254 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 2.31103 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.73435 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.79629 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.85722 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.90543 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 1.94827 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 1.99747 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 2.05436 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 2.09839 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 2.13961 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 2.19460 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 2.24702 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.60432 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.64729 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.68965 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.73361 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.76986 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 38.80780 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 56.12793 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 32.06450 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 17.47090 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 62.80921 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 31.32293 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 22.03129 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 14.17038 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 24.98028 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 17.01723 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 11.99413 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 10.82290 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.35032 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 1.37270 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 1.23056 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 1.30590 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 1.12091 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 1.14537 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 1.16946 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 1.23787 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 1.26230 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 1.02575 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 1.04660 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 1.06747 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 1.08791 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 1.10813 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 1.17033 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 1.18975 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 0.94242 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 0.96116 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 0.97895 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 0.99663 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.01364 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 1.03042 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 1.04767 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 1.10405 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 1.12001 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 0.88622 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 0.90174 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 0.91702 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 0.93172 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 0.94598 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 0.96011 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 0.97501 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 0.98847 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 1.00130 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 1.05357 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 1.06653 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 0.82011 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 0.83375 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 0.84710 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 0.85994 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B3_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 0.87176 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 2.51299 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 3.57563 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 2.99816 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 2.49474 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 4.99699 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 4.25298 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 3.50481 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.87875 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 5.10162 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 4.16444 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 3.37634 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 3.94377 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 24.53724 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 34.11388 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 32.95668 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 35.03870 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 30.05984 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 31.76854 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 33.61306 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 35.74718 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 38.42087 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 27.45720 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 28.91804 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 30.53299 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 32.26797 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 34.17765 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 36.39658 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 38.49132 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 25.07995 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 26.47586 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 27.83754 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 29.32906 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 30.88999 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 32.60130 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 34.65170 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 36.60887 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 39.00033 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 24.29206 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 25.48313 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 26.76594 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 28.10069 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 29.50598 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 31.07292 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 32.98538 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 34.83718 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 36.78582 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 39.04121 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 41.72614 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 22.33458 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 23.39528 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 24.52148 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 25.67451 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_IDLE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 26.78613 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 26.66687 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 31.18741 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 29.98082 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 29.24379 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 36.02143 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 35.94026 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 34.42240 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 33.43793 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 40.63681 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 39.99464 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 38.74983 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 44.30035 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 3.22841 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 2.73067 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 2.57630 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 2.68168 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 2.34550 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 2.43154 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 2.51990 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 2.61650 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 2.72792 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 2.11663 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 2.20472 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 2.29177 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 2.37587 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 2.45723 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 2.54445 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 2.62420 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.90259 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.99892 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 2.07455 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 2.14921 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.22978 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 2.31245 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 2.38863 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 2.45835 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 2.54129 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.81076 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.88403 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.95426 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 2.01903 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 2.08690 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 2.15420 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 2.24992 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 2.31190 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 2.37307 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 2.43866 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 2.51344 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.67253 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.72425 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.77641 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.82912 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_ROUTE**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.87717 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 33.70904 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 48.55764 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 27.95365 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 15.45535 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 54.34257 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 27.40085 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 19.43016 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 12.68945 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 22.06105 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 15.24794 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 10.92903 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 10.05356 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 2.10654 | ug/m^3 | Daycare | 420268.56 | 3763810.41 | 162.77 | 0.00 | 162.77 | |
| PERIOD | | 1.91328 | ug/m^3 | School | 420470.31 | 3764165.91 | 164.98 | 0.00 | 164.98 | |
| PERIOD | | 1.79475 | ug/m^3 | School | 420470.31 | 3764185.91 | 165.11 | 0.00 | 165.11 | |
| PERIOD | | 1.87732 | ug/m^3 | School | 420490.31 | 3764185.91 | 164.91 | 0.00 | 164.91 | |
| PERIOD | | 1.61451 | ug/m^3 | School | 420450.31 | 3764205.91 | 165.41 | 0.00 | 165.41 | |
| PERIOD | | 1.68289 | ug/m^3 | School | 420470.31 | 3764205.91 | 165.27 | 0.00 | 165.27 | |
| PERIOD | | 1.75478 | ug/m^3 | School | 420490.31 | 3764205.91 | 165.14 | 0.00 | 165.14 | |
| PERIOD | | 1.83053 | ug/m^3 | School | 420510.31 | 3764205.91 | 164.92 | 0.00 | 164.92 | |
| PERIOD | | 1.91033 | ug/m^3 | School | 420530.31 | 3764205.91 | 164.51 | 0.00 | 164.51 | |
| PERIOD | | 1.40840 | ug/m^3 | School | 420430.31 | 3764225.91 | 165.79 | 0.00 | 165.79 | |
| PERIOD | | 1.46376 | ug/m^3 | School | 420450.31 | 3764225.91 | 165.66 | 0.00 | 165.66 | |
| PERIOD | | 1.57770 | ug/m^3 | School | 420470.31 | 3764225.91 | 165.49 | 0.00 | 165.49 | |
| PERIOD | | 1.64031 | ug/m^3 | School | 420490.31 | 3764225.91 | 165.33 | 0.00 | 165.33 | |
| PERIOD | | 1.70569 | ug/m^3 | School | 420510.31 | 3764225.91 | 165.15 | 0.00 | 165.15 | |
| PERIOD | | 1.77385 | ug/m^3 | School | 420530.31 | 3764225.91 | 164.88 | 0.00 | 164.88 | |
| PERIOD | | 1.84426 | ug/m^3 | School | 420550.31 | 3764225.91 | 164.81 | 0.00 | 164.81 | |
| PERIOD | | 1.27924 | ug/m^3 | School | 420410.31 | 3764245.91 | 166.28 | 0.00 | 166.28 | |
| PERIOD | | 1.32703 | ug/m^3 | School | 420430.31 | 3764245.91 | 165.99 | 0.00 | 165.99 | |
| PERIOD | | 1.37573 | ug/m^3 | School | 420450.31 | 3764245.91 | 165.86 | 0.00 | 165.86 | |
| PERIOD | | 1.42654 | ug/m^3 | School | 420470.31 | 3764245.91 | 165.70 | 0.00 | 165.70 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.47896 | ug/m^3 | School | 420490.31 | 3764245.91 | 165.58 | 0.00 | 165.58 | |
| PERIOD | | 1.58989 | ug/m^3 | School | 420510.31 | 3764245.91 | 165.43 | 0.00 | 165.43 | |
| PERIOD | | 1.64832 | ug/m^3 | School | 420530.31 | 3764245.91 | 165.13 | 0.00 | 165.13 | |
| PERIOD | | 1.70817 | ug/m^3 | School | 420550.31 | 3764245.91 | 165.02 | 0.00 | 165.02 | |
| PERIOD | | 1.76981 | ug/m^3 | School | 420570.31 | 3764245.91 | 164.75 | 0.00 | 164.75 | |
| PERIOD | | 1.20908 | ug/m^3 | School | 420410.31 | 3764265.91 | 166.36 | 0.00 | 166.36 | |
| PERIOD | | 1.25041 | ug/m^3 | School | 420430.31 | 3764265.91 | 166.22 | 0.00 | 166.22 | |
| PERIOD | | 1.29329 | ug/m^3 | School | 420450.31 | 3764265.91 | 166.07 | 0.00 | 166.07 | |
| PERIOD | | 1.33730 | ug/m^3 | School | 420470.31 | 3764265.91 | 165.96 | 0.00 | 165.96 | |
| PERIOD | | 1.38249 | ug/m^3 | School | 420490.31 | 3764265.91 | 165.87 | 0.00 | 165.87 | |
| PERIOD | | 1.42935 | ug/m^3 | School | 420510.31 | 3764265.91 | 165.72 | 0.00 | 165.72 | |
| PERIOD | | 1.53297 | ug/m^3 | School | 420530.31 | 3764265.91 | 165.38 | 0.00 | 165.38 | |
| PERIOD | | 1.58383 | ug/m^3 | School | 420550.31 | 3764265.91 | 165.21 | 0.00 | 165.21 | |
| PERIOD | | 1.63553 | ug/m^3 | School | 420570.31 | 3764265.91 | 165.07 | 0.00 | 165.07 | |
| PERIOD | | 1.68808 | ug/m^3 | School | 420590.31 | 3764265.91 | 164.84 | 0.00 | 164.84 | |
| PERIOD | | 1.74127 | ug/m^3 | School | 420610.31 | 3764265.91 | 164.50 | 0.00 | 164.50 | |
| PERIOD | | 1.10666 | ug/m^3 | School | 420390.31 | 3764285.91 | 166.76 | 0.00 | 166.76 | |
| PERIOD | | 1.14217 | ug/m^3 | School | 420410.31 | 3764285.91 | 166.59 | 0.00 | 166.59 | |
| PERIOD | | 1.17871 | ug/m^3 | School | 420430.31 | 3764285.91 | 166.43 | 0.00 | 166.43 | |
| PERIOD | | 1.21604 | ug/m^3 | School | 420450.31 | 3764285.91 | 166.33 | 0.00 | 166.33 | |

# Sensitive Receptor Summary

COW-05 Operational HRA
Walnut

**Concentration - Source Group: B4_TR_ON**

| Averaging Period | Rank | Peak | Units | Receptor ID | X (m) | Y (m) | ZELEV (m) | ZFLAG (m) | ZHILL (m) | Peak Date, Start Hour |
|---|---|---|---|---|---|---|---|---|---|---|
| PERIOD | | 1.25355 | ug/m^3 | School | 420470.31 | 3764285.91 | 166.35 | 0.00 | 166.35 | |
| PERIOD | | 2.20091 | ug/m^3 | HS | 420972.38 | 3763271.71 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.88823 | ug/m^3 | HS | 420913.80 | 3763329.33 | 160.06 | 0.00 | 160.06 | |
| PERIOD | | 2.55638 | ug/m^3 | HS | 420955.88 | 3763316.14 | 160.26 | 0.00 | 160.26 | |
| PERIOD | | 2.22499 | ug/m^3 | HS | 421011.82 | 3763312.84 | 160.77 | 0.00 | 160.77 | |
| PERIOD | | 3.65729 | ug/m^3 | HS | 420869.05 | 3763382.67 | 159.73 | 0.00 | 159.73 | |
| PERIOD | | 3.34767 | ug/m^3 | HS | 420913.80 | 3763379.33 | 160.37 | 0.00 | 160.37 | |
| PERIOD | | 2.93825 | ug/m^3 | HS | 420955.88 | 3763366.14 | 160.33 | 0.00 | 160.33 | |
| PERIOD | | 2.53164 | ug/m^3 | HS | 421011.82 | 3763362.84 | 160.32 | 0.00 | 160.32 | |
| PERIOD | | 3.86576 | ug/m^3 | HS | 420906.65 | 3763419.80 | 160.28 | 0.00 | 160.28 | |
| PERIOD | | 3.41970 | ug/m^3 | HS | 420955.88 | 3763416.14 | 160.24 | 0.00 | 160.24 | |
| PERIOD | | 2.91176 | ug/m^3 | HS | 421011.82 | 3763412.84 | 160.49 | 0.00 | 160.49 | |
| PERIOD | | 3.32035 | ug/m^3 | HS | 421009.84 | 3763454.26 | 160.64 | 0.00 | 160.64 | |

# Source Pathway - Source Inputs



## Point Sources

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|---|---|---|---|---|---|---|---|---|---|
| POINT | STCK1 | 420678.02<br>Building 1 - 1 | 3763837.46 | 160.78 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK2 | 420680.39<br>Building 1 - 2 | 3763834.63 | 160.75 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK3 | 420682.97<br>Building 1 - 3 | 3763830.93 | 160.72 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK4 | 420685.55<br>Building 1 - 4 | 3763827.89 | 160.68 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK5 | 420687.91<br>Building 1 - 5 | 3763824.62 | 160.66 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK6 | 420690.49<br>Building 1 - 6 | 3763821.79 | 160.65 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK7 | 420692.42<br>Building 1 - 7 | 3763818.53 | 160.64 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK8 | 420695.00<br>Building 1 - 8 | 3763815.48 | 160.64 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK9 | 420700.16<br>Building 1 - 9 | 3763808.52 | 160.66 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK10 | 420702.31<br>Building 1 - 10 | 3763806.12 | 160.66 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK11 | 420705.11<br>Building 1 - 11 | 3763803.07 | 160.68 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK12 | 420706.82<br>Building 1 - 12 | 3763800.25 | 160.71 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |

