Ldn Consulting, Inc.
42428 Chisolm Trail, Murrieta CA 92562 phone 760-473-1253
www.ldnconsulting.net fax 760-689-4943

November 9, 2022

Wermers Properties
5120 Shoreham Place, #150
San Diego, CA 92122

RE: Hope Avenue Residential Health Risk Screening Letter City of Carlsbad CA

The purpose of this Air Quality Heath Risk screening letter is to identify potential health risks at the proposed project site from Diesel Particulate Matter (DPM) originating from Interstate-5 (I-5). The Project proposes to construct 156 multi-family residential units on a 2.95 acre development located west of I-5 between at the northeast corner of Carlsbad Village Drive and Hope Avenue within the City of Carlsbad.

This health risk analysis uses the California Office of Environmental Health Hazard Assessment (OEHHA) methodologies (Office of Environmental Health Hazard Assessment, 2015) as outlined by the California Air Pollution Control Officers Association (CAPCOA, July 2009). Health risk impacts are generally broken up into two various types. Type A project: are projects which have the potential to emit toxic emissions and have the potential to impact nearby receptor. Type B projects: place receptors in the vicinity of existing toxic sources like freeways, high traffic roads or rail yards. Based on this information the proposed project is classified as Type B.

Projects within the San Diego County air basin are generally regulated by San Diego Air Pollution Control District (SDAPCD). For Type A projects, significance thresholds have been established under SDAPCDs "Hot Spots" and permitting program (SDAPCD Rule 1200 and 1210). Under this program, excess cancer risk significance threshold is set at ***10 in a million*** and acute and chronic, non-carcinogenic health effect, a hazard index of ***one*** must not be exceeded.

For Type B projects, there are no clear significance thresholds. California Environmental Quality Act (CEQA) statutes encourage an air district or any lead agency to establish Type B significance thresholds under CEQA for any pollutant. While there are considerations that support the establishment of thresholds, there is no obligation to do so. Significance thresholds for Type B projects within the City of Carlsbad and the County of San Diego have also not been defined. According to CAPCOA Air districts have historically recommended CEQA thresholds for air pollutants in the context of the air district's clean air attainment plan, or (in the case of toxic air pollutants) within the framework of a rule or policy that manages risks and exposures due to toxic pollutants such as SDAPCDs Rule 1200 and 1210 for Type A projects above. For purposes

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of this analysis significance thresholds will be assumed to be those of the "Hot Spot" program discussed above.

Cancer risk calculations are based on a 70 year lifetime exposure. In some limited cases, it may be appropriate to also use between 9 to 40 years exposure in the calculation. The 9 year exposure scenario is based on exposure to children during the first 9 years of life. Some districts use the 9 year exposure scenario to model short term projects. (CAPCOA, July 2009). For purposes of this analysis, it is reasonable to assume a 30 year duration.

For purposes of modeling, AERMOD was used for air quality dispersion modeling and is the preferred/recommended U.S. Environmental Protection Agency (EPA) model for roadway modeling. The software has the ability to incorporate meteorological inputs as well as multiple source and receptor locations and is now used throughout the world. The model input/output is shown in ***Attachment A*** to this letter.

The project is adjacent to I-5 between the off ramp of Carlsbad Village Drive and Las Flores Drive. According to Caltrans, the annual average daily trips are 173,000 AADT (CALTRANS, 2020). Using the California Air Resource Boards EMFAC 2017 web database model, Emission rates for a 2025 calendar Year having mixed vehicle categories, aggregated vehicle model years and speeds matching I-5 were downloaded. The emission rates for each vehicle type were then categorized in terms of Categorized Vehicle Miles Traveled (VMT) divided by Total fleet VMT. The data is further broken down into only Diesel particulates which are then used as inputs to AERMOD. From this data I-5 would generate 0.0013 grams/second of diesel particulates over the modeled segment. The EMFAC Model and Normalization calculations are shown in ***Attachment B*** to this letter.

Modeling at the site included coordinates for I-5 represented by multiple volume sources used by AERMOD to calculate roadway emissions and are identified as red squares, yellow points which represents a receptor matrix made up of gridded (computer generated) and discreet (manually selected) receptors which is used by AERMOD to calculate emission values for contour and discreet outputs.

A graphical representation of the modeling locations is shown on a site aerial below in Figure 1 on the following page and again Figure 2 which also shows the descriptive discreet receptors locations around the facility on Page 4 of this report which provide. The modeled output plot from AERMOD is shown in Figure 3 on Page 5 of this report. Also, four (4) discreet receptors were selected at building facades and have been reported separately within AERMOD outputs for easier viewing and are summarized in Table 1 on Page 6 of this report.

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Figure 1: Modeling Graphical Layout

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Figure 2: Discreet Receptor Locations

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Figure 3: Modeling Graphical DPM Concentration Output

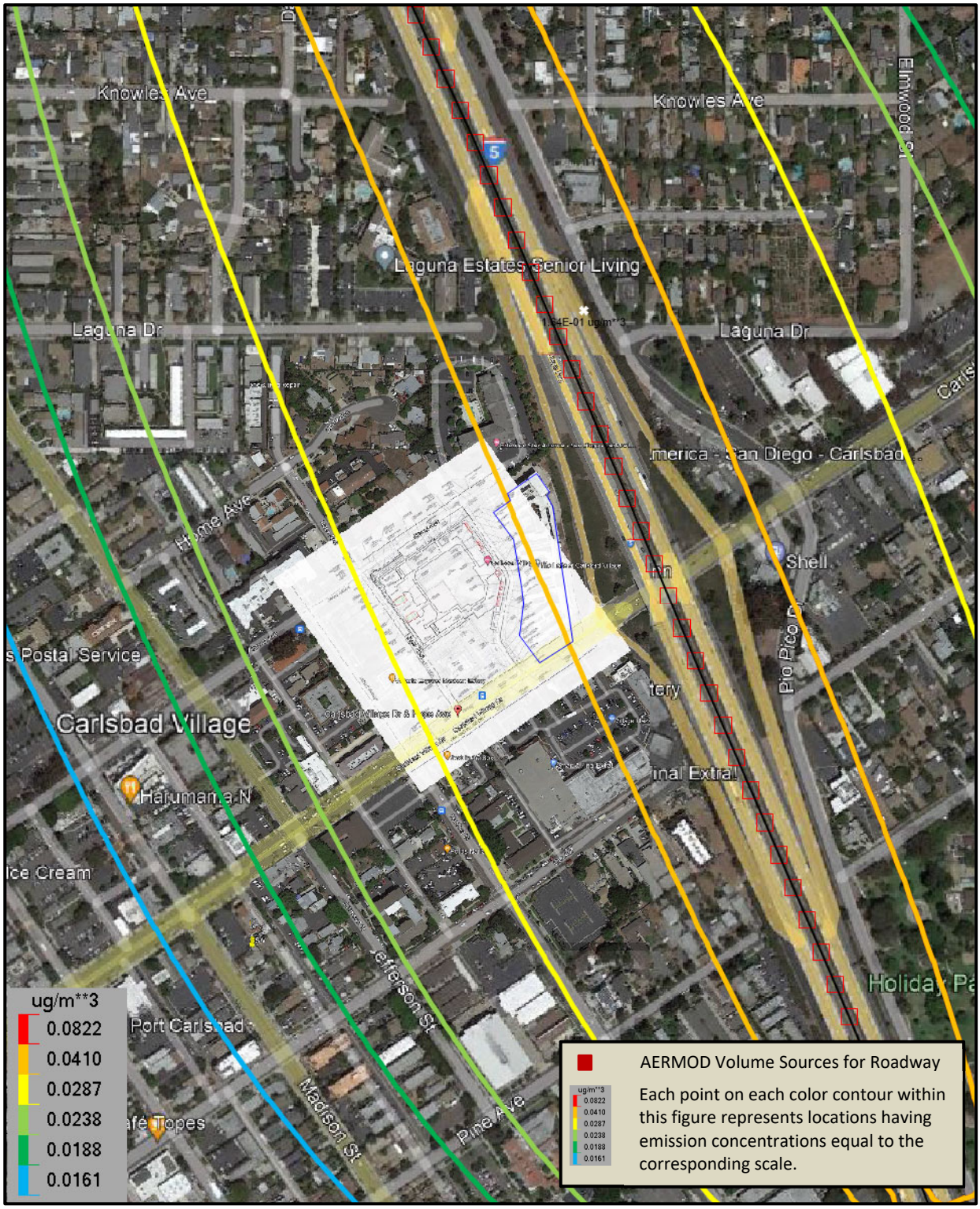

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Table 1: Unmitigated DPM Concentrations at each Receptor

Receptor #	Discreet Receptor AERMOD Name	Concentration (µg/m^3)
1	R1	0.057
2	R2	0.066
3	R3	0.067
4	R4	0.060

Once the dispersed concentrations of diesel particulates are estimated in the surrounding air, they are used to evaluate estimated exposure to people.

Cancer Risk Exposure is evaluated by calculating the dose in milligrams per kilogram body weight per day (mg/kg/d). For residential exposure, the breathing rates are determined for specific age groups, so inhalation dose (Dose-air) is calculated for each of these age groups, 3rd trimester, 0<2, 2<9, 2<16, 16<30 and 16-70 years. The following algorithms calculate this dose for exposure through the inhalation pathways. The worst case cancer risk dose calculation is defined in Equation 1 below (OEHHA, 2015):

Equation 1 $$Dose_{air}=C_{air}*(BR/BW)*A*EF*(1x10^{-6})$$

$Dose_{air}$	=	Dose through inhalation (mg/kg/d)
C_{air}	=	Concentration in air (µg/m3) Annual average DPM concentration in µg/m3 – AERMOD
BR/BW	=	Daily average breathing rates normalized to body weight (L/kg BW-day).
A	=	Inhalation absorption factor (assumed to be 1)
EF	=	Exposure frequency (unitless, days/365 days)
1x10-6	=	Milligrams to micrograms conversion (10^{-3} mg/ µg), cubic meters to liters conversion (10^{-3} m^3/l)

Once the dose is determined then you must calculate the cancer risk. The average daily inhalation dose (mg/kg-day) multiplied by the cancer potency factor (mg/kg-day)-1 will give the inhalation cancer risk (unitless), which is an expression of the chemical's cancer risk during a 70-year lifespan of exposure. For example, an inhalation cancer risk of 5 x 10-6 is the same as stating that an individual has an estimated probability of developing cancer from their exposure of 5 chances per million people exposed.

Cancer risk is calculated by multiplying the daily inhalation or oral dose, by a cancer potency factor, the age sensitivity factor, the frequency of time spent at home and the exposure duration divided by averaging time, to yield the excess cancer risk. As described below, the excess cancer risk is calculated separately for each age grouping and then summed to yield cancer risk for any

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given location. The worst-case cancer risk calculation is defined in Equation 2 below (OEHHA, 2015).

Equation 2

$$RISK_{inh\text{-}res} = DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$$

$RISK_{inh\text{-}res}$	=	Residential inhalation cancer risk
$DOSE_{air}$	=	Daily inhalation dose (mg/kg-day)
CPF	=	Inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF	=	Age sensitivity factor for a specified age group (unitless)
ED	=	Exposure duration (in years) for a specified age group
AT	=	Averaging time for lifetime cancer risk (years)
FAH	=	Fraction of time spent at home (unitless)

Based on review of the discreet receptors, the highest three emissions at the project site were selected as a means to calculate the worst-case cancer risks at the project exterior façade. The results of the cancer risk calculations which do not account for heating and ventilation air filtration are shown in Table 2 below and are shown in detail in ***Attachment C*** to this report. Based on these calculations, cancer risks would exceed 10 per one million exposed and could be considered a significant impact.

Table 2: Cancer Risk at Worst-Case Outdoor Receptors (Unmitigated)

Receptor	C_i	Cancer Risk (30 Years)	Cancer Risk (70 Years)	Impact
R1	0.057	23.6	30.4	Yes
R2	0.066	27.2	35.4	Yes
R3	0.067	27.9	36.3	Yes
R4	0.060	24.7	32.1	Yes

C_i annual inputs from AERMOD at building facade.
Cancer Risk = $DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$

These risks would likely be lower within the interior of the residential units where residents will likely be spending most of their time since new homes have tighter building envelopes and better heating and ventilation systems compatible with energy efficient designs. Typical indoor air filtration systems used within heating and ventilation systems have a Minimum Efficiency Reporting Value (MERV) rating which is used to describe how well a particular filtration media removes particles from the air.