# Source Pathway - Source Inputs

AERMOD

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|---|---|---|---|---|---|---|---|---|---|
| POINT | STCK13 | 420709.62<br>Building 1 - 13 | 3763797.20 | 160.75 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK14 | 420711.76<br>Building 1 - 14 | 3763793.50 | 160.71 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK15 | 420714.13<br>Building 1 - 15 | 3763790.67 | 160.69 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK16 | 420716.49<br>Building 1 - 16 | 3763787.41 | 160.65 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK17 | 420721.43<br>Building 1 - 17 | 3763781.31 | 160.57 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK18 | 420724.23<br>Building 1 - 18 | 3763777.83 | 160.52 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK19 | 420726.16<br>Building 1 - 19 | 3763775.00 | 160.48 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK20 | 420728.74<br>Building 1 - 20 | 3763771.52 | 160.43 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK21 | 420731.10<br>Building 1 - 21 | 3763768.26 | 160.37 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK22 | 420733.46<br>Building 1 - 22 | 3763765.00 | 160.33 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK23 | 420735.61<br>Building 1 - 23 | 3763762.39 | 160.32 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK24 | 420738.41<br>Building 1 - 24 | 3763758.90 | 160.31 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK25 | 420820.81<br>Building 2 - 1 | 3763915.43 | 160.93 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |

# Source Pathway - Source Inputs

AERMOD

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|---|---|---|---|---|---|---|---|---|---|
| POINT | STCK26 | 420823.50<br>Building 2 - 2 | 3763912.28 | 160.88 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK27 | 420825.76<br>Building 2 - 3 | 3763908.42 | 160.84 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK28 | 420829.49<br>Building 3 - 1 | 3763834.69 | 160.46 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK29 | 420831.62<br>Building 3 - 2 | 3763831.44 | 160.44 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK30 | 420834.08<br>Building 3 - 3 | 3763827.98 | 160.41 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK31 | 420836.00<br>Building 3 - 4 | 3763824.96 | 160.42 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK32 | 420838.34<br>Building 3 - 5 | 3763821.39 | 160.45 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK33 | 420840.69<br>Building 3 - 6 | 3763818.26 | 160.49 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK34 | 420845.61<br>Building 3 - 7 | 3763812.09 | 160.59 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK35 | 420847.95<br>Building 3 - 8 | 3763808.95 | 160.65 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK36 | 420849.98<br>Building 3 - 9 | 3763805.82 | 160.70 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK37 | 420852.65<br>Building 3 - 10 | 3763802.36 | 160.78 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK38 | 420854.68<br>Building 3 - 11 | 3763799.22 | 160.84 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |

# Source Pathway - Source Inputs

AERMOD

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|---|---|---|---|---|---|---|---|---|---|
| POINT | STCK39 | 420857.03<br>Building 3 - 12 | 3763796.19 | 160.92 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK40 | 420859.26<br>Building 3 - 13 | 3763792.74 | 160.95 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK41 | 420861.61<br>Building 3 - 14 | 3763789.28 | 160.94 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK42 | 420950.45<br>Building 4 - 1 | 3763972.02 | 161.48 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK43 | 420950.79<br>Building 4 - 2 | 3763968.30 | 161.46 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK44 | 420950.01<br>Building 4 - 3 | 3763964.21 | 161.44 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK45 | 420949.79<br>Building 4 - 4 | 3763960.30 | 161.43 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK46 | 420949.94<br>Building 4 - 5 | 3763956.01 | 161.40 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK47 | 420949.90<br>Building 4 - 6 | 3763952.10 | 161.38 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK48 | 420950.03<br>Building 4 - 7 | 3763944.47 | 161.38 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK49 | 420949.62<br>Building 4 - 8 | 3763940.19 | 161.38 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK50 | 420949.96<br>Building 4 - 9 | 3763936.46 | 161.39 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK51 | 420950.11<br>Building 4 - 10 | 3763932.18 | 161.40 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |

# Source Pathway - Source Inputs

AERMOD

| Source Type | Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation (Optional) | Release Height [m] | Emission Rate [g/s] | Gas Exit Temp. [K] | Gas Exit Velocity [m/s] | Stack Inside Diameter [m] |
|---|---|---|---|---|---|---|---|---|---|
| POINT | STCK52 | 420949.52<br>Building 4 - 11 | 3763928.27 | 161.40 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK53 | 420949.49<br>Building 4 - 12 | 3763924.36 | 161.40 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |
| POINT | STCK54 | 420949.64<br>Building 4 - 13 | 3763920.83 | 161.41 | 4.15 | 1.00000 | 366.00 | 51.70 | 0.10 |

# Source Pathway - Source Inputs



### Polygon Area Sources

**Source Type:** AREA POLY

**Source:** PAREA1 (Building 1 Truck Area)

| Base Elevation (Optional) | Release Height [m] | Emission Rate [g/ (s-m^2)] | Initial Vertical Dim. [m] | Number of Vertices (or sides) | X Coordinate for Vertices [m] | Y Coordinate for Vertices [m] |
|---|---|---|---|---|---|---|
| 160.70 | 4.15 | 0.00012 | 1.93 | 28 | 420682.26 | 3763875.99 |
| | | 0.00012 | | | 420679.92 | 3763879.31 |
| | | 0.00012 | | | 420685.63 | 3763883.27 |
| | | 0.00012 | | | 420691.73 | 3763875.91 |
| | | 0.00012 | | | 420695.06 | 3763877.53 |
| | | 0.00012 | | | 420691.55 | 3763882.98 |
| | | 0.00012 | | | 420715.94 | 3763899.91 |
| | | 0.00012 | | | 420719.33 | 3763895.14 |
| | | 0.00012 | | | 420724.28 | 3763898.51 |
| | | 0.00012 | | | 420740.93 | 3763874.62 |
| | | 0.00012 | | | 420751.22 | 3763857.91 |
| | | 0.00012 | | | 420757.69 | 3763846.28 |
| | | 0.00012 | | | 420774.27 | 3763808.98 |
| | | 0.00012 | | | 420769.16 | 3763806.11 |
| | | 0.00012 | | | 420769.14 | 3763803.67 |
| | | 0.00012 | | | 420771.11 | 3763802.33 |
| | | 0.00012 | | | 420773.09 | 3763802.32 |
| | | 0.00012 | | | 420777.73 | 3763805.00 |
| | | 0.00012 | | | 420782.92 | 3763793.13 |
| | | 0.00012 | | | 420776.20 | 3763791.02 |
| | | 0.00012 | | | 420775.05 | 3763789.25 |
| | | 0.00012 | | | 420766.29 | 3763778.71 |
| | | 0.00012 | | | 420739.20 | 3763756.87 |
| | | 0.00012 | | | 420671.62 | 3763845.94 |
| | | 0.00012 | | | 420692.81 | 3763861.45 |
| | | 0.00012 | | | 420690.26 | 3763866.63 |
| | | 0.00012 | | | 420685.61 | 3763861.94 |
| | | 0.00012 | | | 420677.20 | 3763873.05 |

# Source Pathway - Source Inputs



**Source Type:** AREA POLY
**Source:** PAREA2 (Building 2 Truck Area)

| Base Elevation (Optional) | Release Height [m] | Emission Rate [g/ (s-m^2)] | Initial Vertical Dim. [m] | Number of Vertices (or sides) | X Coordinate for Vertices [m] | Y Coordinate for Vertices [m] |
|---|---|---|---|---|---|---|
| 160.75 | 4.15 | 0.00065 | 1.93 | 24 | 420814.38 | 3763971.31 |
| | | 0.00065 | | | 420821.92 | 3763976.85 |
| | | 0.00065 | | | 420825.62 | 3763971.79 |
| | | 0.00065 | | | 420830.85 | 3763975.33 |
| | | 0.00065 | | | 420853.32 | 3763942.94 |
| | | 0.00065 | | | 420848.64 | 3763939.15 |
| | | 0.00065 | | | 420850.44 | 3763936.62 |
| | | 0.00065 | | | 420852.46 | 3763936.70 |
| | | 0.00065 | | | 420858.47 | 3763941.79 |
| | | 0.00065 | | | 420864.37 | 3763934.09 |
| | | 0.00065 | | | 420857.96 | 3763929.51 |
| | | 0.00065 | | | 420858.35 | 3763927.20 |
| | | 0.00065 | | | 420859.65 | 3763925.58 |
| | | 0.00065 | | | 420845.09 | 3763914.02 |
| | | 0.00065 | | | 420842.29 | 3763917.67 |
| | | 0.00065 | | | 420826.94 | 3763907.43 |
| | | 0.00065 | | | 420819.54 | 3763917.36 |
| | | 0.00065 | | | 420834.90 | 3763927.79 |
| | | 0.00065 | | | 420830.90 | 3763933.16 |
| | | 0.00065 | | | 420837.61 | 3763937.73 |
| | | 0.00065 | | | 420835.62 | 3763941.78 |
| | | 0.00065 | | | 420830.33 | 3763938.30 |
| | | 0.00065 | | | 420813.25 | 3763962.59 |
| | | 0.00065 | | | 420818.23 | 3763966.07 |

# Source Pathway - Source Inputs



**Source Type:** AREA POLY
**Source:** PAREA3 (Building 3 Truck Area)

| Base Elevation (Optional) | Release Height [m] | Emission Rate [g/ (s-m^2)] | Initial Vertical Dim. [m] | Number of Vertices (or sides) | X Coordinate for Vertices [m] | Y Coordinate for Vertices [m] |
|---|---|---|---|---|---|---|
| 160.04 | 4.15 | 0.00029 | 1.93 | 20 | 420785.26 | 3763843.98 |
| | | 0.00029 | | | 420803.14 | 3763853.90 |
| | | 0.00029 | | | 420810.83 | 3763842.66 |
| | | 0.00029 | | | 420813.70 | 3763835.29 |
| | | 0.00029 | | | 420808.82 | 3763832.21 |
| | | 0.00029 | | | 420809.81 | 3763829.49 |
| | | 0.00029 | | | 420824.57 | 3763841.54 |
| | | 0.00029 | | | 420868.55 | 3763781.40 |
| | | 0.00029 | | | 420833.07 | 3763757.54 |
| | | 0.00029 | | | 420829.13 | 3763757.98 |
| | | 0.00029 | | | 420824.85 | 3763754.49 |
| | | 0.00029 | | | 420818.38 | 3763766.12 |
| | | 0.00029 | | | 420825.39 | 3763770.59 |
| | | 0.00029 | | | 420824.02 | 3763775.73 |
| | | 0.00029 | | | 420817.94 | 3763773.77 |
| | | 0.00029 | | | 420794.95 | 3763829.51 |
| | | 0.00029 | | | 420800.33 | 3763832.28 |
| | | 0.00029 | | | 420798.04 | 3763836.13 |
| | | 0.00029 | | | 420795.92 | 3763836.75 |
| | | 0.00029 | | | 420789.92 | 3763832.27 |

# Source Pathway - Source Inputs



**Source Type:** AREA POLY
**Source:** PAREA4 (Building 4 Truck Area)

| Base Elevation (Optional) | Release Height [m] | Emission Rate [g/ (s-m^2)] | Initial Vertical Dim. [m] | Number of Vertices (or sides) | X Coordinate for Vertices [m] | Y Coordinate for Vertices [m] |
|---|---|---|---|---|---|---|
| 160.54 | 4.15 | 0.00026 | 1.93 | 19 | 420877.45 | 3763949.97 |
| | | 0.00026 | | | 420880.91 | 3763952.55 |
| | | 0.00026 | | | 420877.00 | 3763956.61 |
| | | 0.00026 | | | 420922.06 | 3763989.14 |
| | | 0.00026 | | | 420931.39 | 3763980.01 |
| | | 0.00026 | | | 420949.49 | 3763980.56 |
| | | 0.00026 | | | 420948.67 | 3763919.48 |
| | | 0.00026 | | | 420930.68 | 3763919.53 |
| | | 0.00026 | | | 420930.95 | 3763915.20 |
| | | 0.00026 | | | 420936.60 | 3763914.75 |
| | | 0.00026 | | | 420936.37 | 3763898.35 |
| | | 0.00026 | | | 420930.50 | 3763898.40 |
| | | 0.00026 | | | 420930.56 | 3763893.37 |
| | | 0.00026 | | | 420918.05 | 3763908.47 |
| | | 0.00026 | | | 420918.70 | 3763913.90 |
| | | 0.00026 | | | 420894.43 | 3763937.45 |
| | | 0.00026 | | | 420895.53 | 3763948.00 |
| | | 0.00026 | | | 420893.12 | 3763950.04 |
| | | 0.00026 | | | 420884.67 | 3763942.26 |

# Source Pathway - Source Inputs



## Line Volume Sources

**Source Type:** LINE VOLUME
**Source:** SLINE1 (Building 1 Truck Route 1)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.53000 | | 420682.49 | 3763883.47 | 160.74 | 4.15 |
| | | | 420676.51 | 3763893.35 | 160.76 | 4.15 |
| | | | 420526.84 | 3763787.98 | 161.36 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** SLINE2 (Building 1 Truck Route 2)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.47000 | | 420784.41 | 3763801.29 | 159.57 | 4.15 |
| | | | 420792.21 | 3763805.19 | 159.58 | 4.15 |
| | | | 420811.71 | 3763753.02 | 159.94 | 4.15 |
| | | | 420852.18 | 3763695.49 | 159.99 | 4.15 |
| | | | 420691.77 | 3763572.62 | 159.06 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** SLINE3 (Building 2 Truck Route 1)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.51000 | | 420814.26 | 3763980.73 | 160.66 | 4.15 |
| | | | 420735.09 | 3763928.92 | 160.53 | 4.15 |
| | | | 420682.49 | 3763883.47 | 160.74 | 4.15 |
| | | | 420676.51 | 3763893.35 | 160.76 | 4.15 |
| | | | 420526.84 | 3763787.98 | 161.36 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

# Source Pathway - Source Inputs



**Source Type:** LINE VOLUME
**Source:** SLINE4 (Building 2 Truck Route 2)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.49000 | | 420866.49 | 3763943.01 | 160.42 | 4.15 |
| | | | 420901.72 | 3763911.10 | 160.82 | 4.15 |
| | | | 420990.83 | 3763796.70 | 160.77 | 4.15 |
| | | | 420852.18 | 3763695.49 | 159.99 | 4.15 |
| | | | 420691.77 | 3763572.62 | 159.06 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** SLINE5 (Building 3 Truck Route 1)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.59000 | | 420777.54 | 3763832.37 | 159.56 | 4.15 |
| | | | 420764.38 | 3763863.58 | 159.84 | 4.15 |
| | | | 420725.85 | 3763923.07 | 160.47 | 4.15 |
| | | | 420676.51 | 3763893.35 | 160.76 | 4.15 |
| | | | 420526.84 | 3763787.98 | 161.36 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** SLINE6 (Building 3 Truck Route 2)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.41000 | | 420811.71 | 3763753.02 | 159.94 | 4.15 |
| | | | 420852.18 | 3763695.49 | 159.99 | 4.15 |
| | | | 420691.77 | 3763572.62 | 159.06 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

# Source Pathway - Source Inputs



**Source Type:** LINE VOLUME
**Source:** SLINE7 (Building 4 Truck Route 1)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.55000 | | 420872.48 | 3763938.37 | 160.62 | 4.15 |
| | | | 420834.35 | 3763994.33 | 160.49 | 4.15 |
| | | | 420676.51 | 3763893.35 | 160.76 | 4.15 |
| | | | 420526.84 | 3763787.98 | 161.36 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

**Source Type:** LINE VOLUME
**Source:** SLINE8 (Building 4 Truck Route 2)

| Length of Side [m] | Emission Rate [g/ s] | Building Height [m] | X Coordinate for Points [m] | Y Coordinate for points [m] | Base Elevation [m] | Release Height [m] |
|---|---|---|---|---|---|---|
| 14.79 | 0.45000 | | 420918.24 | 3763897.87 | 160.76 | 4.15 |
| | | | 420990.83 | 3763796.70 | 160.77 | 4.15 |
| | | | 420852.18 | 3763695.49 | 159.99 | 4.15 |
| | | | 420691.77 | 3763572.62 | 159.06 | 4.15 |
| | | | 420940.52 | 3763244.22 | 160.01 | 4.15 |
| | | | 420993.22 | 3763138.04 | 160.74 | 4.15 |