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Typical indoor air filtration systems used within common heating and ventilation systems have a Minimum Efficiency Reporting Value (MERV) of 13. The rating system is used to describe how well a particular filtration media removes particles from the air. MERV 13 systems have been found to reduce particulates 2.5 microns or less by 87 to 95% (CARB, 2012) and even better for particulates 10 microns or less as is modeled within this report. Therefore, residents would likely be exposed to much lower quantities of DPM closer to projected in Table 3 below or a worst-case indoor environment having reduced DPM by 87%. Table 3 below shows what the cancer risks would be reduced to less than one in one million exposed using the typical MERV 13 filtrations systems. The mitigated cancer risk calculations are provided as ***Attachment D*** to this report.

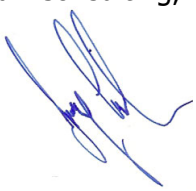
Table 3: Cancer Risk at Worst-Case Indoor Receptors (MERV 16)

Receptor	C_i	Cancer Risk (30 Years)	Cancer Risk (70 Years)	Impact
R1	0.007	3.1	3.9	No
R2	0.009	3.5	4.6	No
R3	0.009	3.6	4.7	No
R4	0.008	3.2	4.2	No

C_i annual inputs from AERMOD at building facade.
Cancer Risk = DOSEair × CPF × ASF × ED/AT × FAH

It is important to note that this assessment serves simply as a disclosure document to providing a characterization of the background emissions that occupants of the proposed project may be exposed to. If you should have any questions regarding this assessment, please do not hesitate to contact me at (760) 473-1253.

Sincerely,
Ldn Consulting, Inc.



Jeremy Louden

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Attachments:

A: AERMOD

B: EMFAC 2017 Emission Factors (2025)

C: Cancer Risk Calculations – Outdoor Facade

D: Cancer Risk Calculations – MERV 13 Indoor

References:

CALTRANS. (2020). *2020 ADT EXCEL Download.* Retrieved 2021, from https://dot.ca.gov/programs/traffic-operations/census

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             (C) COPYRIGHT 1998-2017, Trinity Consultants

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** Trinity Consultants
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** RCPDESCR  gridded receptor
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RE DISCCART  468275.0  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468296.6  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468318.2  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468339.8  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468361.4  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468383.0  3670072.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467519.0  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467540.6  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467562.2  3670106.1  0  0
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RE DISCCART  467583.8  3670106.1  0  0
** RCPDESCR  gridded receptor
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** RCPDESCR  gridded receptor
RE DISCCART  467627.0  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467648.6  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467670.2  3670106.1  0  0
** RCPDESCR  gridded receptor
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RE DISCCART  467778.2  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467799.8  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  467821.4  3670106.1  0  0
** RCPDESCR  gridded receptor
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RE DISCCART  468188.6  3670106.1  0  0
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RE DISCCART  468210.2  3670106.1  0  0
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RE DISCCART  468231.8  3670106.1  0  0
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RE DISCCART  468275.0  3670106.1  0  0
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RE DISCCART  468296.6  3670106.1  0  0
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RE DISCCART  468318.2  3670106.1  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468339.8  3670106.1  0  0
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RE DISCCART  468361.4  3670106.1  0  0
** RCPDESCR  gridded receptor
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RE DISCCART  467562.2  3670139.5  0  0
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RE DISCCART  467583.8  3670139.5  0  0
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RE DISCCART  467821.4  3670139.5  0  0
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RE DISCCART  467562.2  3670172.9  0  0
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RE DISCCART  467583.8  3670172.9  0  0
** RCPDESCR  gridded receptor
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** RCPDESCR  gridded receptor
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RE DISCCART  467778.2  3670239.7  0  0
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** RCPDESCR  gridded receptor
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RE DISCCART  468145.4  3670239.7  0  0
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RE DISCCART  468188.6  3670239.7  0  0
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RE DISCCART  468318.2  3670239.7  0  0
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RE DISCCART  468339.8  3670239.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468361.4  3670239.7  0  0
** RCPDESCR  gridded receptor
RE DISCCART  468383.0  3670239.7  0  0
** RCPDESCR  gridded receptor
RE FINISHED

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** SURFFILE  "C:\USERS\RYAN\ONEDRIVE\LDNONE~1\CI5106~1\22-08P~1\AERMOD\KMA2012V15181.SFC"
ME PROFFILE  "C:\USERS\RYAN\ONEDRIVE\LDNONE~1\CI5106~1\22-08P~1\AERMOD\KMA2012V15181.PFL"
** PROFFILE  "C:\USERS\RYAN\ONEDRIVE\LDNONE~1\CI5106~1\22-08P~1\AERMOD\KMA2012V15181.PFL"
ME SURFDATA  93107 2012 OVERLANDSURFACESTATION
ME UAIRDATA  3190 2012 OVERLANDUPPERSTATION
ME SITEDATA  00001016 2012
ME PROFBASE  116  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** **************************************************************************
** It is recommended that the user not edit any data below this line
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** BUILDING NAM  B1
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** BUILDING CRN  467986.4  3669518.1
** BUILDING CRN  467983.3  3669514.7
** BUILDING CRN  467989  3669505.6
** BUILDING CRN  468006.2  3669389.7
** BUILDING CRN  467977.8  3669371.7
** BUILDING CRN  467960.6  3669395.5
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** BUILDING CRN  467962.3  3669437.1
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** AMPTYPE  NED
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** AMPHEMISPHERE  N

** PROJECTIONWKT
PROJCS["UTM_4326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["G
reenwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]
]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
** TEMPLATE USERDEFINED
** AERMODEXE  AERMOD_BREEZE_19191_64.EXE
** AERMAPEXE  AERMAP_EPA_11103.EXE


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 MX W403    3562       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

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

↑ *** AERMOD - VERSION  19191 ***   ***  PM10 Exhaust I-5                                                    ***        04/27/22
 *** AERMET - VERSION  15181 ***   ***                                                                     ***        08:55:35
                                                                                                                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.

 **Other Options Specified:
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.
```

**The User Specified a Pollutant Type of: PM10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 50 Source(s);   1 Source Group(s); and   1685 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 50 VOLUME source(s)
                and: 0 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with   0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 15181

**Output Options Selected:
        Model Outputs Tables of ANNUAL Averages by Receptor
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE 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) =   116.00 ; Decay Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ; Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.7 MB of RAM.

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

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** 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
TH2CK002	0	0.26600E-04	467698.6	3670239.6	0.0	2.50	13.95	2.33	NO	
TH2CK003	0	0.26600E-04	467714.3	3670214.0	0.0	2.50	13.95	2.33	NO	
TH2CK004	0	0.26600E-04	467730.0	3670188.4	0.0	2.50	13.95	2.33	NO	
TH2CK005	0	0.26600E-04	467745.6	3670162.9	0.0	2.50	13.95	2.33	NO	
TH2CK006	0	0.26600E-04	467761.3	3670137.3	0.0	2.50	13.95	2.33	NO	
TH2CK007	0	0.26600E-04	467776.4	3670111.4	0.0	2.50	13.95	2.33	NO	
TH2CK008	0	0.26600E-04	467790.8	3670085.1	0.0	2.50	13.95	2.33	NO	
TH2CK009	0	0.26600E-04	467805.2	3670058.7	0.0	2.50	13.95	2.33	NO	
TH2CK00A	0	0.26600E-04	467819.5	3670032.3	0.0	2.50	13.95	2.33	NO	
TH2CK00B	0	0.26600E-04	467833.2	3670005.7	0.0	2.50	13.95	2.33	NO	
TH2CK00C	0	0.26600E-04	467847.0	3669979.0	0.0	2.50	13.95	2.33	NO	
TH2CK00D	0	0.26600E-04	467859.7	3669951.8	0.0	2.50	13.95	2.33	NO	
TH2CK00E	0	0.26600E-04	467872.3	3669924.6	0.0	2.50	13.95	2.33	NO	
TH2CK00F	0	0.26600E-04	467884.9	3669897.4	0.0	2.50	13.95	2.33	NO	
TH2CK00G	0	0.26600E-04	467897.6	3669870.2	0.0	2.50	13.95	2.33	NO	
TH2CK00H	0	0.26600E-04	467910.2	3669843.0	0.0	2.50	13.95	2.33	NO	
TH2CK00I	0	0.26600E-04	467922.7	3669815.7	0.0	2.50	13.95	2.33	NO	
TH2CK00J	0	0.26600E-04	467934.5	3669788.1	0.0	2.50	13.95	2.33	NO	
TH2CK00K	0	0.26600E-04	467946.3	3669760.6	0.0	2.50	13.95	2.33	NO	
TH2CK00L	0	0.26600E-04	467958.1	3669733.0	0.0	2.50	13.95	2.33	NO	
TH2CK00M	0	0.26600E-04	467969.9	3669705.4	0.0	2.50	13.95	2.33	NO	
TH2CK00N	0	0.26600E-04	467981.7	3669677.8	0.0	2.50	13.95	2.33	NO	
TH2CK00O	0	0.26600E-04	467993.5	3669650.2	0.0	2.50	13.95	2.33	NO	
TH2CK00P	0	0.26600E-04	468005.3	3669622.6	0.0	2.50	13.95	2.33	NO	
TH2CK00Q	0	0.26600E-04	468017.1	3669595.1	0.0	2.50	13.95	2.33	NO	
TH2CK00R	0	0.26600E-04	468028.9	3669567.5	0.0	2.50	13.95	2.33	NO	
TH2CK00S	0	0.26600E-04	468040.7	3669539.9	0.0	2.50	13.95	2.33	NO	
TH2CK00T	0	0.26600E-04	468052.5	3669512.3	0.0	2.50	13.95	2.33	NO	
TH2CK00U	0	0.26600E-04	468064.0	3669484.6	0.0	2.50	13.95	2.33	NO	
TH2CK00V	0	0.26600E-04	468075.6	3669456.9	0.0	2.50	13.95	2.33	NO	
TH2CK00W	0	0.26600E-04	468087.2	3669429.3	0.0	2.50	13.95	2.33	NO	
TH2CK00X	0	0.26600E-04	468098.8	3669401.6	0.0	2.50	13.95	2.33	NO	
TH2CK00Y	0	0.26600E-04	468110.3	3669373.9	0.0	2.50	13.95	2.33	NO	
TH2CK00Z	0	0.26600E-04	468122.1	3669346.3	0.0	2.50	13.95	2.33	NO	
TH2CK010	0	0.26600E-04	468134.0	3669318.8	0.0	2.50	13.95	2.33	NO	
TH2CK011	0	0.26600E-04	468145.9	3669291.3	0.0	2.50	13.95	2.33	NO	
TH2CK012	0	0.26600E-04	468157.9	3669263.7	0.0	2.50	13.95	2.33	NO	
TH2CK013	0	0.26600E-04	468169.8	3669236.2	0.0	2.50	13.95	2.33	NO	
TH2CK014	0	0.26600E-04	468181.8	3669208.7	0.0	2.50	13.95	2.33	NO	
TH2CK015	0	0.26600E-04	468193.7	3669181.2	0.0	2.50	13.95	2.33	NO	

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** 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
TH2CK016	0	0.26600E-04	468205.7	3669153.7	0.0	2.50	13.95	2.33	NO	
TH2CK017	0	0.26600E-04	468217.6	3669126.2	0.0	2.50	13.95	2.33	NO	
TH2CK018	0	0.26600E-04	468229.6	3669098.6	0.0	2.50	13.95	2.33	NO	
TH2CK019	0	0.26600E-04	468241.3	3669071.0	0.0	2.50	13.95	2.33	NO	
TH2CK01A	0	0.26600E-04	468253.0	3669043.4	0.0	2.50	13.95	2.33	NO	
TH2CK01B	0	0.26600E-04	468264.8	3669015.8	0.0	2.50	13.95	2.33	NO	
TH2CK01C	0	0.26600E-04	468276.5	3668988.2	0.0	2.50	13.95	2.33	NO	
TH2CK01D	0	0.26600E-04	468288.2	3668960.6	0.0	2.50	13.95	2.33	NO	
TH2CK01E	0	0.26600E-04	468300.0	3668933.0	0.0	2.50	13.95	2.33	NO	
TH2CK01F	0	0.26600E-04	468311.7	3668905.4	0.0	2.50	13.95	2.33	NO	

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 , TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E , TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M , TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , TH2CK00U , TH2CK00V , TH2CK00W , TH2CK00X , TH2CK00Y , TH2CK00Z , TH2CK010 , TH2CK011 , TH2CK012 , TH2CK013 , TH2CK014 , TH2CK015 , TH2CK016 , TH2CK017 , TH2CK018 , TH2CK019 , TH2CK01A , TH2CK01B , TH2CK01C , TH2CK01D , TH2CK01E , TH2CK01F ,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467519.0, 3668903.7,	0.0,	0.0,	0.0);	(467540.6, 3668903.7,	0.0,	0.0,	0.0);
(467562.2, 3668903.7,	0.0,	0.0,	0.0);	(467583.8, 3668903.7,	0.0,	0.0,	0.0);
(467605.4, 3668903.7,	0.0,	0.0,	0.0);	(467627.0, 3668903.7,	0.0,	0.0,	0.0);
(467648.6, 3668903.7,	0.0,	0.0,	0.0);	(467670.2, 3668903.7,	0.0,	0.0,	0.0);
(467691.8, 3668903.7,	0.0,	0.0,	0.0);	(467713.4, 3668903.7,	0.0,	0.0,	0.0);
(467735.0, 3668903.7,	0.0,	0.0,	0.0);	(467756.6, 3668903.7,	0.0,	0.0,	0.0);
(467778.2, 3668903.7,	0.0,	0.0,	0.0);	(467799.8, 3668903.7,	0.0,	0.0,	0.0);
(467821.4, 3668903.7,	0.0,	0.0,	0.0);	(467843.0, 3668903.7,	0.0,	0.0,	0.0);
(467864.6, 3668903.7,	0.0,	0.0,	0.0);	(467886.2, 3668903.7,	0.0,	0.0,	0.0);
(467907.8, 3668903.7,	0.0,	0.0,	0.0);	(467929.4, 3668903.7,	0.0,	0.0,	0.0);
(467951.0, 3668903.7,	0.0,	0.0,	0.0);	(467972.6, 3668903.7,	0.0,	0.0,	0.0);
(467994.2, 3668903.7,	0.0,	0.0,	0.0);	(468015.8, 3668903.7,	0.0,	0.0,	0.0);
(468037.4, 3668903.7,	0.0,	0.0,	0.0);	(468059.0, 3668903.7,	0.0,	0.0,	0.0);
(468080.6, 3668903.7,	0.0,	0.0,	0.0);	(468102.2, 3668903.7,	0.0,	0.0,	0.0);
(468123.8, 3668903.7,	0.0,	0.0,	0.0);	(468145.4, 3668903.7,	0.0,	0.0,	0.0);
(468167.0, 3668903.7,	0.0,	0.0,	0.0);	(468188.6, 3668903.7,	0.0,	0.0,	0.0);
(468210.2, 3668903.7,	0.0,	0.0,	0.0);	(468231.8, 3668903.7,	0.0,	0.0,	0.0);
(468253.4, 3668903.7,	0.0,	0.0,	0.0);	(468275.0, 3668903.7,	0.0,	0.0,	0.0);
(468296.6, 3668903.7,	0.0,	0.0,	0.0);	(468318.2, 3668903.7,	0.0,	0.0,	0.0);
(468339.8, 3668903.7,	0.0,	0.0,	0.0);	(468361.4, 3668903.7,	0.0,	0.0,	0.0);
(468383.0, 3668903.7,	0.0,	0.0,	0.0);	(467519.0, 3668937.1,	0.0,	0.0,	0.0);
(467540.6, 3668937.1,	0.0,	0.0,	0.0);	(467562.2, 3668937.1,	0.0,	0.0,	0.0);
(467583.8, 3668937.1,	0.0,	0.0,	0.0);	(467605.4, 3668937.1,	0.0,	0.0,	0.0);
(467627.0, 3668937.1,	0.0,	0.0,	0.0);	(467648.6, 3668937.1,	0.0,	0.0,	0.0);
(467670.2, 3668937.1,	0.0,	0.0,	0.0);	(467691.8, 3668937.1,	0.0,	0.0,	0.0);
(467713.4, 3668937.1,	0.0,	0.0,	0.0);	(467735.0, 3668937.1,	0.0,	0.0,	0.0);
(467756.6, 3668937.1,	0.0,	0.0,	0.0);	(467778.2, 3668937.1,	0.0,	0.0,	0.0);
(467799.8, 3668937.1,	0.0,	0.0,	0.0);	(467821.4, 3668937.1,	0.0,	0.0,	0.0);
(467843.0, 3668937.1,	0.0,	0.0,	0.0);	(467864.6, 3668937.1,	0.0,	0.0,	0.0);
(467886.2, 3668937.1,	0.0,	0.0,	0.0);	(467907.8, 3668937.1,	0.0,	0.0,	0.0);
(467929.4, 3668937.1,	0.0,	0.0,	0.0);	(467951.0, 3668937.1,	0.0,	0.0,	0.0);
(467972.6, 3668937.1,	0.0,	0.0,	0.0);	(467994.2, 3668937.1,	0.0,	0.0,	0.0);
(468015.8, 3668937.1,	0.0,	0.0,	0.0);	(468037.4, 3668937.1,	0.0,	0.0,	0.0);
(468059.0, 3668937.1,	0.0,	0.0,	0.0);	(468080.6, 3668937.1,	0.0,	0.0,	0.0);
(468102.2, 3668937.1,	0.0,	0.0,	0.0);	(468123.8, 3668937.1,	0.0,	0.0,	0.0);
(468145.4, 3668937.1,	0.0,	0.0,	0.0);	(468167.0, 3668937.1,	0.0,	0.0,	0.0);

(468188.6, 3668937.1, 0.0, 0.0, 0.0); (468210.2, 3668937.1, 0.0, 0.0, 0.0);
(468231.8, 3668937.1, 0.0, 0.0, 0.0); (468253.4, 3668937.1, 0.0, 0.0, 0.0);
(468275.0, 3668937.1, 0.0, 0.0, 0.0); (468296.6, 3668937.1, 0.0, 0.0, 0.0);