# Source Pathway - Source Inputs



### Volume Sources Generated from Line Sources

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE2 | L0000559 | 420791.02 | 3763804.60 | 159.65 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000560 | 420796.92 | 3763792.58 | 159.75 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000561 | 420802.10 | 3763778.73 | 159.72 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000562 | 420807.28 | 3763764.88 | 159.59 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000563 | 420812.94 | 3763751.28 | 159.96 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000564 | 420821.45 | 3763739.18 | 160.04 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000565 | 420829.96 | 3763727.08 | 159.93 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000566 | 420838.47 | 3763714.99 | 160.05 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000567 | 420846.98 | 3763702.89 | 160.07 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000568 | 420847.62 | 3763692.00 | 159.98 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000569 | 420835.88 | 3763683.00 | 159.95 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000570 | 420824.14 | 3763674.01 | 159.75 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000571 | 420812.39 | 3763665.02 | 159.61 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000572 | 420800.65 | 3763656.02 | 159.67 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000573 | 420788.91 | 3763647.03 | 159.69 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000574 | 420777.17 | 3763638.04 | 159.60 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000575 | 420765.43 | 3763629.04 | 159.55 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000576 | 420753.69 | 3763620.05 | 159.49 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000577 | 420741.95 | 3763611.06 | 159.21 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000578 | 420730.20 | 3763602.06 | 159.08 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000579 | 420718.46 | 3763593.07 | 159.28 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000580 | 420706.72 | 3763584.08 | 159.20 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000581 | 420694.98 | 3763575.08 | 159.13 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000582 | 420698.25 | 3763564.06 | 159.32 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE2 | L0000583 | 420707.18 | 3763552.27 | 159.68 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000584 | 420716.11 | 3763540.48 | 159.77 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000585 | 420725.04 | 3763528.69 | 159.82 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000586 | 420733.97 | 3763516.90 | 158.64 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000587 | 420742.90 | 3763505.11 | 157.67 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000588 | 420751.83 | 3763493.32 | 158.74 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000589 | 420760.76 | 3763481.53 | 159.53 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000590 | 420769.69 | 3763469.74 | 159.40 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000591 | 420778.63 | 3763457.95 | 159.34 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000592 | 420787.56 | 3763446.16 | 159.34 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000593 | 420796.49 | 3763434.37 | 159.22 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000594 | 420805.42 | 3763422.58 | 159.17 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000595 | 420814.35 | 3763410.79 | 159.37 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000596 | 420823.28 | 3763399.00 | 159.34 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000597 | 420832.21 | 3763387.21 | 159.32 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000598 | 420841.14 | 3763375.42 | 159.51 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000599 | 420850.07 | 3763363.63 | 159.48 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000600 | 420859.00 | 3763351.84 | 159.78 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000601 | 420867.93 | 3763340.06 | 159.97 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000602 | 420876.86 | 3763328.27 | 159.82 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000603 | 420885.79 | 3763316.48 | 159.79 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000604 | 420894.72 | 3763304.69 | 159.82 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000605 | 420903.65 | 3763292.90 | 159.78 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000606 | 420912.58 | 3763281.11 | 159.81 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000607 | 420921.51 | 3763269.32 | 159.86 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE2 | L0000608 | 420930.44 | 3763257.53 | 159.95 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000609 | 420939.37 | 3763245.74 | 160.03 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000610 | 420946.25 | 3763232.68 | 160.03 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000611 | 420952.82 | 3763219.43 | 160.09 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000612 | 420959.40 | 3763206.18 | 160.17 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000613 | 420965.97 | 3763192.93 | 160.27 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000614 | 420972.55 | 3763179.69 | 160.47 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000615 | 420979.13 | 3763166.44 | 160.61 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000616 | 420985.70 | 3763153.19 | 160.67 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |
| | L0000617 | 420992.28 | 3763139.94 | 160.78 | 4.15 | 0.00797 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE1 | L0000618 | 420678.66 | 3763889.80 | 160.78 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000619 | 420667.81 | 3763887.23 | 161.04 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000620 | 420655.72 | 3763878.71 | 161.28 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000621 | 420643.62 | 3763870.20 | 161.18 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000622 | 420631.53 | 3763861.69 | 161.04 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000623 | 420619.43 | 3763853.17 | 161.16 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000624 | 420607.34 | 3763844.66 | 161.25 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000625 | 420595.25 | 3763836.14 | 161.29 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000626 | 420583.15 | 3763827.63 | 161.26 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000627 | 420571.06 | 3763819.12 | 161.37 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000628 | 420558.97 | 3763810.60 | 161.33 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000629 | 420546.87 | 3763802.09 | 161.20 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000630 | 420534.78 | 3763793.58 | 161.25 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE1 | L0000631 | 420529.91 | 3763783.94 | 161.26 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000632 | 420538.86 | 3763772.17 | 161.19 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000633 | 420547.82 | 3763760.40 | 161.17 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000634 | 420556.77 | 3763748.63 | 161.25 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000635 | 420565.73 | 3763736.86 | 161.19 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000636 | 420574.68 | 3763725.09 | 161.07 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000637 | 420583.64 | 3763713.32 | 161.02 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000638 | 420592.59 | 3763701.55 | 160.77 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000639 | 420601.55 | 3763689.78 | 160.60 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000640 | 420610.50 | 3763678.01 | 160.49 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000641 | 420619.46 | 3763666.24 | 160.30 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000642 | 420628.41 | 3763654.46 | 160.21 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000643 | 420637.37 | 3763642.69 | 160.08 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000644 | 420646.32 | 3763630.92 | 159.87 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000645 | 420655.28 | 3763619.15 | 159.69 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000646 | 420664.23 | 3763607.38 | 159.45 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000647 | 420673.19 | 3763595.61 | 159.17 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000648 | 420682.14 | 3763583.84 | 158.95 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000649 | 420691.10 | 3763572.07 | 159.10 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000650 | 420700.05 | 3763560.30 | 159.41 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000651 | 420709.01 | 3763548.53 | 159.72 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000652 | 420717.96 | 3763536.76 | 159.77 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000653 | 420726.92 | 3763524.99 | 159.82 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000654 | 420735.87 | 3763513.21 | 158.30 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000655 | 420744.83 | 3763501.44 | 157.87 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE1 | L0000656 | 420753.78 | 3763489.67 | 159.47 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000657 | 420762.74 | 3763477.90 | 159.49 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000658 | 420771.69 | 3763466.13 | 159.37 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000659 | 420780.65 | 3763454.36 | 159.36 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000660 | 420789.60 | 3763442.59 | 159.32 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000661 | 420798.56 | 3763430.82 | 159.18 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000662 | 420807.51 | 3763419.05 | 159.26 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000663 | 420816.47 | 3763407.28 | 159.40 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000664 | 420825.42 | 3763395.51 | 159.31 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000665 | 420834.38 | 3763383.74 | 159.40 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000666 | 420843.33 | 3763371.96 | 159.52 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000667 | 420852.29 | 3763360.19 | 159.54 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000668 | 420861.24 | 3763348.42 | 159.87 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000669 | 420870.20 | 3763336.65 | 159.97 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000670 | 420879.15 | 3763324.88 | 159.78 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000671 | 420888.11 | 3763313.11 | 159.80 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000672 | 420897.06 | 3763301.34 | 159.81 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000673 | 420906.02 | 3763289.57 | 159.79 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000674 | 420914.97 | 3763277.80 | 159.82 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000675 | 420923.93 | 3763266.03 | 159.88 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000676 | 420932.88 | 3763254.26 | 159.99 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000677 | 420941.49 | 3763242.27 | 160.03 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000678 | 420948.06 | 3763229.02 | 160.04 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000679 | 420954.64 | 3763215.77 | 160.11 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000680 | 420961.21 | 3763202.52 | 160.19 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE1 | L0000681 | 420967.79 | 3763189.28 | 160.32 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000682 | 420974.36 | 3763176.03 | 160.52 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000683 | 420980.94 | 3763162.78 | 160.64 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |
| | L0000684 | 420987.51 | 3763149.53 | 160.67 | 4.15 | 0.00791 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE4 | L0000769 | 420871.97 | 3763938.05 | 160.56 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000770 | 420882.93 | 3763928.12 | 160.54 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000771 | 420893.89 | 3763918.19 | 160.62 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000772 | 420904.32 | 3763907.76 | 160.80 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000773 | 420913.41 | 3763896.09 | 160.74 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000774 | 420922.50 | 3763884.43 | 160.91 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000775 | 420931.59 | 3763872.76 | 161.00 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000776 | 420940.67 | 3763861.09 | 160.85 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000777 | 420949.76 | 3763849.42 | 160.91 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000778 | 420958.85 | 3763837.75 | 160.99 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000779 | 420967.94 | 3763826.09 | 161.00 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000780 | 420977.03 | 3763814.42 | 161.06 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000781 | 420986.12 | 3763802.75 | 160.90 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000782 | 420985.08 | 3763792.50 | 160.82 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000783 | 420973.13 | 3763783.78 | 160.95 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000784 | 420961.19 | 3763775.06 | 160.91 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000785 | 420949.24 | 3763766.34 | 160.54 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000786 | 420937.29 | 3763757.62 | 160.38 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000787 | 420925.35 | 3763748.90 | 160.57 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE4 | L0000788 | 420913.40 | 3763740.18 | 160.71 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000789 | 420901.46 | 3763731.46 | 160.61 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000790 | 420889.51 | 3763722.74 | 160.39 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000791 | 420877.56 | 3763714.02 | 160.21 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000792 | 420865.62 | 3763705.30 | 160.03 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000793 | 420853.67 | 3763696.58 | 159.97 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000794 | 420841.91 | 3763687.62 | 159.97 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000795 | 420830.16 | 3763678.63 | 159.88 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000796 | 420818.42 | 3763669.63 | 159.66 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000797 | 420806.68 | 3763660.64 | 159.59 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000798 | 420794.94 | 3763651.65 | 159.70 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000799 | 420783.20 | 3763642.65 | 159.65 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000800 | 420771.46 | 3763633.66 | 159.58 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000801 | 420759.72 | 3763624.67 | 159.53 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000802 | 420747.98 | 3763615.67 | 159.36 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000803 | 420736.23 | 3763606.68 | 159.15 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000804 | 420724.49 | 3763597.68 | 159.21 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000805 | 420712.75 | 3763588.69 | 159.27 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000806 | 420701.01 | 3763579.70 | 159.14 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000807 | 420693.67 | 3763570.11 | 159.17 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000808 | 420702.60 | 3763558.32 | 159.50 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000809 | 420711.53 | 3763546.53 | 159.74 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000810 | 420720.46 | 3763534.74 | 159.80 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000811 | 420729.39 | 3763522.95 | 159.83 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000812 | 420738.32 | 3763511.16 | 157.92 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE4 | L0000813 | 420747.25 | 3763499.37 | 157.94 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000814 | 420756.18 | 3763487.58 | 159.63 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000815 | 420765.11 | 3763475.79 | 159.46 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000816 | 420774.04 | 3763464.00 | 159.36 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000817 | 420782.97 | 3763452.21 | 159.35 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000818 | 420791.90 | 3763440.42 | 159.29 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000819 | 420800.83 | 3763428.63 | 159.14 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000820 | 420809.76 | 3763416.84 | 159.30 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000821 | 420818.70 | 3763405.05 | 159.39 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000822 | 420827.63 | 3763393.26 | 159.27 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000823 | 420836.56 | 3763381.47 | 159.44 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000824 | 420845.49 | 3763369.68 | 159.51 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000825 | 420854.42 | 3763357.89 | 159.58 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000826 | 420863.35 | 3763346.11 | 159.91 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000827 | 420872.28 | 3763334.32 | 159.94 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000828 | 420881.21 | 3763322.53 | 159.75 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000829 | 420890.14 | 3763310.74 | 159.81 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000830 | 420899.07 | 3763298.95 | 159.79 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000831 | 420908.00 | 3763287.16 | 159.79 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000832 | 420916.93 | 3763275.37 | 159.83 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000833 | 420925.86 | 3763263.58 | 159.90 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000834 | 420934.79 | 3763251.79 | 160.00 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000835 | 420942.87 | 3763239.48 | 160.02 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000836 | 420949.45 | 3763226.23 | 160.05 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000837 | 420956.03 | 3763212.98 | 160.13 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE4 | L0000838 | 420962.60 | 3763199.73 | 160.21 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000839 | 420969.18 | 3763186.48 | 160.36 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000840 | 420975.75 | 3763173.24 | 160.55 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000841 | 420982.33 | 3763159.99 | 160.65 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |
| | L0000842 | 420988.90 | 3763146.74 | 160.69 | 4.15 | 0.00662 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE3 | L0000917 | 420808.07 | 3763976.68 | 160.76 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000918 | 420795.70 | 3763968.58 | 160.97 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000919 | 420783.32 | 3763960.48 | 161.06 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000920 | 420770.95 | 3763952.38 | 160.87 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000921 | 420758.57 | 3763944.29 | 160.66 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000922 | 420746.19 | 3763936.19 | 160.71 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000923 | 420733.94 | 3763927.93 | 160.59 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000924 | 420722.75 | 3763918.26 | 160.52 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000925 | 420711.56 | 3763908.59 | 160.61 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000926 | 420700.37 | 3763898.92 | 160.71 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000927 | 420689.18 | 3763889.25 | 160.70 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000928 | 420679.41 | 3763888.56 | 160.76 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000929 | 420668.99 | 3763888.06 | 161.01 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000930 | 420656.90 | 3763879.54 | 161.25 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000931 | 420644.80 | 3763871.03 | 161.19 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000932 | 420632.71 | 3763862.51 | 161.06 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000933 | 420620.62 | 3763854.00 | 161.15 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000934 | 420608.52 | 3763845.49 | 161.24 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE3 | L0000935 | 420596.43 | 3763836.97 | 161.29 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000936 | 420584.34 | 3763828.46 | 161.25 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000937 | 420572.24 | 3763819.94 | 161.36 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000938 | 420560.15 | 3763811.43 | 161.35 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000939 | 420548.06 | 3763802.92 | 161.21 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000940 | 420535.96 | 3763794.40 | 161.24 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000941 | 420529.04 | 3763785.09 | 161.27 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000942 | 420538.00 | 3763773.32 | 161.20 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000943 | 420546.95 | 3763761.55 | 161.16 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000944 | 420555.90 | 3763749.78 | 161.24 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000945 | 420564.86 | 3763738.00 | 161.20 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000946 | 420573.81 | 3763726.23 | 161.07 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000947 | 420582.77 | 3763714.46 | 161.03 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000948 | 420591.72 | 3763702.69 | 160.80 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000949 | 420600.68 | 3763690.92 | 160.60 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000950 | 420609.63 | 3763679.15 | 160.51 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000951 | 420618.59 | 3763667.38 | 160.31 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000952 | 420627.54 | 3763655.61 | 160.22 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000953 | 420636.50 | 3763643.84 | 160.10 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000954 | 420645.45 | 3763632.07 | 159.89 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000955 | 420654.41 | 3763620.30 | 159.71 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000956 | 420663.36 | 3763608.53 | 159.47 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000957 | 420672.32 | 3763596.75 | 159.19 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000958 | 420681.27 | 3763584.98 | 158.96 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000959 | 420690.23 | 3763573.21 | 159.08 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE3 | L0000960 | 420699.18 | 3763561.44 | 159.38 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000961 | 420708.14 | 3763549.67 | 159.71 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000962 | 420717.09 | 3763537.90 | 159.77 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000963 | 420726.05 | 3763526.13 | 159.81 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000964 | 420735.00 | 3763514.36 | 158.46 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000965 | 420743.96 | 3763502.59 | 157.82 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000966 | 420752.91 | 3763490.82 | 159.22 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000967 | 420761.87 | 3763479.05 | 159.50 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000968 | 420770.82 | 3763467.28 | 159.38 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000969 | 420779.78 | 3763455.50 | 159.35 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000970 | 420788.73 | 3763443.73 | 159.33 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000971 | 420797.69 | 3763431.96 | 159.20 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000972 | 420806.64 | 3763420.19 | 159.23 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000973 | 420815.60 | 3763408.42 | 159.40 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000974 | 420824.55 | 3763396.65 | 159.33 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000975 | 420833.51 | 3763384.88 | 159.38 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000976 | 420842.46 | 3763373.11 | 159.52 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000977 | 420851.42 | 3763361.34 | 159.52 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000978 | 420860.37 | 3763349.57 | 159.84 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000979 | 420869.33 | 3763337.80 | 159.97 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000980 | 420878.28 | 3763326.03 | 159.80 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000981 | 420887.24 | 3763314.25 | 159.80 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000982 | 420896.19 | 3763302.48 | 159.81 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000983 | 420905.15 | 3763290.71 | 159.78 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000984 | 420914.10 | 3763278.94 | 159.82 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE3 | L0000985 | 420923.06 | 3763267.17 | 159.87 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000986 | 420932.01 | 3763255.40 | 159.98 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000987 | 420940.85 | 3763243.56 | 160.03 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000988 | 420947.42 | 3763230.31 | 160.04 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000989 | 420954.00 | 3763217.06 | 160.10 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000990 | 420960.58 | 3763203.81 | 160.18 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000991 | 420967.15 | 3763190.56 | 160.30 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000992 | 420973.73 | 3763177.32 | 160.51 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000993 | 420980.30 | 3763164.07 | 160.63 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |
| | L0000994 | 420986.88 | 3763150.82 | 160.67 | 4.15 | 0.00654 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE6 | L0001073 | 420815.96 | 3763746.97 | 160.04 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001074 | 420824.47 | 3763734.87 | 159.95 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001075 | 420832.98 | 3763722.78 | 159.94 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001076 | 420841.49 | 3763710.68 | 160.08 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001077 | 420850.00 | 3763698.58 | 160.01 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001078 | 420843.44 | 3763688.80 | 159.97 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001079 | 420831.70 | 3763679.80 | 159.91 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001080 | 420819.96 | 3763670.81 | 159.68 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001081 | 420808.22 | 3763661.82 | 159.58 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001082 | 420796.48 | 3763652.82 | 159.69 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001083 | 420784.74 | 3763643.83 | 159.66 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001084 | 420772.99 | 3763634.84 | 159.58 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001085 | 420761.25 | 3763625.84 | 159.54 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE6 | L0001086 | 420749.51 | 3763616.85 | 159.40 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001087 | 420737.77 | 3763607.85 | 159.17 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001088 | 420726.03 | 3763598.86 | 159.18 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001089 | 420714.29 | 3763589.87 | 159.28 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001090 | 420702.55 | 3763580.87 | 159.13 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001091 | 420692.50 | 3763571.65 | 159.13 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001092 | 420701.43 | 3763559.86 | 159.45 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001093 | 420710.36 | 3763548.07 | 159.73 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001094 | 420719.29 | 3763536.28 | 159.79 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001095 | 420728.22 | 3763524.49 | 159.83 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001096 | 420737.16 | 3763512.70 | 158.06 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001097 | 420746.09 | 3763500.91 | 157.82 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001098 | 420755.02 | 3763489.12 | 159.61 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001099 | 420763.95 | 3763477.33 | 159.48 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001100 | 420772.88 | 3763465.54 | 159.37 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001101 | 420781.81 | 3763453.75 | 159.36 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001102 | 420790.74 | 3763441.96 | 159.31 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001103 | 420799.67 | 3763430.17 | 159.16 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001104 | 420808.60 | 3763418.39 | 159.27 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001105 | 420817.53 | 3763406.60 | 159.39 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001106 | 420826.46 | 3763394.81 | 159.28 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001107 | 420835.39 | 3763383.02 | 159.42 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001108 | 420844.32 | 3763371.23 | 159.52 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001109 | 420853.25 | 3763359.44 | 159.55 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001110 | 420862.18 | 3763347.65 | 159.88 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE6 | L0001111 | 420871.11 | 3763335.86 | 159.95 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001112 | 420880.04 | 3763324.07 | 159.77 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001113 | 420888.97 | 3763312.28 | 159.81 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001114 | 420897.90 | 3763300.49 | 159.80 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001115 | 420906.83 | 3763288.70 | 159.79 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001116 | 420915.76 | 3763276.91 | 159.82 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001117 | 420924.69 | 3763265.12 | 159.89 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001118 | 420933.62 | 3763253.33 | 159.99 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001119 | 420942.01 | 3763241.21 | 160.02 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001120 | 420948.59 | 3763227.96 | 160.05 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001121 | 420955.17 | 3763214.71 | 160.12 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001122 | 420961.74 | 3763201.47 | 160.19 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001123 | 420968.32 | 3763188.22 | 160.33 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001124 | 420974.89 | 3763174.97 | 160.53 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001125 | 420981.47 | 3763161.72 | 160.64 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |
| | L0001126 | 420988.04 | 3763148.47 | 160.67 | 4.15 | 0.00759 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE5 | L0001235 | 420774.67 | 3763839.18 | 159.94 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001236 | 420768.92 | 3763852.81 | 160.05 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001237 | 420762.69 | 3763866.19 | 159.84 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001238 | 420754.65 | 3763878.60 | 159.85 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001239 | 420746.61 | 3763891.01 | 160.11 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001240 | 420738.57 | 3763903.43 | 160.37 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001241 | 420730.53 | 3763915.84 | 160.45 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE5 | L0001242 | 420720.56 | 3763919.88 | 160.53 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001243 | 420707.89 | 3763912.25 | 160.64 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001244 | 420695.22 | 3763904.62 | 160.78 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001245 | 420682.55 | 3763896.99 | 160.81 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001246 | 420670.18 | 3763888.90 | 160.98 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001247 | 420658.09 | 3763880.38 | 161.23 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001248 | 420646.00 | 3763871.87 | 161.20 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001249 | 420633.90 | 3763863.35 | 161.07 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001250 | 420621.81 | 3763854.84 | 161.13 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001251 | 420609.72 | 3763846.33 | 161.24 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001252 | 420597.62 | 3763837.81 | 161.29 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001253 | 420585.53 | 3763829.30 | 161.24 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001254 | 420573.44 | 3763820.78 | 161.35 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001255 | 420561.34 | 3763812.27 | 161.36 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001256 | 420549.25 | 3763803.76 | 161.21 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001257 | 420537.15 | 3763795.24 | 161.23 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001258 | 420528.16 | 3763786.25 | 161.28 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001259 | 420537.11 | 3763774.48 | 161.20 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001260 | 420546.07 | 3763762.71 | 161.16 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001261 | 420555.02 | 3763750.94 | 161.24 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001262 | 420563.98 | 3763739.16 | 161.21 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001263 | 420572.93 | 3763727.39 | 161.07 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001264 | 420581.89 | 3763715.62 | 161.05 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001265 | 420590.84 | 3763703.85 | 160.84 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001266 | 420599.80 | 3763692.08 | 160.61 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE5 | L0001267 | 420608.75 | 3763680.31 | 160.52 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001268 | 420617.71 | 3763668.54 | 160.33 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001269 | 420626.66 | 3763656.77 | 160.22 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001270 | 420635.62 | 3763645.00 | 160.11 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001271 | 420644.57 | 3763633.23 | 159.91 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001272 | 420653.53 | 3763621.46 | 159.73 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001273 | 420662.48 | 3763609.69 | 159.50 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001274 | 420671.44 | 3763597.91 | 159.22 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001275 | 420680.39 | 3763586.14 | 158.97 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001276 | 420689.35 | 3763574.37 | 159.06 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001277 | 420698.30 | 3763562.60 | 159.35 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001278 | 420707.26 | 3763550.83 | 159.70 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001279 | 420716.21 | 3763539.06 | 159.76 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001280 | 420725.17 | 3763527.29 | 159.81 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001281 | 420734.12 | 3763515.52 | 158.63 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001282 | 420743.08 | 3763503.75 | 157.79 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001283 | 420752.03 | 3763491.98 | 158.99 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001284 | 420760.99 | 3763480.21 | 159.52 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001285 | 420769.94 | 3763468.44 | 159.39 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001286 | 420778.90 | 3763456.66 | 159.34 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001287 | 420787.85 | 3763444.89 | 159.33 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001288 | 420796.81 | 3763433.12 | 159.22 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001289 | 420805.76 | 3763421.35 | 159.20 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001290 | 420814.72 | 3763409.58 | 159.39 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001291 | 420823.67 | 3763397.81 | 159.34 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE5 | L0001292 | 420832.63 | 3763386.04 | 159.35 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001293 | 420841.58 | 3763374.27 | 159.52 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001294 | 420850.54 | 3763362.50 | 159.50 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001295 | 420859.49 | 3763350.73 | 159.81 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001296 | 420868.45 | 3763338.96 | 159.97 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001297 | 420877.40 | 3763327.19 | 159.81 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001298 | 420886.36 | 3763315.41 | 159.79 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001299 | 420895.31 | 3763303.64 | 159.82 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001300 | 420904.27 | 3763291.87 | 159.78 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001301 | 420913.22 | 3763280.10 | 159.81 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001302 | 420922.18 | 3763268.33 | 159.86 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001303 | 420931.13 | 3763256.56 | 159.96 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001304 | 420940.09 | 3763244.79 | 160.03 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001305 | 420946.78 | 3763231.61 | 160.04 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001306 | 420953.35 | 3763218.37 | 160.09 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001307 | 420959.93 | 3763205.12 | 160.17 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001308 | 420966.50 | 3763191.87 | 160.29 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001309 | 420973.08 | 3763178.62 | 160.49 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001310 | 420979.65 | 3763165.37 | 160.62 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001311 | 420986.23 | 3763152.13 | 160.67 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |
| | L0001312 | 420992.80 | 3763138.88 | 160.80 | 4.15 | 0.00756 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE8 | L0001397 | 420922.55 | 3763891.86 | 160.94 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001398 | 420931.17 | 3763879.84 | 161.10 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE8 | L0001399 | 420939.80 | 3763867.83 | 161.00 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001400 | 420948.42 | 3763855.81 | 160.87 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001401 | 420957.04 | 3763843.79 | 160.98 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001402 | 420965.66 | 3763831.78 | 161.00 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001403 | 420974.28 | 3763819.76 | 161.06 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001404 | 420982.91 | 3763807.74 | 160.99 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001405 | 420989.86 | 3763795.99 | 160.78 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001406 | 420977.92 | 3763787.27 | 160.91 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001407 | 420965.97 | 3763778.55 | 160.96 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001408 | 420954.03 | 3763769.83 | 160.68 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001409 | 420942.08 | 3763761.11 | 160.42 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001410 | 420930.13 | 3763752.39 | 160.50 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001411 | 420918.19 | 3763743.67 | 160.66 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001412 | 420906.24 | 3763734.95 | 160.70 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001413 | 420894.30 | 3763726.23 | 160.47 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001414 | 420882.35 | 3763717.51 | 160.29 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001415 | 420870.40 | 3763708.79 | 160.11 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001416 | 420858.46 | 3763700.07 | 159.96 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001417 | 420846.61 | 3763691.22 | 159.97 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001418 | 420834.87 | 3763682.23 | 159.95 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001419 | 420823.13 | 3763673.24 | 159.72 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001420 | 420811.39 | 3763664.24 | 159.60 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001421 | 420799.64 | 3763655.25 | 159.68 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001422 | 420787.90 | 3763646.26 | 159.69 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001423 | 420776.16 | 3763637.26 | 159.60 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE8 | L0001424 | 420764.42 | 3763628.27 | 159.55 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001425 | 420752.68 | 3763619.27 | 159.47 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001426 | 420740.94 | 3763610.28 | 159.20 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001427 | 420729.20 | 3763601.29 | 159.10 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001428 | 420717.45 | 3763592.29 | 159.28 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001429 | 420705.71 | 3763583.30 | 159.18 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001430 | 420693.97 | 3763574.31 | 159.12 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001431 | 420699.03 | 3763563.04 | 159.35 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001432 | 420707.96 | 3763551.25 | 159.71 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001433 | 420716.89 | 3763539.46 | 159.78 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001434 | 420725.82 | 3763527.67 | 159.82 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001435 | 420734.75 | 3763515.88 | 158.48 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001436 | 420743.68 | 3763504.09 | 157.69 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001437 | 420752.61 | 3763492.30 | 158.93 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001438 | 420761.54 | 3763480.51 | 159.52 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001439 | 420770.47 | 3763468.72 | 159.39 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001440 | 420779.40 | 3763456.93 | 159.34 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001441 | 420788.33 | 3763445.14 | 159.33 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001442 | 420797.26 | 3763433.36 | 159.21 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001443 | 420806.19 | 3763421.57 | 159.19 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001444 | 420815.12 | 3763409.78 | 159.38 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001445 | 420824.05 | 3763397.99 | 159.33 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001446 | 420832.98 | 3763386.20 | 159.35 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001447 | 420841.91 | 3763374.41 | 159.51 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001448 | 420850.84 | 3763362.62 | 159.49 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE8 | L0001449 | 420859.77 | 3763350.83 | 159.81 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001450 | 420868.70 | 3763339.04 | 159.97 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001451 | 420877.63 | 3763327.25 | 159.81 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001452 | 420886.56 | 3763315.46 | 159.79 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001453 | 420895.49 | 3763303.67 | 159.82 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001454 | 420904.42 | 3763291.88 | 159.78 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001455 | 420913.35 | 3763280.09 | 159.81 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001456 | 420922.28 | 3763268.30 | 159.86 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001457 | 420931.21 | 3763256.51 | 159.96 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001458 | 420940.14 | 3763244.72 | 160.03 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001459 | 420946.82 | 3763231.53 | 160.04 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001460 | 420953.39 | 3763218.29 | 160.09 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001461 | 420959.97 | 3763205.04 | 160.17 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001462 | 420966.54 | 3763191.79 | 160.29 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001463 | 420973.12 | 3763178.54 | 160.49 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001464 | 420979.69 | 3763165.29 | 160.62 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001465 | 420986.27 | 3763152.05 | 160.67 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |
| | L0001466 | 420992.84 | 3763138.80 | 160.80 | 4.15 | 0.00643 | 14.79 | | 6.88 | 3.26 |