(468318.2, 3668937.1, 0.0, 0.0, 0.0); (468339.8, 3668937.1, 0.0, 0.0, 0.0);
(468361.4, 3668937.1, 0.0, 0.0, 0.0); (468383.0, 3668937.1, 0.0, 0.0, 0.0);
(467519.0, 3668970.5, 0.0, 0.0, 0.0); (467540.6, 3668970.5, 0.0, 0.0, 0.0);
(467562.2, 3668970.5, 0.0, 0.0, 0.0); (467583.8, 3668970.5, 0.0, 0.0, 0.0);
(467605.4, 3668970.5, 0.0, 0.0, 0.0); (467627.0, 3668970.5, 0.0, 0.0, 0.0);
(467648.6, 3668970.5, 0.0, 0.0, 0.0); (467670.2, 3668970.5, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467691.8, 3668970.5, 0.0, 0.0, 0.0); (467713.4, 3668970.5, 0.0, 0.0, 0.0);
(467735.0, 3668970.5, 0.0, 0.0, 0.0); (467756.6, 3668970.5, 0.0, 0.0, 0.0);
(467778.2, 3668970.5, 0.0, 0.0, 0.0); (467799.8, 3668970.5, 0.0, 0.0, 0.0);
(467821.4, 3668970.5, 0.0, 0.0, 0.0); (467843.0, 3668970.5, 0.0, 0.0, 0.0);
(467864.6, 3668970.5, 0.0, 0.0, 0.0); (467886.2, 3668970.5, 0.0, 0.0, 0.0);
(467907.8, 3668970.5, 0.0, 0.0, 0.0); (467929.4, 3668970.5, 0.0, 0.0, 0.0);
(467951.0, 3668970.5, 0.0, 0.0, 0.0); (467972.6, 3668970.5, 0.0, 0.0, 0.0);
(467994.2, 3668970.5, 0.0, 0.0, 0.0); (468015.8, 3668970.5, 0.0, 0.0, 0.0);
(468037.4, 3668970.5, 0.0, 0.0, 0.0); (468059.0, 3668970.5, 0.0, 0.0, 0.0);
(468080.6, 3668970.5, 0.0, 0.0, 0.0); (468102.2, 3668970.5, 0.0, 0.0, 0.0);
(468123.8, 3668970.5, 0.0, 0.0, 0.0); (468145.4, 3668970.5, 0.0, 0.0, 0.0);
(468167.0, 3668970.5, 0.0, 0.0, 0.0); (468188.6, 3668970.5, 0.0, 0.0, 0.0);
(468210.2, 3668970.5, 0.0, 0.0, 0.0); (468231.8, 3668970.5, 0.0, 0.0, 0.0);
(468253.4, 3668970.5, 0.0, 0.0, 0.0); (468275.0, 3668970.5, 0.0, 0.0, 0.0);
(468296.6, 3668970.5, 0.0, 0.0, 0.0); (468318.2, 3668970.5, 0.0, 0.0, 0.0);
(468339.8, 3668970.5, 0.0, 0.0, 0.0); (468361.4, 3668970.5, 0.0, 0.0, 0.0);
(468383.0, 3668970.5, 0.0, 0.0, 0.0); (467519.0, 3669003.9, 0.0, 0.0, 0.0);
(467540.6, 3669003.9, 0.0, 0.0, 0.0); (467562.2, 3669003.9, 0.0, 0.0, 0.0);
(467583.8, 3669003.9, 0.0, 0.0, 0.0); (467605.4, 3669003.9, 0.0, 0.0, 0.0);
(467627.0, 3669003.9, 0.0, 0.0, 0.0); (467648.6, 3669003.9, 0.0, 0.0, 0.0);
(467670.2, 3669003.9, 0.0, 0.0, 0.0); (467691.8, 3669003.9, 0.0, 0.0, 0.0);
(467713.4, 3669003.9, 0.0, 0.0, 0.0); (467735.0, 3669003.9, 0.0, 0.0, 0.0);
(467756.6, 3669003.9, 0.0, 0.0, 0.0); (467778.2, 3669003.9, 0.0, 0.0, 0.0);
(467799.8, 3669003.9, 0.0, 0.0, 0.0); (467821.4, 3669003.9, 0.0, 0.0, 0.0);
(467843.0, 3669003.9, 0.0, 0.0, 0.0); (467864.6, 3669003.9, 0.0, 0.0, 0.0);
(467886.2, 3669003.9, 0.0, 0.0, 0.0); (467907.8, 3669003.9, 0.0, 0.0, 0.0);
(467929.4, 3669003.9, 0.0, 0.0, 0.0); (467951.0, 3669003.9, 0.0, 0.0, 0.0);
(467972.6, 3669003.9, 0.0, 0.0, 0.0); (467994.2, 3669003.9, 0.0, 0.0, 0.0);
(468015.8, 3669003.9, 0.0, 0.0, 0.0); (468037.4, 3669003.9, 0.0, 0.0, 0.0);
(468059.0, 3669003.9, 0.0, 0.0, 0.0); (468080.6, 3669003.9, 0.0, 0.0, 0.0);
(468102.2, 3669003.9, 0.0, 0.0, 0.0); (468123.8, 3669003.9, 0.0, 0.0, 0.0);
(468145.4, 3669003.9, 0.0, 0.0, 0.0); (468167.0, 3669003.9, 0.0, 0.0, 0.0);
(468188.6, 3669003.9, 0.0, 0.0, 0.0); (468210.2, 3669003.9, 0.0, 0.0, 0.0);
(468231.8, 3669003.9, 0.0, 0.0, 0.0); (468253.4, 3669003.9, 0.0, 0.0, 0.0);
(468275.0, 3669003.9, 0.0, 0.0, 0.0); (468296.6, 3669003.9, 0.0, 0.0, 0.0);
(468318.2, 3669003.9, 0.0, 0.0, 0.0); (468339.8, 3669003.9, 0.0, 0.0, 0.0);
(468361.4, 3669003.9, 0.0, 0.0, 0.0); (468383.0, 3669003.9, 0.0, 0.0, 0.0);
(467519.0, 3669037.3, 0.0, 0.0, 0.0); (467540.6, 3669037.3, 0.0, 0.0, 0.0);
(467562.2, 3669037.3, 0.0, 0.0, 0.0); (467583.8, 3669037.3, 0.0, 0.0, 0.0);
(467605.4, 3669037.3, 0.0, 0.0, 0.0); (467627.0, 3669037.3, 0.0, 0.0, 0.0);
(467648.6, 3669037.3, 0.0, 0.0, 0.0); (467670.2, 3669037.3, 0.0, 0.0, 0.0);
(467691.8, 3669037.3, 0.0, 0.0, 0.0); (467713.4, 3669037.3, 0.0, 0.0, 0.0);
(467735.0, 3669037.3, 0.0, 0.0, 0.0); (467756.6, 3669037.3, 0.0, 0.0, 0.0);
(467778.2, 3669037.3, 0.0, 0.0, 0.0); (467799.8, 3669037.3, 0.0, 0.0, 0.0);
(467821.4, 3669037.3, 0.0, 0.0, 0.0); (467843.0, 3669037.3, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467864.6, 3669037.3, 0.0, 0.0, 0.0); (467886.2, 3669037.3, 0.0, 0.0, 0.0);
(467907.8, 3669037.3, 0.0, 0.0, 0.0); (467929.4, 3669037.3, 0.0, 0.0, 0.0);
(467951.0, 3669037.3, 0.0, 0.0, 0.0); (467972.6, 3669037.3, 0.0, 0.0, 0.0);
(467994.2, 3669037.3, 0.0, 0.0, 0.0); (468015.8, 3669037.3, 0.0, 0.0, 0.0);
(468037.4, 3669037.3, 0.0, 0.0, 0.0); (468059.0, 3669037.3, 0.0, 0.0, 0.0);
(468080.6, 3669037.3, 0.0, 0.0, 0.0); (468102.2, 3669037.3, 0.0, 0.0, 0.0);
(468123.8, 3669037.3, 0.0, 0.0, 0.0); (468145.4, 3669037.3, 0.0, 0.0, 0.0);
(468167.0, 3669037.3, 0.0, 0.0, 0.0); (468188.6, 3669037.3, 0.0, 0.0, 0.0);
(468210.2, 3669037.3, 0.0, 0.0, 0.0); (468231.8, 3669037.3, 0.0, 0.0, 0.0);
(468253.4, 3669037.3, 0.0, 0.0, 0.0); (468275.0, 3669037.3, 0.0, 0.0, 0.0);
(468296.6, 3669037.3, 0.0, 0.0, 0.0); (468318.2, 3669037.3, 0.0, 0.0, 0.0);
(468339.8, 3669037.3, 0.0, 0.0, 0.0); (468361.4, 3669037.3, 0.0, 0.0, 0.0);
(468383.0, 3669037.3, 0.0, 0.0, 0.0); (467519.0, 3669070.7, 0.0, 0.0, 0.0);
(467540.6, 3669070.7, 0.0, 0.0, 0.0); (467562.2, 3669070.7, 0.0, 0.0, 0.0);
(467583.8, 3669070.7, 0.0, 0.0, 0.0); (467605.4, 3669070.7, 0.0, 0.0, 0.0);
(467627.0, 3669070.7, 0.0, 0.0, 0.0); (467648.6, 3669070.7, 0.0, 0.0, 0.0);
(467670.2, 3669070.7, 0.0, 0.0, 0.0); (467691.8, 3669070.7, 0.0, 0.0, 0.0);
(467713.4, 3669070.7, 0.0, 0.0, 0.0); (467735.0, 3669070.7, 0.0, 0.0, 0.0);
(467756.6, 3669070.7, 0.0, 0.0, 0.0); (467778.2, 3669070.7, 0.0, 0.0, 0.0);
(467799.8, 3669070.7, 0.0, 0.0, 0.0); (467821.4, 3669070.7, 0.0, 0.0, 0.0);

(467843.0, 3669070.7, 0.0, 0.0, 0.0); (467864.6, 3669070.7, 0.0, 0.0, 0.0);
(467886.2, 3669070.7, 0.0, 0.0, 0.0); (467907.8, 3669070.7, 0.0, 0.0, 0.0);
(467929.4, 3669070.7, 0.0, 0.0, 0.0); (467951.0, 3669070.7, 0.0, 0.0, 0.0);
(467972.6, 3669070.7, 0.0, 0.0, 0.0); (467994.2, 3669070.7, 0.0, 0.0, 0.0);
(468015.8, 3669070.7, 0.0, 0.0, 0.0); (468037.4, 3669070.7, 0.0, 0.0, 0.0);
(468059.0, 3669070.7, 0.0, 0.0, 0.0); (468080.6, 3669070.7, 0.0, 0.0, 0.0);
(468102.2, 3669070.7, 0.0, 0.0, 0.0); (468123.8, 3669070.7, 0.0, 0.0, 0.0);
(468145.4, 3669070.7, 0.0, 0.0, 0.0); (468167.0, 3669070.7, 0.0, 0.0, 0.0);
(468188.6, 3669070.7, 0.0, 0.0, 0.0); (468210.2, 3669070.7, 0.0, 0.0, 0.0);
(468231.8, 3669070.7, 0.0, 0.0, 0.0); (468253.4, 3669070.7, 0.0, 0.0, 0.0);
(468275.0, 3669070.7, 0.0, 0.0, 0.0); (468296.6, 3669070.7, 0.0, 0.0, 0.0);
(468318.2, 3669070.7, 0.0, 0.0, 0.0); (468339.8, 3669070.7, 0.0, 0.0, 0.0);
(468361.4, 3669070.7, 0.0, 0.0, 0.0); (468383.0, 3669070.7, 0.0, 0.0, 0.0);
(467519.0, 3669104.1, 0.0, 0.0, 0.0); (467540.6, 3669104.1, 0.0, 0.0, 0.0);
(467562.2, 3669104.1, 0.0, 0.0, 0.0); (467583.8, 3669104.1, 0.0, 0.0, 0.0);
(467605.4, 3669104.1, 0.0, 0.0, 0.0); (467627.0, 3669104.1, 0.0, 0.0, 0.0);
(467648.6, 3669104.1, 0.0, 0.0, 0.0); (467670.2, 3669104.1, 0.0, 0.0, 0.0);
(467691.8, 3669104.1, 0.0, 0.0, 0.0); (467713.4, 3669104.1, 0.0, 0.0, 0.0);
(467735.0, 3669104.1, 0.0, 0.0, 0.0); (467756.6, 3669104.1, 0.0, 0.0, 0.0);
(467778.2, 3669104.1, 0.0, 0.0, 0.0); (467799.8, 3669104.1, 0.0, 0.0, 0.0);
(467821.4, 3669104.1, 0.0, 0.0, 0.0); (467843.0, 3669104.1, 0.0, 0.0, 0.0);
(467864.6, 3669104.1, 0.0, 0.0, 0.0); (467886.2, 3669104.1, 0.0, 0.0, 0.0);
(467907.8, 3669104.1, 0.0, 0.0, 0.0); (467929.4, 3669104.1, 0.0, 0.0, 0.0);
(467951.0, 3669104.1, 0.0, 0.0, 0.0); (467972.6, 3669104.1, 0.0, 0.0, 0.0);
(467994.2, 3669104.1, 0.0, 0.0, 0.0); (468015.8, 3669104.1, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468037.4, 3669104.1, 0.0, 0.0, 0.0); (468059.0, 3669104.1, 0.0, 0.0, 0.0);
(468080.6, 3669104.1, 0.0, 0.0, 0.0); (468102.2, 3669104.1, 0.0, 0.0, 0.0);
(468123.8, 3669104.1, 0.0, 0.0, 0.0); (468145.4, 3669104.1, 0.0, 0.0, 0.0);
(468167.0, 3669104.1, 0.0, 0.0, 0.0); (468188.6, 3669104.1, 0.0, 0.0, 0.0);
(468210.2, 3669104.1, 0.0, 0.0, 0.0); (468231.8, 3669104.1, 0.0, 0.0, 0.0);