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE7 | L0001467 | 420868.32 | 3763944.48 | 160.47 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001468 | 420859.99 | 3763956.70 | 160.47 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001469 | 420851.66 | 3763968.93 | 160.67 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001470 | 420843.33 | 3763981.15 | 160.55 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001471 | 420835.00 | 3763993.37 | 160.44 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE7 | L0001472 | 420822.87 | 3763986.99 | 160.53 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001473 | 420810.41 | 3763979.01 | 160.69 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001474 | 420797.95 | 3763971.04 | 160.93 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001475 | 420785.49 | 3763963.07 | 161.06 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001476 | 420773.04 | 3763955.10 | 160.92 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001477 | 420760.58 | 3763947.13 | 160.68 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001478 | 420748.12 | 3763939.16 | 160.73 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001479 | 420735.66 | 3763931.19 | 160.66 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001480 | 420723.20 | 3763923.22 | 160.54 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001481 | 420710.74 | 3763915.25 | 160.61 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001482 | 420698.28 | 3763907.28 | 160.76 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001483 | 420685.83 | 3763899.31 | 160.82 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001484 | 420673.46 | 3763891.20 | 160.92 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001485 | 420661.37 | 3763882.69 | 161.17 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001486 | 420649.27 | 3763874.17 | 161.23 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001487 | 420637.18 | 3763865.66 | 161.11 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001488 | 420625.08 | 3763857.15 | 161.08 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001489 | 420612.99 | 3763848.63 | 161.22 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001490 | 420600.90 | 3763840.12 | 161.28 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001491 | 420588.80 | 3763831.60 | 161.27 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001492 | 420576.71 | 3763823.09 | 161.31 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001493 | 420564.62 | 3763814.58 | 161.37 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001494 | 420552.52 | 3763806.06 | 161.23 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001495 | 420540.43 | 3763797.55 | 161.20 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001496 | 420528.34 | 3763789.03 | 161.29 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE7 | L0001497 | 420534.69 | 3763777.67 | 161.22 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001498 | 420543.64 | 3763765.89 | 161.17 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001499 | 420552.60 | 3763754.12 | 161.23 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001500 | 420561.55 | 3763742.35 | 161.23 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001501 | 420570.51 | 3763730.58 | 161.09 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001502 | 420579.46 | 3763718.81 | 161.08 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001503 | 420588.42 | 3763707.04 | 160.92 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001504 | 420597.37 | 3763695.27 | 160.64 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001505 | 420606.33 | 3763683.50 | 160.55 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001506 | 420615.28 | 3763671.73 | 160.39 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001507 | 420624.24 | 3763659.96 | 160.23 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001508 | 420633.19 | 3763648.19 | 160.15 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001509 | 420642.15 | 3763636.42 | 159.97 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001510 | 420651.10 | 3763624.64 | 159.77 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001511 | 420660.06 | 3763612.87 | 159.57 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001512 | 420669.01 | 3763601.10 | 159.30 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001513 | 420677.97 | 3763589.33 | 159.01 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001514 | 420686.92 | 3763577.56 | 159.00 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001515 | 420695.88 | 3763565.79 | 159.26 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001516 | 420704.83 | 3763554.02 | 159.61 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001517 | 420713.79 | 3763542.25 | 159.75 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001518 | 420722.74 | 3763530.48 | 159.80 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001519 | 420731.70 | 3763518.71 | 159.21 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001520 | 420740.65 | 3763506.94 | 157.82 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001521 | 420749.61 | 3763495.17 | 158.47 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