(468253.4, 3669104.1, 0.0, 0.0, 0.0); (468275.0, 3669104.1, 0.0, 0.0, 0.0);
(468296.6, 3669104.1, 0.0, 0.0, 0.0); (468318.2, 3669104.1, 0.0, 0.0, 0.0);
(468339.8, 3669104.1, 0.0, 0.0, 0.0); (468361.4, 3669104.1, 0.0, 0.0, 0.0);
(468383.0, 3669104.1, 0.0, 0.0, 0.0); (467519.0, 3669137.5, 0.0, 0.0, 0.0);
(467540.6, 3669137.5, 0.0, 0.0, 0.0); (467562.2, 3669137.5, 0.0, 0.0, 0.0);
(467583.8, 3669137.5, 0.0, 0.0, 0.0); (467605.4, 3669137.5, 0.0, 0.0, 0.0);
(467627.0, 3669137.5, 0.0, 0.0, 0.0); (467648.6, 3669137.5, 0.0, 0.0, 0.0);
(467670.2, 3669137.5, 0.0, 0.0, 0.0); (467691.8, 3669137.5, 0.0, 0.0, 0.0);
(467713.4, 3669137.5, 0.0, 0.0, 0.0); (467735.0, 3669137.5, 0.0, 0.0, 0.0);
(467756.6, 3669137.5, 0.0, 0.0, 0.0); (467778.2, 3669137.5, 0.0, 0.0, 0.0);
(467799.8, 3669137.5, 0.0, 0.0, 0.0); (467821.4, 3669137.5, 0.0, 0.0, 0.0);
(467843.0, 3669137.5, 0.0, 0.0, 0.0); (467864.6, 3669137.5, 0.0, 0.0, 0.0);
(467886.2, 3669137.5, 0.0, 0.0, 0.0); (467907.8, 3669137.5, 0.0, 0.0, 0.0);
(467929.4, 3669137.5, 0.0, 0.0, 0.0); (467951.0, 3669137.5, 0.0, 0.0, 0.0);
(467972.6, 3669137.5, 0.0, 0.0, 0.0); (467994.2, 3669137.5, 0.0, 0.0, 0.0);
(468015.8, 3669137.5, 0.0, 0.0, 0.0); (468037.4, 3669137.5, 0.0, 0.0, 0.0);
(468059.0, 3669137.5, 0.0, 0.0, 0.0); (468080.6, 3669137.5, 0.0, 0.0, 0.0);
(468102.2, 3669137.5, 0.0, 0.0, 0.0); (468123.8, 3669137.5, 0.0, 0.0, 0.0);
(468145.4, 3669137.5, 0.0, 0.0, 0.0); (468167.0, 3669137.5, 0.0, 0.0, 0.0);
(468188.6, 3669137.5, 0.0, 0.0, 0.0); (468210.2, 3669137.5, 0.0, 0.0, 0.0);
(468231.8, 3669137.5, 0.0, 0.0, 0.0); (468253.4, 3669137.5, 0.0, 0.0, 0.0);
(468275.0, 3669137.5, 0.0, 0.0, 0.0); (468296.6, 3669137.5, 0.0, 0.0, 0.0);
(468318.2, 3669137.5, 0.0, 0.0, 0.0); (468339.8, 3669137.5, 0.0, 0.0, 0.0);
(468361.4, 3669137.5, 0.0, 0.0, 0.0); (468383.0, 3669137.5, 0.0, 0.0, 0.0);
(467519.0, 3669170.9, 0.0, 0.0, 0.0); (467540.6, 3669170.9, 0.0, 0.0, 0.0);
(467562.2, 3669170.9, 0.0, 0.0, 0.0); (467583.8, 3669170.9, 0.0, 0.0, 0.0);
(467605.4, 3669170.9, 0.0, 0.0, 0.0); (467627.0, 3669170.9, 0.0, 0.0, 0.0);
(467648.6, 3669170.9, 0.0, 0.0, 0.0); (467670.2, 3669170.9, 0.0, 0.0, 0.0);
(467691.8, 3669170.9, 0.0, 0.0, 0.0); (467713.4, 3669170.9, 0.0, 0.0, 0.0);
(467735.0, 3669170.9, 0.0, 0.0, 0.0); (467756.6, 3669170.9, 0.0, 0.0, 0.0);
(467778.2, 3669170.9, 0.0, 0.0, 0.0); (467799.8, 3669170.9, 0.0, 0.0, 0.0);
(467821.4, 3669170.9, 0.0, 0.0, 0.0); (467843.0, 3669170.9, 0.0, 0.0, 0.0);
(467864.6, 3669170.9, 0.0, 0.0, 0.0); (467886.2, 3669170.9, 0.0, 0.0, 0.0);
(467907.8, 3669170.9, 0.0, 0.0, 0.0); (467929.4, 3669170.9, 0.0, 0.0, 0.0);
(467951.0, 3669170.9, 0.0, 0.0, 0.0); (467972.6, 3669170.9, 0.0, 0.0, 0.0);
(467994.2, 3669170.9, 0.0, 0.0, 0.0); (468015.8, 3669170.9, 0.0, 0.0, 0.0);
(468037.4, 3669170.9, 0.0, 0.0, 0.0); (468059.0, 3669170.9, 0.0, 0.0, 0.0);
(468080.6, 3669170.9, 0.0, 0.0, 0.0); (468102.2, 3669170.9, 0.0, 0.0, 0.0);
(468123.8, 3669170.9, 0.0, 0.0, 0.0); (468145.4, 3669170.9, 0.0, 0.0, 0.0);
(468167.0, 3669170.9, 0.0, 0.0, 0.0); (468188.6, 3669170.9, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468210.2, 3669170.9, 0.0, 0.0, 0.0); (468231.8, 3669170.9, 0.0, 0.0, 0.0);
(468253.4, 3669170.9, 0.0, 0.0, 0.0); (468275.0, 3669170.9, 0.0, 0.0, 0.0);
(468296.6, 3669170.9, 0.0, 0.0, 0.0); (468318.2, 3669170.9, 0.0, 0.0, 0.0);
(468339.8, 3669170.9, 0.0, 0.0, 0.0); (468361.4, 3669170.9, 0.0, 0.0, 0.0);

(468383.0, 3669170.9, 0.0, 0.0, 0.0); (467519.0, 3669204.3, 0.0, 0.0, 0.0);
(467540.6, 3669204.3, 0.0, 0.0, 0.0); (467562.2, 3669204.3, 0.0, 0.0, 0.0);
(467583.8, 3669204.3, 0.0, 0.0, 0.0); (467605.4, 3669204.3, 0.0, 0.0, 0.0);
(467627.0, 3669204.3, 0.0, 0.0, 0.0); (467648.6, 3669204.3, 0.0, 0.0, 0.0);
(467670.2, 3669204.3, 0.0, 0.0, 0.0); (467691.8, 3669204.3, 0.0, 0.0, 0.0);
(467713.4, 3669204.3, 0.0, 0.0, 0.0); (467735.0, 3669204.3, 0.0, 0.0, 0.0);
(467756.6, 3669204.3, 0.0, 0.0, 0.0); (467778.2, 3669204.3, 0.0, 0.0, 0.0);
(467799.8, 3669204.3, 0.0, 0.0, 0.0); (467821.4, 3669204.3, 0.0, 0.0, 0.0);
(467843.0, 3669204.3, 0.0, 0.0, 0.0); (467864.6, 3669204.3, 0.0, 0.0, 0.0);
(467886.2, 3669204.3, 0.0, 0.0, 0.0); (467907.8, 3669204.3, 0.0, 0.0, 0.0);
(467929.4, 3669204.3, 0.0, 0.0, 0.0); (467951.0, 3669204.3, 0.0, 0.0, 0.0);
(467972.6, 3669204.3, 0.0, 0.0, 0.0); (467994.2, 3669204.3, 0.0, 0.0, 0.0);
(468015.8, 3669204.3, 0.0, 0.0, 0.0); (468037.4, 3669204.3, 0.0, 0.0, 0.0);
(468059.0, 3669204.3, 0.0, 0.0, 0.0); (468080.6, 3669204.3, 0.0, 0.0, 0.0);
(468102.2, 3669204.3, 0.0, 0.0, 0.0); (468123.8, 3669204.3, 0.0, 0.0, 0.0);
(468145.4, 3669204.3, 0.0, 0.0, 0.0); (468167.0, 3669204.3, 0.0, 0.0, 0.0);
(468188.6, 3669204.3, 0.0, 0.0, 0.0); (468210.2, 3669204.3, 0.0, 0.0, 0.0);
(468231.8, 3669204.3, 0.0, 0.0, 0.0); (468253.4, 3669204.3, 0.0, 0.0, 0.0);
(468275.0, 3669204.3, 0.0, 0.0, 0.0); (468296.6, 3669204.3, 0.0, 0.0, 0.0);
(468318.2, 3669204.3, 0.0, 0.0, 0.0); (468339.8, 3669204.3, 0.0, 0.0, 0.0);
(468361.4, 3669204.3, 0.0, 0.0, 0.0); (468383.0, 3669204.3, 0.0, 0.0, 0.0);
(467519.0, 3669237.7, 0.0, 0.0, 0.0); (467540.6, 3669237.7, 0.0, 0.0, 0.0);
(467562.2, 3669237.7, 0.0, 0.0, 0.0); (467583.8, 3669237.7, 0.0, 0.0, 0.0);
(467605.4, 3669237.7, 0.0, 0.0, 0.0); (467627.0, 3669237.7, 0.0, 0.0, 0.0);
(467648.6, 3669237.7, 0.0, 0.0, 0.0); (467670.2, 3669237.7, 0.0, 0.0, 0.0);
(467691.8, 3669237.7, 0.0, 0.0, 0.0); (467713.4, 3669237.7, 0.0, 0.0, 0.0);
(467735.0, 3669237.7, 0.0, 0.0, 0.0); (467756.6, 3669237.7, 0.0, 0.0, 0.0);
(467778.2, 3669237.7, 0.0, 0.0, 0.0); (467799.8, 3669237.7, 0.0, 0.0, 0.0);
(467821.4, 3669237.7, 0.0, 0.0, 0.0); (467843.0, 3669237.7, 0.0, 0.0, 0.0);
(467864.6, 3669237.7, 0.0, 0.0, 0.0); (467886.2, 3669237.7, 0.0, 0.0, 0.0);
(467907.8, 3669237.7, 0.0, 0.0, 0.0); (467929.4, 3669237.7, 0.0, 0.0, 0.0);
(467951.0, 3669237.7, 0.0, 0.0, 0.0); (467972.6, 3669237.7, 0.0, 0.0, 0.0);
(467994.2, 3669237.7, 0.0, 0.0, 0.0); (468015.8, 3669237.7, 0.0, 0.0, 0.0);
(468037.4, 3669237.7, 0.0, 0.0, 0.0); (468059.0, 3669237.7, 0.0, 0.0, 0.0);
(468080.6, 3669237.7, 0.0, 0.0, 0.0); (468102.2, 3669237.7, 0.0, 0.0, 0.0);
(468123.8, 3669237.7, 0.0, 0.0, 0.0); (468145.4, 3669237.7, 0.0, 0.0, 0.0);
(468167.0, 3669237.7, 0.0, 0.0, 0.0); (468188.6, 3669237.7, 0.0, 0.0, 0.0);
(468210.2, 3669237.7, 0.0, 0.0, 0.0); (468231.8, 3669237.7, 0.0, 0.0, 0.0);
(468253.4, 3669237.7, 0.0, 0.0, 0.0); (468275.0, 3669237.7, 0.0, 0.0, 0.0);
(468296.6, 3669237.7, 0.0, 0.0, 0.0); (468318.2, 3669237.7, 0.0, 0.0, 0.0);
(468339.8, 3669237.7, 0.0, 0.0, 0.0); (468361.4, 3669237.7, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468383.0, 3669237.7, 0.0, 0.0, 0.0); (467519.0, 3669271.1, 0.0, 0.0, 0.0);
(467540.6, 3669271.1, 0.0, 0.0, 0.0); (467562.2, 3669271.1, 0.0, 0.0, 0.0);
(467583.8, 3669271.1, 0.0, 0.0, 0.0); (467605.4, 3669271.1, 0.0, 0.0, 0.0);
(467627.0, 3669271.1, 0.0, 0.0, 0.0); (467648.6, 3669271.1, 0.0, 0.0, 0.0);
(467670.2, 3669271.1, 0.0, 0.0, 0.0); (467691.8, 3669271.1, 0.0, 0.0, 0.0);
(467713.4, 3669271.1, 0.0, 0.0, 0.0); (467735.0, 3669271.1, 0.0, 0.0, 0.0);
(467756.6, 3669271.1, 0.0, 0.0, 0.0); (467778.2, 3669271.1, 0.0, 0.0, 0.0);
(467799.8, 3669271.1, 0.0, 0.0, 0.0); (467821.4, 3669271.1, 0.0, 0.0, 0.0);
(467843.0, 3669271.1, 0.0, 0.0, 0.0); (467864.6, 3669271.1, 0.0, 0.0, 0.0);
(467886.2, 3669271.1, 0.0, 0.0, 0.0); (467907.8, 3669271.1, 0.0, 0.0, 0.0);
(467929.4, 3669271.1, 0.0, 0.0, 0.0); (467951.0, 3669271.1, 0.0, 0.0, 0.0);
(467972.6, 3669271.1, 0.0, 0.0, 0.0); (467994.2, 3669271.1, 0.0, 0.0, 0.0);
(468015.8, 3669271.1, 0.0, 0.0, 0.0); (468037.4, 3669271.1, 0.0, 0.0, 0.0);
(468059.0, 3669271.1, 0.0, 0.0, 0.0); (468080.6, 3669271.1, 0.0, 0.0, 0.0);
(468102.2, 3669271.1, 0.0, 0.0, 0.0); (468123.8, 3669271.1, 0.0, 0.0, 0.0);
(468145.4, 3669271.1, 0.0, 0.0, 0.0); (468167.0, 3669271.1, 0.0, 0.0, 0.0);
(468188.6, 3669271.1, 0.0, 0.0, 0.0); (468210.2, 3669271.1, 0.0, 0.0, 0.0);