AERMOD

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE7 | L0001522 | 420758.56 | 3763483.39 | 159.56 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001523 | 420767.52 | 3763471.62 | 159.42 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001524 | 420776.47 | 3763459.85 | 159.34 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001525 | 420785.43 | 3763448.08 | 159.35 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001526 | 420794.38 | 3763436.31 | 159.26 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001527 | 420803.34 | 3763424.54 | 159.14 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001528 | 420812.29 | 3763412.77 | 159.36 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001529 | 420821.25 | 3763401.00 | 159.38 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001530 | 420830.20 | 3763389.23 | 159.28 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001531 | 420839.16 | 3763377.46 | 159.50 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001532 | 420848.11 | 3763365.69 | 159.49 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001533 | 420857.07 | 3763353.92 | 159.71 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001534 | 420866.02 | 3763342.14 | 159.96 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001535 | 420874.98 | 3763330.37 | 159.87 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001536 | 420883.93 | 3763318.60 | 159.77 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001537 | 420892.89 | 3763306.83 | 159.82 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001538 | 420901.84 | 3763295.06 | 159.78 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001539 | 420910.80 | 3763283.29 | 159.80 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001540 | 420919.75 | 3763271.52 | 159.84 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001541 | 420928.71 | 3763259.75 | 159.93 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001542 | 420937.66 | 3763247.98 | 160.02 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001543 | 420945.00 | 3763235.20 | 160.03 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001544 | 420951.57 | 3763221.95 | 160.07 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001545 | 420958.15 | 3763208.71 | 160.16 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001546 | 420964.72 | 3763195.46 | 160.25 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |

# Source Pathway - Source Inputs

**AERMOD**

| Line Source ID | Volume Source ID | X Coordinate [m] | Y Coordinate [m] | Base Elevation [m] | Release Height [m[ | Emission Rate [g/s] | Length of Side [m] | Building Height [m] | Initial Lateral Dimencion [m] | Initial Vertical Dimencion [m] |
|---|---|---|---|---|---|---|---|---|---|---|
| SLINE7 | L0001547 | 420971.30 | 3763182.21 | 160.43 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001548 | 420977.87 | 3763168.96 | 160.59 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001549 | 420984.45 | 3763155.71 | 160.66 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |
| | L0001550 | 420991.02 | 3763142.47 | 160.75 | 4.15 | 0.00655 | 14.79 | | 6.88 | 3.26 |

# Source Pathway



## Building Downwash Information

Option not in use

## Emission Rate Units for Output

**For Concentration**

| | |
|---|---|
| Unit Factor: | 1E6 |
| Emission Unit Label: | GRAMS/SEC |
| Concentration Unit Label: | MICROGRAMS/M**3 |

## Source Groups

| Source Group ID: | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| **B4_TR_on** | PAREA4 |
| **B4_route** | SLINE7 |
| | SLINE8 |
| **B4_idle** | STCK42 |
| | STCK43 |
| | STCK44 |
| | STCK45 |
| | STCK46 |
| | STCK47 |
| | STCK48 |
| | STCK49 |
| | STCK50 |
| | STCK51 |
| | STCK52 |
| | STCK53 |
| | STCK54 |
| **B3_TR_on** | PAREA3 |
| **B3_route** | SLINE5 |
| | SLINE6 |
| **B3_idle** | STCK28 |
| | STCK29 |
| | STCK30 |
| | STCK31 |
| | STCK32 |
| | STCK33 |
| | STCK34 |
| | STCK35 |
| | STCK36 |
| | STCK37 |
| | STCK38 |
| | STCK39 |
| | STCK40 |
| | STCK41 |

# Source Pathway



| Source Group ID: B2_TR_on | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | PAREA2 |

| Source Group ID: B2_route | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | SLINE3 |
| | SLINE4 |

| Source Group ID: B2_idle | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | STCK25 |
| | STCK26 |
| | STCK27 |

| Source Group ID: B1_TR_on | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | PAREA1 |

| Source Group ID: B1_route | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | SLINE1 |
| | SLINE2 |

| Source Group ID: B1_idle | List of Sources in Group (Source Range or Single Sources) |
|---|---|
| | STCK1 |
| | STCK2 |
| | STCK3 |
| | STCK4 |
| | STCK5 |
| | STCK6 |
| | STCK7 |
| | STCK8 |
| | STCK9 |
| | STCK10 |
| | STCK11 |
| | STCK12 |
| | STCK13 |
| | STCK14 |
| | STCK15 |
| | STCK16 |
| | STCK17 |
| | STCK18 |
| | STCK19 |
| | STCK20 |
| | STCK21 |
| | STCK22 |
| | STCK23 |
| | STCK24 |

## Variable Emissions

Appendix

# Attachment E. Construction Risk Calculations

# Table E1
# MEIR Concentrations for Risk Calculations

| Contaminant | Source | | Model Output [1] ($\mu g/m^3$) | Emission Rates [2] (g/s) | MEIR Conc. ($\mu g/m^3$) | Total MEIR Conc. Annual Average ($\mu g/m^3$) | Model Output [1] ($\mu g/m^3$) | Emission Rates [2] (g/s) | MEIR Conc. ($\mu g/m^3$) | Total MEIR Conc. Annual Average ($\mu g/m^3$) |
|---|---|---|---|---|---|---|---|---|---|---|
| ( a ) | ( b ) | | ( c ) | ( d ) | ( e ) | ( f ) | ( c ) | ( g ) | ( h ) | ( i ) |
| **Residential Receptors** | | | | | | | **Mitigated, Tier 4 Final > 25 hp** | | | |
| DPM | 2025 | On-Site Emissions | 0.43 | 1.68E-01 | 7.31E-02 | 7.33E-02 | 0.43 | 3.34E-02 | 1.45E-02 | 1.47E-02 |
| | | Truck Route | 0.30 | 4.57E-04 | 1.37E-04 | | 0.30 | 4.57E-04 | 1.37E-04 | |
| | 2026 | On-Site Emissions | 0.43 | 2.37E-02 | 1.03E-02 | 1.03E-02 | 0.43 | 2.16E-03 | 9.37E-04 | 9.53E-04 |
| | | Truck Route | 0.30 | 5.05E-05 | 1.52E-05 | | 0.30 | 5.05E-05 | 1.52E-05 | |

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

MEIR UTM: 420703.14 E, 3764099.09 N

[1] Model Output at the MEIR based on unit emission rates for sources (1 g/s).

[2] Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

# Table E2
# MEIR Health Risk Calculations

| Source | | MEIR Conc. ($\mu g/m^3$) | Weight Fraction | Contaminant | URF $(\mu g/m^3)^{-1}$ | CPF $(mg/kg/day)^{-1}$ | Dose (by age bin) 3rd Trimester (mg/kg-day) | Dose (by age bin) 0 < 2 years (mg/kg-day) | Carcinogenic Risks (by age bin) 3rd Trimester per million | Carcinogenic Risks (by age bin) 0 < 2 years per million | **Total Cancer** per million | **Chronic Hazards [3]** REL ($\mu g/m^3$) | **Chronic Hazards [3]** RESP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ( a ) | | ( b ) | ( c ) | ( d ) | ( e ) | ( f ) | ( g ) | ( h ) | ( j ) | ( k ) | ( m ) | ( n ) | ( o ) |
| **Residential Receptors** | | | | | | | | | | | | | |
| 2025 | On & Off-Site Emissions | 7.33E-02 | 1.0E+00 | DPM | 3.0E-04 | 1.1E+00 | 2.54E-05 | 7.66E-05 | 8.09E-01 | 7.32E+00 | 8.1 | 5.0E+00 | 1.47E-02 |
| 2026 | | 1.03E-02 | | | | | | 1.08E-05 | | 4.53E-01 | 0.5 | | 2.06E-03 |
| | | | | | | | | | | **Total** | **8.6** | | **0.017** |
| **Mitigated, Tier 4 Final > 25 hp** | | | | | | | | | | | | | |
| 2025 | On & Off-Site | 1.47E-02 | 1.0E+00 | DPM | 3.0E-04 | 1.1E+00 | 5.08E-06 | 1.53E-05 | 1.62E-01 | 1.47E+00 | 1.6 | 5.0E+00 | 2.93E-03 |
| 2026 | | 9.53E-04 | | | | | | 9.96E-07 | | 4.18E-02 | 0.0 | | 1.91E-04 |
| | | | | | | | | | | **Total** | **1.7** | | **0.003** |

| | | OEHHA age bin | 3rd Trimester | 0 < 2 years |
|---|---|---|---|---|
| | | exposure year(s) | 2025 | 2025-2026 |
| Dose Exposure Factors: | | exposure frequency (days/year) | 350 | 350 |
| | | inhalation rate (L/kg-day) [1] | 361 | 1090 |
| | | inhalation absorption factor | 1 | 1 |
| | | conversion factor (mg/µg; $m^3$/L) | 1.0E-06 | 1.0E-06 |
| Risk Calculation Factors: | | age sensitivity factor | 10 | 10 |
| | | averaging time (years) | 70 | 70 |
| | | per million | 1.0E+06 | 1.0E+06 |
| | | fraction of time at home | 0.85 | 0.85 |

| exposure durations per age bin | | exposure durations (year) | |
|---|---|---|---|
| Construction Year | Const Duration [2] | 3rd Trimester | 0 < 2 years |
| 2025 | 1.00 | 0.25 | 0.75 |
| 2026 | 0.33 | | 0.33 |
| Total | 1.33 | 0.25 | 1.08 |

[1] Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).

[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

[3] Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

# Table E3
# High School MER Concentrations for Risk Calculations

| Contaminant | Source | | Model Output [1] ($\mu g/m^3$) | Emission Rates [2] (g/s) | Maximum Exposed School Receptor Conc. ($\mu g/m^3$) | Total Maximum Exposed School Receptor Conc. Annual Average ($\mu g/m^3$) |
|---|---|---|---|---|---|---|
| ( a ) | ( b ) | | ( c ) | ( d ) | ( e ) | ( f ) |
| **High School Receptors** | | | | | | |
| DPM | 2025 | On-Site Emissions | 0.13 | 1.68E-01 | 2.16E-02 | 2.21E-02 |
| | | Truck Route | 1.04 | 4.57E-04 | 4.74E-04 | |
| | 2026 | On-Site Emissions | 0.13 | 2.37E-02 | 3.04E-03 | 3.09E-03 |
| | | Truck Route | 1.04 | 5.05E-05 | 5.23E-05 | |

Maximum Exposed School Receptor (HS) UTM coordinates: 420906.65 E, 3763419.80 N

[1] Model Output at the Maximum Exposed School Receptor based on unit emission rates for sources (1 g/s).

[2] Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

# Table E4
# High School Health Risk Calculations

| Source | | MER Conc. ($\mu g/m^3$) (b) | Weight Fraction (c) | Contaminant (d) | URF $(\mu g/m^3)^{-1}$ (e) | CPF $(mg/kg/day)^{-1}$ (f) | Dose (by age bin) 2 < 16 years (mg/kg-day) (g) | Exposure Duration[2] (yr) (h) | Carcinogenic Risks 2 < 16 years per million (i) | **Chronic Hazards [3]** REL ($\mu g/m^3$) (j) | RESP (k) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (a) | | | | | | | | | | | |
| **High School Receptors** | | | | | | | | | | | |
| 2025 | On & Off-Site Emissions | 2.21E-02 | 1.0E+00 | DPM | 3.0E-04 | 1.1E+00 | 5.66E-06 | 1.00 | 2.55E-01 | 5.0E+00 | 4.41E-03 |
| 2026 | | 3.09E-03 | | | | | 7.92E-07 | 0.33 | 1.17E-02 | | 6.18E-04 |
| | | | | | | | | **Total** | **0.3** | | **0.005** |

| | | |
|---|---|---|
| | OEHHA age bin | High School 2 < 16 years |
| | exposure year(s) | 2025-2026 |
| Dose Exposure Factors: | exposure frequency (days/year) | 180 |
| | 8-hour inhalation rate (L/kg-day) [1] | 520 |
| | inhalation absorption factor | 1 |
| | conversion factor (mg/µg; $m^3$/L) | 1.0E-06 |
| Risk Calculation Factors: | age sensitivity factor | 3 |
| | averaging time (years) | 70 |
| | per million | 1.0E+06 |

[1] Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (OEHHA, 2015).

[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

[3] Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

# Table E5
# Elementary School MER Concentrations for Risk Calculations

| Contaminant | Source | | Model Output [1] ($\mu g/m^3$) | Emission Rates [2] (g/s) | Maximum Exposed School Receptor Conc. ($\mu g/m^3$) | Total Maximum Exposed School Receptor Conc. Annual Average ($\mu g/m^3$) |
|---|---|---|---|---|---|---|
| ( a ) | ( b ) | | ( c ) | ( d ) | ( e ) | ( f ) |
| **Elementary Student Receptors** | | | | | | |
| DPM | 2025 | On-Site Emissions | 0.14 | 1.68E-01 | 2.36E-02 | 2.36E-02 |
| | | Truck Route | 0.11 | 4.57E-04 | 4.95E-05 | |
| | 2026 | On-Site Emissions | 0.14 | 2.37E-02 | 3.32E-03 | 3.32E-03 |
| | | Truck Route | 0.11 | 5.05E-05 | 5.46E-06 | |

Maximum Exposed School Receptor (ES) UTM coordinates: 420530.31 E, 3764205.91 N

[1] Model Output at the Maximum Exposed School Receptor based on unit emission rates for sources (1 g/s).

[2] Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

# Table E6
# Elementary School Health Risk Calculations

| Source | | MER Conc. ($\mu g/m^3$) ( b ) | Weight Fraction ( c ) | Contaminant ( d ) | URF ($\mu g/m^3$)$^{-1}$ ( e ) | CPF (mg/kg/day)$^{-1}$ ( f ) | Dose (by age bin) 2 < 9 years (mg/kg-day) ( g ) | Exposure Duration[2] (yr) ( h ) | Carcinogenic Risks 2 < 9 years per million ( i ) | **Chronic Hazards [3]** REL ($\mu g/m^3$) ( j ) | RESP ( k ) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ( a ) | | | | | | | | | | | |
| **Elementary Student Receptors** | | | | | | | | | | | |
| 2025 | On & Off-Site Emissions | 2.36E-02 | 1.0E+00 | DPM | 3.0E-04 | 1.1E+00 | 1.00E-05 | 1.00 | 4.52E-01 | 5.0E+00 | 4.73E-03 |
| 2026 | | 3.32E-03 | | | | | 1.41E-06 | 0.33 | 2.09E-02 | | 6.65E-04 |
| | | | | | | | | **Total** | **0.5** | | **0.005** |

| | | |
|---|---|---|
| | | Elementary School (K-5) |
| | OEHHA age bin | 2 < 9 years |
| | exposure year(s) | 2025-2026 |
| Dose Exposure Factors: | exposure frequency (days/year) | 180 |
| | 8-hour inhalation rate (L/kg-day) [1] | 861 |
| | inhalation absorption factor | 1 |
| | conversion factor (mg/µg; $m^3$/L) | 1.0E-06 |
| Risk Calculation Factors: | age sensitivity factor | 3 |
| | averaging time (years) | 70 |
| | per million | 1.0E+06 |

[1] Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (OEHHA, 2015).

[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

[3] Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

# Table E7
# Preschool Concentrations for Risk Calculations

| Contaminant | Source | | Model Output [1] ($\mu g/m^3$) | Emission Rates [2] (g/s) | Maximum Exposed Receptor Conc. ($\mu g/m^3$) | Total Maximum Exposed School Receptor Conc. Annual Average ($\mu g/m^3$) |
|---|---|---|---|---|---|---|
| ( a ) | ( b ) | | ( c ) | ( d ) | ( e ) | ( f ) |
| **Preschool (Montessori of Walnut) Receptors** | | | | | | |
| DPM | 2025 | On-Site Emissions | 0.14 | 1.68E-01 | 2.31E-02 | 2.31E-02 |
| | | Truck Route | 0.12 | 4.57E-04 | 5.70E-05 | |
| | 2026 | On-Site Emissions | 0.14 | 2.37E-02 | 3.25E-03 | 3.25E-03 |
| | | Truck Route | 0.12 | 5.05E-05 | 6.30E-06 | |

Preschool UTM: 420268.56 E, 3763810.41 N

[1] Model Output at the Preschool Receptor based on unit emission rates for sources (1 g/s).

[2] Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

# Table E8
# Preschool Health Risk Calculations

| Source | | MER Conc. ($\mu g/m^3$) ( b ) | Weight Fraction ( c ) | Contaminant ( d ) | URF $(\mu g/m^3)^{-1}$ ( e ) | CPF $(mg/kg/day)^{-1}$ ( f ) | Dose (by age bin) 2 < 9 years (mg/kg-day) ( g ) | Exposure Duration[2] (yr) ( h ) | Carcinogenic Risks 2 < 9 years per million ( i ) | **Chronic Hazards [3]** REL ($\mu g/m^3$) ( j ) | RESP ( k ) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ( a ) | | | | | | | | | | | |
| **Preschool (Montessori of Walnut) Receptors** | | | | | | | | | | | |
| 2025 | On & Off-Site Emissions | 2.31E-02 | 1.0E+00 | DPM | 3.0E-04 | 1.1E+00 | 1.36E-05 | 1.00 | 0.44 | 5.0E+00 | 4.63E-03 |
| 2026 | | 3.25E-03 | | | | | 1.92E-06 | 0.33 | 0.02 | | 6.51E-04 |
| | | | | | | | | **Total** | **0.5** | | **0.005** |

| | | Day Care |
|---|---|---|
| | OEHHA age bin | 2 < 9 years |
| | exposure year(s) | 2025-2026 |
| Dose Exposure Factors: | exposure frequency (days/year) | 250 |
| | 8-hour inhalation rate (L/kg-day) [1] | 861 |
| | inhalation absorption factor | 1 |
| | conversion factor (mg/µg; $m^3$/L) | 1.0E-06 |
| Risk Calculation Factors: | age sensitivity factor | 3 |
| | averaging time (years) | 70 |
| | per million | 1.0E+06 |
| | | 0.72 |

[1] Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (OEHHA, 2015).

[2] Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

[3] Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

Appendix

# Attachment F. Operational Risk Calculations

# Table F1
# MEIR Concentration Worksheet
# Input into HARP2

| Source No. ( a ) | Source ( b ) | Contaminant ( c ) | Weight Fraction ( d ) | Emission Rates[1] **Annual Avg** (g/s) ( e ) | AERMOD Output[2] **Annual Avg** ($\mu g/m^3$) ( f ) | Annual Average MER Concentration ($\mu g/m^3$) ( g ) |
|---|---|---|---|---|---|---|
| **Maximum Exposed Individual Residential (MEIR)** | | | | | | |
| 1 | Building 1 Idling | DPM | 1.0E+00 | 8.91E-06 | 172.0 | 1.53E-03 |
| 2 | Building 1 Offsite Truck Route | DPM | 1.0E+00 | 5.14E-06 | 3.776 | 1.94E-05 |
| 3 | Building 1 Onsite | DPM | 1.0E+00 | 4.53E-06 | 3.685 | 1.67E-05 |
| 4 | Building 1 Yard Area | DPM | 1.0E+00 | 1.66E-04 | 3.685 | 6.13E-04 |
| 5 | Building 2 Idling | DPM | 1.0E+00 | 5.92E-06 | 34.61 | 2.05E-04 |
| 6 | Building 2 Offsite Truck Route | DPM | 1.0E+00 | 1.28E-06 | 5.465 | 7.02E-06 |
| 7 | Building 2 Onsite | DPM | 1.0E+00 | 4.86E-07 | 6.910 | 3.36E-06 |
| 8 | Building 2 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 6.910 | 0.00E+00 |
| 9 | Building 3 Idling | DPM | 1.0E+00 | 3.00E-06 | 89.23 | 2.68E-04 |
| 10 | Building 3 Offsite Truck Route | DPM | 1.0E+00 | 2.70E-06 | 4.630 | 1.25E-05 |
| 11 | Building 3 Onsite | DPM | 1.0E+00 | 1.59E-06 | 2.528 | 4.03E-06 |
| 12 | Building 3 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 2.528 | 0.00E+00 |
| 13 | Building 4 Idling | DPM | 1.0E+00 | 7.01E-06 | 101.62 | 7.12E-04 |
| 14 | Building 4 Offsite Truck Route | DPM | 1.0E+00 | 2.65E-06 | 5.848 | 1.55E-05 |
| 15 | Building 4 Onsite | DPM | 1.0E+00 | 1.25E-06 | 5.262 | 6.59E-06 |
| 16 | Building 4 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 5.262 | 0.00E+00 |
| | | | | | TOTAL | **3.42E-03** For Cancer/Chronic Calculation |

Note: Maximum Exposed Individual Residential (MEIR)
UTM: 420534.99 E, 3764080.89 N

[1] Emission Rates, per source, from Source Emissions Inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

# Table F2
# MER Concentration Worksheet
# Elementary School Receptors

| Source No. | Source | Contaminant | Weight Fraction | Emission Rates[1] **Annual Avg** (g/s) | AERMOD Output[2] **Annual Avg** ($\mu g/m^3$) | Annual Average MER Concentration ($\mu g/m^3$) |
|---|---|---|---|---|---|---|
| ( a ) | ( b ) | ( c ) | ( d ) | ( e ) | ( f ) | ( g ) |
| **Maximum Exposed School Receptor** | | | | | | |
| 1 | Building 1 Idling | DPM | 1.0E+00 | 8.91E-06 | 80.26 | 7.15E-04 |
| 2 | Building 1 Offsite Truck Route | DPM | 1.0E+00 | 5.14E-06 | 2.397 | 1.23E-05 |
| 3 | Building 1 Onsite | DPM | 1.0E+00 | 4.53E-06 | 1.757 | 7.95E-06 |
| 4 | Building 1 Yard Area | DPM | 1.0E+00 | 1.66E-04 | 1.757 | 2.92E-04 |
| 5 | Building 2 Idling | DPM | 1.0E+00 | 5.92E-06 | 10.39 | 6.15E-05 |
| 6 | Building 2 Offsite Truck Route | DPM | 1.0E+00 | 1.28E-06 | 2.697 | 3.46E-06 |
| 7 | Building 2 Onsite | DPM | 1.0E+00 | 4.86E-07 | 2.298 | 1.12E-06 |
| 8 | Building 2 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 2.298 | 0.00E+00 |
| 9 | Building 3 Idling | DPM | 1.0E+00 | 3.00E-06 | 36.10 | 1.08E-04 |
| 10 | Building 3 Offsite Truck Route | DPM | 1.0E+00 | 2.70E-06 | 2.607 | 7.04E-06 |
| 11 | Building 3 Onsite | DPM | 1.0E+00 | 1.59E-06 | 1.373 | 2.19E-06 |
| 12 | Building 3 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 1.373 | 0.00E+00 |
| 13 | Building 4 Idling | DPM | 1.0E+00 | 7.01E-06 | 34.11 | 2.39E-04 |
| 14 | Building 4 Offsite Truck Route | DPM | 1.0E+00 | 2.65E-06 | 2.731 | 7.23E-06 |
| 15 | Building 4 Onsite | DPM | 1.0E+00 | 1.25E-06 | 1.913 | 2.40E-06 |
| 16 | Building 4 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 1.913 | 0.00E+00 |
| | | | | | TOTAL | **1.46E-03** For Cancer/Chronic Calculation |

Note: Maximum Exposed Receptor (MER)
UTM: 420470.31 E, 3764165.91 N

[1] Emission Rates, per source, from Source Emissions Inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

# Table F3
# MER Concentration Worksheet
# Preschool Receptor

| Source No. (a) | Source (b) | Contaminant (c) | Weight Fraction (d) | Emission Rates[1] **Annual Avg** (g/s) (e) | AERMOD Output[2] **Annual Avg** ($\mu g/m^3$) (f) | Annual Average MER Concentration ($\mu g/m^3$) (g) |
|---|---|---|---|---|---|---|
| **Preschool Receptor** | | | | | | |
| 1 | Building 1 Idling | DPM | 1.0E+00 | 8.91E-06 | 92.99 | 8.29E-04 |
| 2 | Building 1 Offsite Truck Route | DPM | 1.0E+00 | 5.14E-06 | 3.384 | 1.74E-05 |
| 3 | Building 1 Onsite | DPM | 1.0E+00 | 4.53E-06 | 3.493 | 1.58E-05 |
| 4 | Building 1 Yard Area | DPM | 1.0E+00 | 1.66E-04 | 3.493 | 5.81E-04 |
| 5 | Building 2 Idling | DPM | 1.0E+00 | 5.92E-06 | 7.942 | 4.70E-05 |
| 6 | Building 2 Offsite Truck Route | DPM | 1.0E+00 | 1.28E-06 | 3.240 | 4.16E-06 |
| 7 | Building 2 Onsite | DPM | 1.0E+00 | 4.86E-07 | 2.705 | 1.31E-06 |
| 8 | Building 2 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 2.705 | 0.00E+00 |
| 9 | Building 3 Idling | DPM | 1.0E+00 | 3.00E-06 | 34.75 | 1.04E-04 |
| 10 | Building 3 Offsite Truck Route | DPM | 1.0E+00 | 2.70E-06 | 3.426 | 9.25E-06 |
| 11 | Building 3 Onsite | DPM | 1.0E+00 | 1.59E-06 | 2.350 | 3.75E-06 |
| 12 | Building 3 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 2.350 | 0.00E+00 |
| 13 | Building 4 Idling | DPM | 1.0E+00 | 7.01E-06 | 24.54 | 1.72E-04 |
| 14 | Building 4 Offsite Truck Route | DPM | 1.0E+00 | 2.65E-06 | 3.228 | 8.54E-06 |
| 15 | Building 4 Onsite | DPM | 1.0E+00 | 1.25E-06 | 2.107 | 2.64E-06 |
| 16 | Building 4 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 2.107 | 0.00E+00 |
| | | | | | TOTAL | **1.80E-03** For Cancer/Chronic Calculation |