(468231.8, 3669271.1, 0.0, 0.0, 0.0); (468253.4, 3669271.1, 0.0, 0.0, 0.0);
(468275.0, 3669271.1, 0.0, 0.0, 0.0); (468296.6, 3669271.1, 0.0, 0.0, 0.0);
(468318.2, 3669271.1, 0.0, 0.0, 0.0); (468339.8, 3669271.1, 0.0, 0.0, 0.0);
(468361.4, 3669271.1, 0.0, 0.0, 0.0); (468383.0, 3669271.1, 0.0, 0.0, 0.0);
(467519.0, 3669304.5, 0.0, 0.0, 0.0); (467540.6, 3669304.5, 0.0, 0.0, 0.0);
(467562.2, 3669304.5, 0.0, 0.0, 0.0); (467583.8, 3669304.5, 0.0, 0.0, 0.0);
(467605.4, 3669304.5, 0.0, 0.0, 0.0); (467627.0, 3669304.5, 0.0, 0.0, 0.0);
(467648.6, 3669304.5, 0.0, 0.0, 0.0); (467670.2, 3669304.5, 0.0, 0.0, 0.0);
(467691.8, 3669304.5, 0.0, 0.0, 0.0); (467713.4, 3669304.5, 0.0, 0.0, 0.0);
(467735.0, 3669304.5, 0.0, 0.0, 0.0); (467756.6, 3669304.5, 0.0, 0.0, 0.0);
(467778.2, 3669304.5, 0.0, 0.0, 0.0); (467799.8, 3669304.5, 0.0, 0.0, 0.0);
(467821.4, 3669304.5, 0.0, 0.0, 0.0); (467843.0, 3669304.5, 0.0, 0.0, 0.0);
(467864.6, 3669304.5, 0.0, 0.0, 0.0); (467886.2, 3669304.5, 0.0, 0.0, 0.0);
(467907.8, 3669304.5, 0.0, 0.0, 0.0); (467929.4, 3669304.5, 0.0, 0.0, 0.0);
(467951.0, 3669304.5, 0.0, 0.0, 0.0); (467972.6, 3669304.5, 0.0, 0.0, 0.0);
(467994.2, 3669304.5, 0.0, 0.0, 0.0); (468015.8, 3669304.5, 0.0, 0.0, 0.0);
(468037.4, 3669304.5, 0.0, 0.0, 0.0); (468059.0, 3669304.5, 0.0, 0.0, 0.0);
(468080.6, 3669304.5, 0.0, 0.0, 0.0); (468102.2, 3669304.5, 0.0, 0.0, 0.0);
(468123.8, 3669304.5, 0.0, 0.0, 0.0); (468145.4, 3669304.5, 0.0, 0.0, 0.0);
(468167.0, 3669304.5, 0.0, 0.0, 0.0); (468188.6, 3669304.5, 0.0, 0.0, 0.0);
(468210.2, 3669304.5, 0.0, 0.0, 0.0); (468231.8, 3669304.5, 0.0, 0.0, 0.0);
(468253.4, 3669304.5, 0.0, 0.0, 0.0); (468275.0, 3669304.5, 0.0, 0.0, 0.0);
(468296.6, 3669304.5, 0.0, 0.0, 0.0); (468318.2, 3669304.5, 0.0, 0.0, 0.0);
(468339.8, 3669304.5, 0.0, 0.0, 0.0); (468361.4, 3669304.5, 0.0, 0.0, 0.0);
(468383.0, 3669304.5, 0.0, 0.0, 0.0); (467519.0, 3669337.9, 0.0, 0.0, 0.0);

(467540.6, 3669337.9, 0.0, 0.0, 0.0); (467562.2, 3669337.9, 0.0, 0.0, 0.0);
(467583.8, 3669337.9, 0.0, 0.0, 0.0); (467605.4, 3669337.9, 0.0, 0.0, 0.0);
(467627.0, 3669337.9, 0.0, 0.0, 0.0); (467648.6, 3669337.9, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467670.2, 3669337.9, 0.0, 0.0, 0.0); (467691.8, 3669337.9, 0.0, 0.0, 0.0);
(467713.4, 3669337.9, 0.0, 0.0, 0.0); (467735.0, 3669337.9, 0.0, 0.0, 0.0);
(467756.6, 3669337.9, 0.0, 0.0, 0.0); (467778.2, 3669337.9, 0.0, 0.0, 0.0);
(467799.8, 3669337.9, 0.0, 0.0, 0.0); (467821.4, 3669337.9, 0.0, 0.0, 0.0);
(467843.0, 3669337.9, 0.0, 0.0, 0.0); (467864.6, 3669337.9, 0.0, 0.0, 0.0);
(467886.2, 3669337.9, 0.0, 0.0, 0.0); (467907.8, 3669337.9, 0.0, 0.0, 0.0);
(467929.4, 3669337.9, 0.0, 0.0, 0.0); (467951.0, 3669337.9, 0.0, 0.0, 0.0);
(467972.6, 3669337.9, 0.0, 0.0, 0.0); (467994.2, 3669337.9, 0.0, 0.0, 0.0);
(468015.8, 3669337.9, 0.0, 0.0, 0.0); (468037.4, 3669337.9, 0.0, 0.0, 0.0);
(468059.0, 3669337.9, 0.0, 0.0, 0.0); (468080.6, 3669337.9, 0.0, 0.0, 0.0);
(468102.2, 3669337.9, 0.0, 0.0, 0.0); (468123.8, 3669337.9, 0.0, 0.0, 0.0);
(468145.4, 3669337.9, 0.0, 0.0, 0.0); (468167.0, 3669337.9, 0.0, 0.0, 0.0);
(468188.6, 3669337.9, 0.0, 0.0, 0.0); (468210.2, 3669337.9, 0.0, 0.0, 0.0);
(468231.8, 3669337.9, 0.0, 0.0, 0.0); (468253.4, 3669337.9, 0.0, 0.0, 0.0);
(468275.0, 3669337.9, 0.0, 0.0, 0.0); (468296.6, 3669337.9, 0.0, 0.0, 0.0);
(468318.2, 3669337.9, 0.0, 0.0, 0.0); (468339.8, 3669337.9, 0.0, 0.0, 0.0);
(468361.4, 3669337.9, 0.0, 0.0, 0.0); (468383.0, 3669337.9, 0.0, 0.0, 0.0);
(467519.0, 3669371.3, 0.0, 0.0, 0.0); (467540.6, 3669371.3, 0.0, 0.0, 0.0);
(467562.2, 3669371.3, 0.0, 0.0, 0.0); (467583.8, 3669371.3, 0.0, 0.0, 0.0);
(467605.4, 3669371.3, 0.0, 0.0, 0.0); (467627.0, 3669371.3, 0.0, 0.0, 0.0);
(467648.6, 3669371.3, 0.0, 0.0, 0.0); (467670.2, 3669371.3, 0.0, 0.0, 0.0);
(467691.8, 3669371.3, 0.0, 0.0, 0.0); (467713.4, 3669371.3, 0.0, 0.0, 0.0);
(467735.0, 3669371.3, 0.0, 0.0, 0.0); (467756.6, 3669371.3, 0.0, 0.0, 0.0);
(467778.2, 3669371.3, 0.0, 0.0, 0.0); (467799.8, 3669371.3, 0.0, 0.0, 0.0);
(467821.4, 3669371.3, 0.0, 0.0, 0.0); (467843.0, 3669371.3, 0.0, 0.0, 0.0);
(467864.6, 3669371.3, 0.0, 0.0, 0.0); (467886.2, 3669371.3, 0.0, 0.0, 0.0);
(467907.8, 3669371.3, 0.0, 0.0, 0.0); (467929.4, 3669371.3, 0.0, 0.0, 0.0);
(467951.0, 3669371.3, 0.0, 0.0, 0.0); (467972.6, 3669371.3, 0.0, 0.0, 0.0);
(467994.2, 3669371.3, 0.0, 0.0, 0.0); (468015.8, 3669371.3, 0.0, 0.0, 0.0);
(468037.4, 3669371.3, 0.0, 0.0, 0.0); (468059.0, 3669371.3, 0.0, 0.0, 0.0);
(468080.6, 3669371.3, 0.0, 0.0, 0.0); (468102.2, 3669371.3, 0.0, 0.0, 0.0);
(468123.8, 3669371.3, 0.0, 0.0, 0.0); (468145.4, 3669371.3, 0.0, 0.0, 0.0);
(468167.0, 3669371.3, 0.0, 0.0, 0.0); (468188.6, 3669371.3, 0.0, 0.0, 0.0);
(468210.2, 3669371.3, 0.0, 0.0, 0.0); (468231.8, 3669371.3, 0.0, 0.0, 0.0);
(468253.4, 3669371.3, 0.0, 0.0, 0.0); (468275.0, 3669371.3, 0.0, 0.0, 0.0);
(468296.6, 3669371.3, 0.0, 0.0, 0.0); (468318.2, 3669371.3, 0.0, 0.0, 0.0);
(468339.8, 3669371.3, 0.0, 0.0, 0.0); (468361.4, 3669371.3, 0.0, 0.0, 0.0);
(468383.0, 3669371.3, 0.0, 0.0, 0.0); (467519.0, 3669404.7, 0.0, 0.0, 0.0);
(467540.6, 3669404.7, 0.0, 0.0, 0.0); (467562.2, 3669404.7, 0.0, 0.0, 0.0);
(467583.8, 3669404.7, 0.0, 0.0, 0.0); (467605.4, 3669404.7, 0.0, 0.0, 0.0);
(467627.0, 3669404.7, 0.0, 0.0, 0.0); (467648.6, 3669404.7, 0.0, 0.0, 0.0);
(467670.2, 3669404.7, 0.0, 0.0, 0.0); (467691.8, 3669404.7, 0.0, 0.0, 0.0);
(467713.4, 3669404.7, 0.0, 0.0, 0.0); (467735.0, 3669404.7, 0.0, 0.0, 0.0);
(467756.6, 3669404.7, 0.0, 0.0, 0.0); (467778.2, 3669404.7, 0.0, 0.0, 0.0);
(467799.8, 3669404.7, 0.0, 0.0, 0.0); (467821.4, 3669404.7, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467843.0, 3669404.7, 0.0, 0.0, 0.0); (467864.6, 3669404.7, 0.0, 0.0, 0.0);
(467886.2, 3669404.7, 0.0, 0.0, 0.0); (467907.8, 3669404.7, 0.0, 0.0, 0.0);
(467929.4, 3669404.7, 0.0, 0.0, 0.0); (467951.0, 3669404.7, 0.0, 0.0, 0.0);
(467972.6, 3669404.7, 0.0, 0.0, 0.0); (467994.2, 3669404.7, 0.0, 0.0, 0.0);
(468015.8, 3669404.7, 0.0, 0.0, 0.0); (468037.4, 3669404.7, 0.0, 0.0, 0.0);
(468059.0, 3669404.7, 0.0, 0.0, 0.0); (468080.6, 3669404.7, 0.0, 0.0, 0.0);
(468102.2, 3669404.7, 0.0, 0.0, 0.0); (468123.8, 3669404.7, 0.0, 0.0, 0.0);
(468145.4, 3669404.7, 0.0, 0.0, 0.0); (468167.0, 3669404.7, 0.0, 0.0, 0.0);
(468188.6, 3669404.7, 0.0, 0.0, 0.0); (468210.2, 3669404.7, 0.0, 0.0, 0.0);
(468231.8, 3669404.7, 0.0, 0.0, 0.0); (468253.4, 3669404.7, 0.0, 0.0, 0.0);
(468275.0, 3669404.7, 0.0, 0.0, 0.0); (468296.6, 3669404.7, 0.0, 0.0, 0.0);
(468318.2, 3669404.7, 0.0, 0.0, 0.0); (468339.8, 3669404.7, 0.0, 0.0, 0.0);
(468361.4, 3669404.7, 0.0, 0.0, 0.0); (468383.0, 3669404.7, 0.0, 0.0, 0.0);
(467519.0, 3669438.1, 0.0, 0.0, 0.0); (467540.6, 3669438.1, 0.0, 0.0, 0.0);
(467562.2, 3669438.1, 0.0, 0.0, 0.0); (467583.8, 3669438.1, 0.0, 0.0, 0.0);
(467605.4, 3669438.1, 0.0, 0.0, 0.0); (467627.0, 3669438.1, 0.0, 0.0, 0.0);
(467648.6, 3669438.1, 0.0, 0.0, 0.0); (467670.2, 3669438.1, 0.0, 0.0, 0.0);
(467691.8, 3669438.1, 0.0, 0.0, 0.0); (467713.4, 3669438.1, 0.0, 0.0, 0.0);
(467735.0, 3669438.1, 0.0, 0.0, 0.0); (467756.6, 3669438.1, 0.0, 0.0, 0.0);
(467778.2, 3669438.1, 0.0, 0.0, 0.0); (467799.8, 3669438.1, 0.0, 0.0, 0.0);
(467821.4, 3669438.1, 0.0, 0.0, 0.0); (467843.0, 3669438.1, 0.0, 0.0, 0.0);
(467864.6, 3669438.1, 0.0, 0.0, 0.0); (467886.2, 3669438.1, 0.0, 0.0, 0.0);
(467907.8, 3669438.1, 0.0, 0.0, 0.0); (467929.4, 3669438.1, 0.0, 0.0, 0.0);
(467951.0, 3669438.1, 0.0, 0.0, 0.0); (467972.6, 3669438.1, 0.0, 0.0, 0.0);
(467994.2, 3669438.1, 0.0, 0.0, 0.0); (468015.8, 3669438.1, 0.0, 0.0, 0.0);
(468037.4, 3669438.1, 0.0, 0.0, 0.0); (468059.0, 3669438.1, 0.0, 0.0, 0.0);

(468080.6, 3669438.1, 0.0, 0.0, 0.0); (468102.2, 3669438.1, 0.0, 0.0, 0.0);
(468123.8, 3669438.1, 0.0, 0.0, 0.0); (468145.4, 3669438.1, 0.0, 0.0, 0.0);
(468167.0, 3669438.1, 0.0, 0.0, 0.0); (468188.6, 3669438.1, 0.0, 0.0, 0.0);