Note: Maximum Exposed Receptor (MER)
UTM: 420268.56 E, 3763810.41 N

[1] Emission Rates, per source, from Source Emissions Inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

# Table F4
# MER Concentration Worksheet
# High School Receptor

| Source No. (a) | Source (b) | Contaminant (c) | Weight Fraction (d) | Emission Rates[1] **Annual Avg** (g/s) (e) | AERMOD Output[2] **Annual Avg** ($\mu g/m^3$) (f) | Annual Average MER Concentration ($\mu g/m^3$) (g) |
|---|---|---|---|---|---|---|
| **High School Receptor** | | | | | | |
| 1 | Building 1 Idling | DPM | 1.0E+00 | 8.91E-06 | 96.25 | 8.58E-04 |
| 2 | Building 1 Offsite Truck Route | DPM | 1.0E+00 | 5.14E-06 | 65.689 | 3.38E-04 |
| 3 | Building 1 Onsite | DPM | 1.0E+00 | 4.53E-06 | 3.266 | 1.48E-05 |
| 4 | Building 1 Yard Area | DPM | 1.0E+00 | 1.66E-04 | 3.266 | 5.43E-04 |
| 5 | Building 2 Idling | DPM | 1.0E+00 | 5.92E-06 | 9.101 | 5.39E-05 |
| 6 | Building 2 Offsite Truck Route | DPM | 1.0E+00 | 1.28E-06 | 55.045 | 7.07E-05 |
| 7 | Building 2 Onsite | DPM | 1.0E+00 | 4.86E-07 | 3.157 | 1.53E-06 |
| 8 | Building 2 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 3.157 | 0.00E+00 |
| 9 | Building 3 Idling | DPM | 1.0E+00 | 3.00E-06 | 60.81 | 1.82E-04 |
| 10 | Building 3 Offsite Truck Route | DPM | 1.0E+00 | 2.70E-06 | 62.81 | 1.70E-04 |
| 11 | Building 3 Onsite | DPM | 1.0E+00 | 1.59E-06 | 5.00 | 7.97E-06 |
| 12 | Building 3 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 4.997 | 0.00E+00 |
| 13 | Building 4 Idling | DPM | 1.0E+00 | 7.01E-06 | 36.02 | 2.52E-04 |
| 14 | Building 4 Offsite Truck Route | DPM | 1.0E+00 | 2.65E-06 | 54.34 | 1.44E-04 |
| 15 | Building 4 Onsite | DPM | 1.0E+00 | 1.25E-06 | 3.66 | 4.58E-06 |
| 16 | Building 4 Yard Area | DPM | 1.0E+00 | 0.00E+00 | 3.657 | 0.00E+00 |
| | | | | | TOTAL | **2.64E-03** For Cancer/Chronic Calculation |

Note: Maximum Exposed Receptor (MER)
UTM: 420268.56 E, 3763810.41 N

[1] Emission Rates, per source, from Source Emissions Inventories (Appendix A).

[2] AERMOD Output (Appendix B) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

# Table F5 - MEIR
# HARP2 Output

Cancer

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | RISK_SUM | Scenario |
|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 1.53E-03 | 1.35E-06 | 30YrCancerDerived_InhSoilDermMMilk |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.94E-05 | 1.72E-08 | 30YrCancerDerived_InhSoilDermMMilk |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.67E-05 | 1.48E-08 | 30YrCancerDerived_InhSoilDermMMilk |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 6.13E-04 | 5.42E-07 | 30YrCancerDerived_InhSoilDermMMilk |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 2.05E-04 | 1.81E-07 | 30YrCancerDerived_InhSoilDermMMilk |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 7.02E-06 | 6.21E-09 | 30YrCancerDerived_InhSoilDermMMilk |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 3.36E-06 | 2.97E-09 | 30YrCancerDerived_InhSoilDermMMilk |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 30YrCancerDerived_InhSoilDermMMilk |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 2.68E-04 | 2.37E-07 | 30YrCancerDerived_InhSoilDermMMilk |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 1.25E-05 | 1.11E-08 | 30YrCancerDerived_InhSoilDermMMilk |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 4.03E-06 | 3.56E-09 | 30YrCancerDerived_InhSoilDermMMilk |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 30YrCancerDerived_InhSoilDermMMilk |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 7.12E-04 | 6.30E-07 | 30YrCancerDerived_InhSoilDermMMilk |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 1.55E-05 | 1.37E-08 | 30YrCancerDerived_InhSoilDermMMilk |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 6.59E-06 | 5.83E-09 | 30YrCancerDerived_InhSoilDermMMilk |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 30YrCancerDerived_InhSoilDermMMilk |
| | | | | | SUM | 3.018 | in a million |

Chronic

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | Scenario | CV | CNS | REPRO/DEVEL | RESP |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 1.53E-03 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-04 |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.94E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-06 |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.67E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.34E-06 |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 6.13E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-04 |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 2.05E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.10E-05 |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 7.02E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.40E-06 |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 3.36E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-07 |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 2.68E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-05 |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 1.25E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.50E-06 |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 4.03E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.06E-07 |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 7.12E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.42E-04 |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 1.55E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-06 |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 6.59E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-06 |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | SUM | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.83E-04 |
| | | | | | | MAX | 0.0007 | | | |

# Table F6 - MER Elementary School Receptor
# HARP2 Output

Cancer

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | RISK_SUM | Scenario |
|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 7.15E-04 | 9.51E-08 | 7YrCancerHighEnd_InhSoilDerm |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.23E-05 | 1.64E-09 | 7YrCancerHighEnd_InhSoilDerm |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 7.95E-06 | 1.06E-09 | 7YrCancerHighEnd_InhSoilDerm |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 2.92E-04 | 3.88E-08 | 7YrCancerHighEnd_InhSoilDerm |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 6.15E-05 | 8.18E-09 | 7YrCancerHighEnd_InhSoilDerm |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 3.46E-06 | 4.60E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.12E-06 | 1.49E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 7YrCancerHighEnd_InhSoilDerm |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.08E-04 | 1.44E-08 | 7YrCancerHighEnd_InhSoilDerm |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 7.04E-06 | 9.37E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 2.19E-06 | 2.91E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 7YrCancerHighEnd_InhSoilDerm |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 2.39E-04 | 3.18E-08 | 7YrCancerHighEnd_InhSoilDerm |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 7.23E-06 | 9.62E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 2.40E-06 | 3.19E-10 | 7YrCancerHighEnd_InhSoilDerm |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 7YrCancerHighEnd_InhSoilDerm |
| | | | | | SUM | 0.194 | in a million |

Chronic

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | Scenario | CV | CNS | REPRO/DEVEL | RESP |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 7.15E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.43E-04 |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.23E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-06 |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 7.95E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-06 |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 2.92E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-05 |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 6.15E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.23E-05 |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 3.46E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.92E-07 |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.12E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-07 |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.08E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-05 |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 7.04E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-06 |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 2.19E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.38E-07 |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 2.39E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.78E-05 |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 7.23E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-06 |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 2.40E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.80E-07 |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | SUM | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.92E-04 |
| | | | | | | MAX | 0.0003 | | | |

# Table F7 - MER Preschool Receptor
# HARP2 Output

Cancer

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | RISK_SUM | Scenario |
|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 8.29E-04 | 8.57E-08 | 5YrCancerHighEnd_InhSoilDerm |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.74E-05 | 1.80E-09 | 5YrCancerHighEnd_InhSoilDerm |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.58E-05 | 1.63E-09 | 5YrCancerHighEnd_InhSoilDerm |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 5.81E-04 | 6.00E-08 | 5YrCancerHighEnd_InhSoilDerm |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 4.70E-05 | 4.86E-09 | 5YrCancerHighEnd_InhSoilDerm |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 4.16E-06 | 4.30E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.31E-06 | 1.35E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 5YrCancerHighEnd_InhSoilDerm |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.04E-04 | 1.07E-08 | 5YrCancerHighEnd_InhSoilDerm |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 9.25E-06 | 9.56E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 3.75E-06 | 3.87E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 5YrCancerHighEnd_InhSoilDerm |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 1.72E-04 | 1.78E-08 | 5YrCancerHighEnd_InhSoilDerm |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 8.54E-06 | 8.82E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 2.64E-06 | 2.73E-10 | 5YrCancerHighEnd_InhSoilDerm |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 5YrCancerHighEnd_InhSoilDerm |
| | | | | | SUM | 0.186 | in a million |

Chronic

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | Scenario | CV | CNS | REPRO/DEVEL | RESP |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 8.29E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-04 |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 1.74E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.48E-06 |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.58E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.16E-06 |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 5.81E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.16E-04 |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 4.70E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-06 |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 4.16E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-07 |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.31E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.62E-07 |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.04E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-05 |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 9.25E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-06 |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 3.75E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.50E-07 |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 1.72E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-05 |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 8.54E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.71E-06 |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 2.64E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-07 |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | SUM | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.59E-04 |
| | | | | | | MAX | 0.0004 | | | |

# Table F8 - MER High School Receptor
# HARP2 Output

Cancer

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | RISK_SUM | Scenario |
|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 8.58E-04 | 3.32E-08 | 4YrCancerHighEnd_InhSoilDerm |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 3.38E-04 | 1.31E-08 | 4YrCancerHighEnd_InhSoilDerm |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.48E-05 | 5.73E-10 | 4YrCancerHighEnd_InhSoilDerm |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 5.43E-04 | 2.10E-08 | 4YrCancerHighEnd_InhSoilDerm |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 5.39E-05 | 2.09E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 7.07E-05 | 2.74E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.53E-06 | 5.93E-11 | 4YrCancerHighEnd_InhSoilDerm |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 4YrCancerHighEnd_InhSoilDerm |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.82E-04 | 7.05E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 1.70E-04 | 6.59E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 7.97E-06 | 3.09E-10 | 4YrCancerHighEnd_InhSoilDerm |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 4YrCancerHighEnd_InhSoilDerm |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 2.52E-04 | 9.76E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 1.44E-04 | 5.58E-09 | 4YrCancerHighEnd_InhSoilDerm |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 4.58E-06 | 1.77E-10 | 4YrCancerHighEnd_InhSoilDerm |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | 0.00E+00 | 4YrCancerHighEnd_InhSoilDerm |
| | | | | | SUM | 0.102 | in a million |

Chronic

| | GRP1 | GRP2 | POLID | POLABBREV | CONC | Scenario | CV | CNS | REPRO/DEVEL | RESP |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Building 1 Idling | | 9901 | DieselExhPM | 8.58E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-04 |
| 2 | Building 1 Offsite Truck Route | | 9901 | DieselExhPM | 3.38E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.76E-05 |
| 3 | Building 1 Onsite | | 9901 | DieselExhPM | 1.48E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.96E-06 |
| 4 | Building 1 Yard Area | | 9901 | DieselExhPM | 5.43E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-04 |
| 5 | Building 2 Idling | | 9901 | DieselExhPM | 5.39E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-05 |
| 6 | Building 2 Offsite Truck Route | | 9901 | DieselExhPM | 7.07E-05 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.41E-05 |
| 7 | Building 2 Onsite | | 9901 | DieselExhPM | 1.53E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.06E-07 |
| 8 | Building 2 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 9 | Building 3 Idling | | 9901 | DieselExhPM | 1.82E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.64E-05 |
| 10 | Building 3 Offsite Truck Route | | 9901 | DieselExhPM | 1.70E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.40E-05 |
| 11 | Building 3 Onsite | | 9901 | DieselExhPM | 7.97E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.59E-06 |
| 12 | Building 3 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 13 | Building 4 Idling | | 9901 | DieselExhPM | 2.52E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.04E-05 |
| 14 | Building 4 Offsite Truck Route | | 9901 | DieselExhPM | 1.44E-04 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-05 |
| 15 | Building 4 Onsite | | 9901 | DieselExhPM | 4.58E-06 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.16E-07 |
| 16 | Building 4 Yard Area | | 9901 | DieselExhPM | 0.00E+00 | NonCancerChronic | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | | | | | | SUM | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.28E-04 |
| | | | | | | MAX | 0.0005 | | | |