(468210.2, 3669438.1, 0.0, 0.0, 0.0); (468231.8, 3669438.1, 0.0, 0.0, 0.0);
(468253.4, 3669438.1, 0.0, 0.0, 0.0); (468275.0, 3669438.1, 0.0, 0.0, 0.0);
(468296.6, 3669438.1, 0.0, 0.0, 0.0); (468318.2, 3669438.1, 0.0, 0.0, 0.0);
(468339.8, 3669438.1, 0.0, 0.0, 0.0); (468361.4, 3669438.1, 0.0, 0.0, 0.0);
(468383.0, 3669438.1, 0.0, 0.0, 0.0); (467519.0, 3669471.5, 0.0, 0.0, 0.0);
(467540.6, 3669471.5, 0.0, 0.0, 0.0); (467562.2, 3669471.5, 0.0, 0.0, 0.0);
(467583.8, 3669471.5, 0.0, 0.0, 0.0); (467605.4, 3669471.5, 0.0, 0.0, 0.0);
(467627.0, 3669471.5, 0.0, 0.0, 0.0); (467648.6, 3669471.5, 0.0, 0.0, 0.0);
(467670.2, 3669471.5, 0.0, 0.0, 0.0); (467691.8, 3669471.5, 0.0, 0.0, 0.0);
(467713.4, 3669471.5, 0.0, 0.0, 0.0); (467735.0, 3669471.5, 0.0, 0.0, 0.0);
(467756.6, 3669471.5, 0.0, 0.0, 0.0); (467778.2, 3669471.5, 0.0, 0.0, 0.0);
(467799.8, 3669471.5, 0.0, 0.0, 0.0); (467821.4, 3669471.5, 0.0, 0.0, 0.0);
(467843.0, 3669471.5, 0.0, 0.0, 0.0); (467864.6, 3669471.5, 0.0, 0.0, 0.0);
(467886.2, 3669471.5, 0.0, 0.0, 0.0); (467907.8, 3669471.5, 0.0, 0.0, 0.0);
(467929.4, 3669471.5, 0.0, 0.0, 0.0); (467951.0, 3669471.5, 0.0, 0.0, 0.0);
(467972.6, 3669471.5, 0.0, 0.0, 0.0); (467994.2, 3669471.5, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468015.8, 3669471.5, 0.0, 0.0, 0.0); (468037.4, 3669471.5, 0.0, 0.0, 0.0);
(468059.0, 3669471.5, 0.0, 0.0, 0.0); (468080.6, 3669471.5, 0.0, 0.0, 0.0);
(468102.2, 3669471.5, 0.0, 0.0, 0.0); (468123.8, 3669471.5, 0.0, 0.0, 0.0);
(468145.4, 3669471.5, 0.0, 0.0, 0.0); (468167.0, 3669471.5, 0.0, 0.0, 0.0);
(468188.6, 3669471.5, 0.0, 0.0, 0.0); (468210.2, 3669471.5, 0.0, 0.0, 0.0);
(468231.8, 3669471.5, 0.0, 0.0, 0.0); (468253.4, 3669471.5, 0.0, 0.0, 0.0);
(468275.0, 3669471.5, 0.0, 0.0, 0.0); (468296.6, 3669471.5, 0.0, 0.0, 0.0);
(468318.2, 3669471.5, 0.0, 0.0, 0.0); (468339.8, 3669471.5, 0.0, 0.0, 0.0);
(468361.4, 3669471.5, 0.0, 0.0, 0.0); (468383.0, 3669471.5, 0.0, 0.0, 0.0);
(467519.0, 3669504.9, 0.0, 0.0, 0.0); (467540.6, 3669504.9, 0.0, 0.0, 0.0);
(467562.2, 3669504.9, 0.0, 0.0, 0.0); (467583.8, 3669504.9, 0.0, 0.0, 0.0);
(467605.4, 3669504.9, 0.0, 0.0, 0.0); (467627.0, 3669504.9, 0.0, 0.0, 0.0);
(467648.6, 3669504.9, 0.0, 0.0, 0.0); (467670.2, 3669504.9, 0.0, 0.0, 0.0);
(467691.8, 3669504.9, 0.0, 0.0, 0.0); (467713.4, 3669504.9, 0.0, 0.0, 0.0);
(467735.0, 3669504.9, 0.0, 0.0, 0.0); (467756.6, 3669504.9, 0.0, 0.0, 0.0);
(467778.2, 3669504.9, 0.0, 0.0, 0.0); (467799.8, 3669504.9, 0.0, 0.0, 0.0);
(467821.4, 3669504.9, 0.0, 0.0, 0.0); (467843.0, 3669504.9, 0.0, 0.0, 0.0);
(467864.6, 3669504.9, 0.0, 0.0, 0.0); (467886.2, 3669504.9, 0.0, 0.0, 0.0);
(467907.8, 3669504.9, 0.0, 0.0, 0.0); (467929.4, 3669504.9, 0.0, 0.0, 0.0);
(467951.0, 3669504.9, 0.0, 0.0, 0.0); (467972.6, 3669504.9, 0.0, 0.0, 0.0);
(467994.2, 3669504.9, 0.0, 0.0, 0.0); (468015.8, 3669504.9, 0.0, 0.0, 0.0);
(468037.4, 3669504.9, 0.0, 0.0, 0.0); (468059.0, 3669504.9, 0.0, 0.0, 0.0);
(468080.6, 3669504.9, 0.0, 0.0, 0.0); (468102.2, 3669504.9, 0.0, 0.0, 0.0);
(468123.8, 3669504.9, 0.0, 0.0, 0.0); (468145.4, 3669504.9, 0.0, 0.0, 0.0);
(468167.0, 3669504.9, 0.0, 0.0, 0.0); (468188.6, 3669504.9, 0.0, 0.0, 0.0);
(468210.2, 3669504.9, 0.0, 0.0, 0.0); (468231.8, 3669504.9, 0.0, 0.0, 0.0);
(468253.4, 3669504.9, 0.0, 0.0, 0.0); (468275.0, 3669504.9, 0.0, 0.0, 0.0);
(468296.6, 3669504.9, 0.0, 0.0, 0.0); (468318.2, 3669504.9, 0.0, 0.0, 0.0);
(468339.8, 3669504.9, 0.0, 0.0, 0.0); (468361.4, 3669504.9, 0.0, 0.0, 0.0);
(468383.0, 3669504.9, 0.0, 0.0, 0.0); (467519.0, 3669538.3, 0.0, 0.0, 0.0);
(467540.6, 3669538.3, 0.0, 0.0, 0.0); (467562.2, 3669538.3, 0.0, 0.0, 0.0);
(467583.8, 3669538.3, 0.0, 0.0, 0.0); (467605.4, 3669538.3, 0.0, 0.0, 0.0);
(467627.0, 3669538.3, 0.0, 0.0, 0.0); (467648.6, 3669538.3, 0.0, 0.0, 0.0);
(467670.2, 3669538.3, 0.0, 0.0, 0.0); (467691.8, 3669538.3, 0.0, 0.0, 0.0);
(467713.4, 3669538.3, 0.0, 0.0, 0.0); (467735.0, 3669538.3, 0.0, 0.0, 0.0);
(467756.6, 3669538.3, 0.0, 0.0, 0.0); (467778.2, 3669538.3, 0.0, 0.0, 0.0);
(467799.8, 3669538.3, 0.0, 0.0, 0.0); (467821.4, 3669538.3, 0.0, 0.0, 0.0);
(467843.0, 3669538.3, 0.0, 0.0, 0.0); (467864.6, 3669538.3, 0.0, 0.0, 0.0);
(467886.2, 3669538.3, 0.0, 0.0, 0.0); (467907.8, 3669538.3, 0.0, 0.0, 0.0);
(467929.4, 3669538.3, 0.0, 0.0, 0.0); (467951.0, 3669538.3, 0.0, 0.0, 0.0);
(467972.6, 3669538.3, 0.0, 0.0, 0.0); (467994.2, 3669538.3, 0.0, 0.0, 0.0);
(468015.8, 3669538.3, 0.0, 0.0, 0.0); (468037.4, 3669538.3, 0.0, 0.0, 0.0);
(468059.0, 3669538.3, 0.0, 0.0, 0.0); (468080.6, 3669538.3, 0.0, 0.0, 0.0);
(468102.2, 3669538.3, 0.0, 0.0, 0.0); (468123.8, 3669538.3, 0.0, 0.0, 0.0);
(468145.4, 3669538.3, 0.0, 0.0, 0.0); (468167.0, 3669538.3, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468188.6, 3669538.3, 0.0, 0.0, 0.0); (468210.2, 3669538.3, 0.0, 0.0, 0.0);
(468231.8, 3669538.3, 0.0, 0.0, 0.0); (468253.4, 3669538.3, 0.0, 0.0, 0.0);
(468275.0, 3669538.3, 0.0, 0.0, 0.0); (468296.6, 3669538.3, 0.0, 0.0, 0.0);
(468318.2, 3669538.3, 0.0, 0.0, 0.0); (468339.8, 3669538.3, 0.0, 0.0, 0.0);
(468361.4, 3669538.3, 0.0, 0.0, 0.0); (468383.0, 3669538.3, 0.0, 0.0, 0.0);
(467519.0, 3669571.7, 0.0, 0.0, 0.0); (467540.6, 3669571.7, 0.0, 0.0, 0.0);
(467562.2, 3669571.7, 0.0, 0.0, 0.0); (467583.8, 3669571.7, 0.0, 0.0, 0.0);
(467605.4, 3669571.7, 0.0, 0.0, 0.0); (467627.0, 3669571.7, 0.0, 0.0, 0.0);
(467648.6, 3669571.7, 0.0, 0.0, 0.0); (467670.2, 3669571.7, 0.0, 0.0, 0.0);
(467691.8, 3669571.7, 0.0, 0.0, 0.0); (467713.4, 3669571.7, 0.0, 0.0, 0.0);

(467735.0, 3669571.7, 0.0, 0.0, 0.0); (467756.6, 3669571.7, 0.0, 0.0, 0.0);
(467778.2, 3669571.7, 0.0, 0.0, 0.0); (467799.8, 3669571.7, 0.0, 0.0, 0.0);
(467821.4, 3669571.7, 0.0, 0.0, 0.0); (467843.0, 3669571.7, 0.0, 0.0, 0.0);
(467864.6, 3669571.7, 0.0, 0.0, 0.0); (467886.2, 3669571.7, 0.0, 0.0, 0.0);
(467907.8, 3669571.7, 0.0, 0.0, 0.0); (467929.4, 3669571.7, 0.0, 0.0, 0.0);
(467951.0, 3669571.7, 0.0, 0.0, 0.0); (467972.6, 3669571.7, 0.0, 0.0, 0.0);
(467994.2, 3669571.7, 0.0, 0.0, 0.0); (468015.8, 3669571.7, 0.0, 0.0, 0.0);
(468037.4, 3669571.7, 0.0, 0.0, 0.0); (468059.0, 3669571.7, 0.0, 0.0, 0.0);
(468080.6, 3669571.7, 0.0, 0.0, 0.0); (468102.2, 3669571.7, 0.0, 0.0, 0.0);
(468123.8, 3669571.7, 0.0, 0.0, 0.0); (468145.4, 3669571.7, 0.0, 0.0, 0.0);
(468167.0, 3669571.7, 0.0, 0.0, 0.0); (468188.6, 3669571.7, 0.0, 0.0, 0.0);
(468210.2, 3669571.7, 0.0, 0.0, 0.0); (468231.8, 3669571.7, 0.0, 0.0, 0.0);
(468253.4, 3669571.7, 0.0, 0.0, 0.0); (468275.0, 3669571.7, 0.0, 0.0, 0.0);
(468296.6, 3669571.7, 0.0, 0.0, 0.0); (468318.2, 3669571.7, 0.0, 0.0, 0.0);
(468339.8, 3669571.7, 0.0, 0.0, 0.0); (468361.4, 3669571.7, 0.0, 0.0, 0.0);
(468383.0, 3669571.7, 0.0, 0.0, 0.0); (467519.0, 3669605.1, 0.0, 0.0, 0.0);
(467540.6, 3669605.1, 0.0, 0.0, 0.0); (467562.2, 3669605.1, 0.0, 0.0, 0.0);
(467583.8, 3669605.1, 0.0, 0.0, 0.0); (467605.4, 3669605.1, 0.0, 0.0, 0.0);
(467627.0, 3669605.1, 0.0, 0.0, 0.0); (467648.6, 3669605.1, 0.0, 0.0, 0.0);
(467670.2, 3669605.1, 0.0, 0.0, 0.0); (467691.8, 3669605.1, 0.0, 0.0, 0.0);
(467713.4, 3669605.1, 0.0, 0.0, 0.0); (467735.0, 3669605.1, 0.0, 0.0, 0.0);
(467756.6, 3669605.1, 0.0, 0.0, 0.0); (467778.2, 3669605.1, 0.0, 0.0, 0.0);
(467799.8, 3669605.1, 0.0, 0.0, 0.0); (467821.4, 3669605.1, 0.0, 0.0, 0.0);
(467843.0, 3669605.1, 0.0, 0.0, 0.0); (467864.6, 3669605.1, 0.0, 0.0, 0.0);
(467886.2, 3669605.1, 0.0, 0.0, 0.0); (467907.8, 3669605.1, 0.0, 0.0, 0.0);
(467929.4, 3669605.1, 0.0, 0.0, 0.0); (467951.0, 3669605.1, 0.0, 0.0, 0.0);
(467972.6, 3669605.1, 0.0, 0.0, 0.0); (467994.2, 3669605.1, 0.0, 0.0, 0.0);
(468015.8, 3669605.1, 0.0, 0.0, 0.0); (468037.4, 3669605.1, 0.0, 0.0, 0.0);
(468059.0, 3669605.1, 0.0, 0.0, 0.0); (468080.6, 3669605.1, 0.0, 0.0, 0.0);
(468102.2, 3669605.1, 0.0, 0.0, 0.0); (468123.8, 3669605.1, 0.0, 0.0, 0.0);
(468145.4, 3669605.1, 0.0, 0.0, 0.0); (468167.0, 3669605.1, 0.0, 0.0, 0.0);
(468188.6, 3669605.1, 0.0, 0.0, 0.0); (468210.2, 3669605.1, 0.0, 0.0, 0.0);
(468231.8, 3669605.1, 0.0, 0.0, 0.0); (468253.4, 3669605.1, 0.0, 0.0, 0.0);
(468275.0, 3669605.1, 0.0, 0.0, 0.0); (468296.6, 3669605.1, 0.0, 0.0, 0.0);
(468318.2, 3669605.1, 0.0, 0.0, 0.0); (468339.8, 3669605.1, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468361.4, 3669605.1, 0.0, 0.0, 0.0); (468383.0, 3669605.1, 0.0, 0.0, 0.0);
(467519.0, 3669638.5, 0.0, 0.0, 0.0); (467540.6, 3669638.5, 0.0, 0.0, 0.0);
(467562.2, 3669638.5, 0.0, 0.0, 0.0); (467583.8, 3669638.5, 0.0, 0.0, 0.0);
(467605.4, 3669638.5, 0.0, 0.0, 0.0); (467627.0, 3669638.5, 0.0, 0.0, 0.0);
(467648.6, 3669638.5, 0.0, 0.0, 0.0); (467670.2, 3669638.5, 0.0, 0.0, 0.0);
(467691.8, 3669638.5, 0.0, 0.0, 0.0); (467713.4, 3669638.5, 0.0, 0.0, 0.0);
(467735.0, 3669638.5, 0.0, 0.0, 0.0); (467756.6, 3669638.5, 0.0, 0.0, 0.0);
(467778.2, 3669638.5, 0.0, 0.0, 0.0); (467799.8, 3669638.5, 0.0, 0.0, 0.0);
(467821.4, 3669638.5, 0.0, 0.0, 0.0); (467843.0, 3669638.5, 0.0, 0.0, 0.0);
(467864.6, 3669638.5, 0.0, 0.0, 0.0); (467886.2, 3669638.5, 0.0, 0.0, 0.0);
(467907.8, 3669638.5, 0.0, 0.0, 0.0); (467929.4, 3669638.5, 0.0, 0.0, 0.0);
(467951.0, 3669638.5, 0.0, 0.0, 0.0); (467972.6, 3669638.5, 0.0, 0.0, 0.0);
(467994.2, 3669638.5, 0.0, 0.0, 0.0); (468015.8, 3669638.5, 0.0, 0.0, 0.0);
(468037.4, 3669638.5, 0.0, 0.0, 0.0); (468059.0, 3669638.5, 0.0, 0.0, 0.0);
(468080.6, 3669638.5, 0.0, 0.0, 0.0); (468102.2, 3669638.5, 0.0, 0.0, 0.0);
(468123.8, 3669638.5, 0.0, 0.0, 0.0); (468145.4, 3669638.5, 0.0, 0.0, 0.0);
(468167.0, 3669638.5, 0.0, 0.0, 0.0); (468188.6, 3669638.5, 0.0, 0.0, 0.0);
(468210.2, 3669638.5, 0.0, 0.0, 0.0); (468231.8, 3669638.5, 0.0, 0.0, 0.0);
(468253.4, 3669638.5, 0.0, 0.0, 0.0); (468275.0, 3669638.5, 0.0, 0.0, 0.0);
(468296.6, 3669638.5, 0.0, 0.0, 0.0); (468318.2, 3669638.5, 0.0, 0.0, 0.0);
(468339.8, 3669638.5, 0.0, 0.0, 0.0); (468361.4, 3669638.5, 0.0, 0.0, 0.0);
(468383.0, 3669638.5, 0.0, 0.0, 0.0); (467519.0, 3669671.9, 0.0, 0.0, 0.0);
(467540.6, 3669671.9, 0.0, 0.0, 0.0); (467562.2, 3669671.9, 0.0, 0.0, 0.0);
(467583.8, 3669671.9, 0.0, 0.0, 0.0); (467605.4, 3669671.9, 0.0, 0.0, 0.0);
(467627.0, 3669671.9, 0.0, 0.0, 0.0); (467648.6, 3669671.9, 0.0, 0.0, 0.0);
(467670.2, 3669671.9, 0.0, 0.0, 0.0); (467691.8, 3669671.9, 0.0, 0.0, 0.0);
(467713.4, 3669671.9, 0.0, 0.0, 0.0); (467735.0, 3669671.9, 0.0, 0.0, 0.0);
(467756.6, 3669671.9, 0.0, 0.0, 0.0); (467778.2, 3669671.9, 0.0, 0.0, 0.0);
(467799.8, 3669671.9, 0.0, 0.0, 0.0); (467821.4, 3669671.9, 0.0, 0.0, 0.0);
(467843.0, 3669671.9, 0.0, 0.0, 0.0); (467864.6, 3669671.9, 0.0, 0.0, 0.0);
(467886.2, 3669671.9, 0.0, 0.0, 0.0); (467907.8, 3669671.9, 0.0, 0.0, 0.0);
(467929.4, 3669671.9, 0.0, 0.0, 0.0); (467951.0, 3669671.9, 0.0, 0.0, 0.0);
(467972.6, 3669671.9, 0.0, 0.0, 0.0); (467994.2, 3669671.9, 0.0, 0.0, 0.0);
(468015.8, 3669671.9, 0.0, 0.0, 0.0); (468037.4, 3669671.9, 0.0, 0.0, 0.0);
(468059.0, 3669671.9, 0.0, 0.0, 0.0); (468080.6, 3669671.9, 0.0, 0.0, 0.0);
(468102.2, 3669671.9, 0.0, 0.0, 0.0); (468123.8, 3669671.9, 0.0, 0.0, 0.0);
(468145.4, 3669671.9, 0.0, 0.0, 0.0); (468167.0, 3669671.9, 0.0, 0.0, 0.0);
(468188.6, 3669671.9, 0.0, 0.0, 0.0); (468210.2, 3669671.9, 0.0, 0.0, 0.0);
(468231.8, 3669671.9, 0.0, 0.0, 0.0); (468253.4, 3669671.9, 0.0, 0.0, 0.0);
(468275.0, 3669671.9, 0.0, 0.0, 0.0); (468296.6, 3669671.9, 0.0, 0.0, 0.0);
(468318.2, 3669671.9, 0.0, 0.0, 0.0); (468339.8, 3669671.9, 0.0, 0.0, 0.0);
(468361.4, 3669671.9, 0.0, 0.0, 0.0); (468383.0, 3669671.9, 0.0, 0.0, 0.0);
(467519.0, 3669705.3, 0.0, 0.0, 0.0); (467540.6, 3669705.3, 0.0, 0.0, 0.0);
(467562.2, 3669705.3, 0.0, 0.0, 0.0); (467583.8, 3669705.3, 0.0, 0.0, 0.0);
(467605.4, 3669705.3, 0.0, 0.0, 0.0); (467627.0, 3669705.3, 0.0, 0.0, 0.0);

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

(	467648.6,	3669705.3,	0.0,	0.0,	0.0);	(467670.2,	3669705.3,	0.0,	0.0,	0.0);
(	467691.8,	3669705.3,	0.0,	0.0,	0.0);	(467713.4,	3669705.3,	0.0,	0.0,	0.0);
(	467735.0,	3669705.3,	0.0,	0.0,	0.0);	(467756.6,	3669705.3,	0.0,	0.0,	0.0);
(	467778.2,	3669705.3,	0.0,	0.0,	0.0);	(467799.8,	3669705.3,	0.0,	0.0,	0.0);
(	467821.4,	3669705.3,	0.0,	0.0,	0.0);	(467843.0,	3669705.3,	0.0,	0.0,	0.0);
(	467864.6,	3669705.3,	0.0,	0.0,	0.0);	(467886.2,	3669705.3,	0.0,	0.0,	0.0);
(	467907.8,	3669705.3,	0.0,	0.0,	0.0);	(467929.4,	3669705.3,	0.0,	0.0,	0.0);
(	467951.0,	3669705.3,	0.0,	0.0,	0.0);	(467972.6,	3669705.3,	0.0,	0.0,	0.0);
(	467994.2,	3669705.3,	0.0,	0.0,	0.0);	(468015.8,	3669705.3,	0.0,	0.0,	0.0);
(	468037.4,	3669705.3,	0.0,	0.0,	0.0);	(468059.0,	3669705.3,	0.0,	0.0,	0.0);
(	468080.6,	3669705.3,	0.0,	0.0,	0.0);	(468102.2,	3669705.3,	0.0,	0.0,	0.0);
(	468123.8,	3669705.3,	0.0,	0.0,	0.0);	(468145.4,	3669705.3,	0.0,	0.0,	0.0);
(	468167.0,	3669705.3,	0.0,	0.0,	0.0);	(468188.6,	3669705.3,	0.0,	0.0,	0.0);
(	468210.2,	3669705.3,	0.0,	0.0,	0.0);	(468231.8,	3669705.3,	0.0,	0.0,	0.0);
(	468253.4,	3669705.3,	0.0,	0.0,	0.0);	(468275.0,	3669705.3,	0.0,	0.0,	0.0);
(	468296.6,	3669705.3,	0.0,	0.0,	0.0);	(468318.2,	3669705.3,	0.0,	0.0,	0.0);
(	468339.8,	3669705.3,	0.0,	0.0,	0.0);	(468361.4,	3669705.3,	0.0,	0.0,	0.0);
(	468383.0,	3669705.3,	0.0,	0.0,	0.0);	(467519.0,	3669738.7,	0.0,	0.0,	0.0);
(	467540.6,	3669738.7,	0.0,	0.0,	0.0);	(467562.2,	3669738.7,	0.0,	0.0,	0.0);
(	467583.8,	3669738.7,	0.0,	0.0,	0.0);	(467605.4,	3669738.7,	0.0,	0.0,	0.0);
(	467627.0,	3669738.7,	0.0,	0.0,	0.0);	(467648.6,	3669738.7,	0.0,	0.0,	0.0);
(	467670.2,	3669738.7,	0.0,	0.0,	0.0);	(467691.8,	3669738.7,	0.0,	0.0,	0.0);
(	467713.4,	3669738.7,	0.0,	0.0,	0.0);	(467735.0,	3669738.7,	0.0,	0.0,	0.0);
(	467756.6,	3669738.7,	0.0,	0.0,	0.0);	(467778.2,	3669738.7,	0.0,	0.0,	0.0);
(	467799.8,	3669738.7,	0.0,	0.0,	0.0);	(467821.4,	3669738.7,	0.0,	0.0,	0.0);
(	467843.0,	3669738.7,	0.0,	0.0,	0.0);	(467864.6,	3669738.7,	0.0,	0.0,	0.0);
(	467886.2,	3669738.7,	0.0,	0.0,	0.0);	(467907.8,	3669738.7,	0.0,	0.0,	0.0);
(	467929.4,	3669738.7,	0.0,	0.0,	0.0);	(467951.0,	3669738.7,	0.0,	0.0,	0.0);
(	467972.6,	3669738.7,	0.0,	0.0,	0.0);	(467994.2,	3669738.7,	0.0,	0.0,	0.0);
(	468015.8,	3669738.7,	0.0,	0.0,	0.0);	(468037.4,	3669738.7,	0.0,	0.0,	0.0);
(	468059.0,	3669738.7,	0.0,	0.0,	0.0);	(468080.6,	3669738.7,	0.0,	0.0,	0.0);
(	468102.2,	3669738.7,	0.0,	0.0,	0.0);	(468123.8,	3669738.7,	0.0,	0.0,	0.0);
(	468145.4,	3669738.7,	0.0,	0.0,	0.0);	(468167.0,	3669738.7,	0.0,	0.0,	0.0);
(	468188.6,	3669738.7,	0.0,	0.0,	0.0);	(468210.2,	3669738.7,	0.0,	0.0,	0.0);
(	468231.8,	3669738.7,	0.0,	0.0,	0.0);	(468253.4,	3669738.7,	0.0,	0.0,	0.0);
(	468275.0,	3669738.7,	0.0,	0.0,	0.0);	(468296.6,	3669738.7,	0.0,	0.0,	0.0);
(	468318.2,	3669738.7,	0.0,	0.0,	0.0);	(468339.8,	3669738.7,	0.0,	0.0,	0.0);
(	468361.4,	3669738.7,	0.0,	0.0,	0.0);	(468383.0,	3669738.7,	0.0,	0.0,	0.0);
(	467519.0,	3669772.1,	0.0,	0.0,	0.0);	(467540.6,	3669772.1,	0.0,	0.0,	0.0);
(	467562.2,	3669772.1,	0.0,	0.0,	0.0);	(467583.8,	3669772.1,	0.0,	0.0,	0.0);
(	467605.4,	3669772.1,	0.0,	0.0,	0.0);	(467627.0,	3669772.1,	0.0,	0.0,	0.0);
(	467648.6,	3669772.1,	0.0,	0.0,	0.0);	(467670.2,	3669772.1,	0.0,	0.0,	0.0);
(	467691.8,	3669772.1,	0.0,	0.0,	0.0);	(467713.4,	3669772.1,	0.0,	0.0,	0.0);
(	467735.0,	3669772.1,	0.0,	0.0,	0.0);	(467756.6,	3669772.1,	0.0,	0.0,	0.0);
(	467778.2,	3669772.1,	0.0,	0.0,	0.0);	(467799.8,	3669772.1,	0.0,	0.0,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(	467821.4,	3669772.1,	0.0,	0.0,	0.0);	(467843.0,	3669772.1,	0.0,	0.0,	0.0);
(	467864.6,	3669772.1,	0.0,	0.0,	0.0);	(467886.2,	3669772.1,	0.0,	0.0,	0.0);
(	467907.8,	3669772.1,	0.0,	0.0,	0.0);	(467929.4,	3669772.1,	0.0,	0.0,	0.0);
(	467951.0,	3669772.1,	0.0,	0.0,	0.0);	(467972.6,	3669772.1,	0.0,	0.0,	0.0);
(	467994.2,	3669772.1,	0.0,	0.0,	0.0);	(468015.8,	3669772.1,	0.0,	0.0,	0.0);
(	468037.4,	3669772.1,	0.0,	0.0,	0.0);	(468059.0,	3669772.1,	0.0,	0.0,	0.0);
(	468080.6,	3669772.1,	0.0,	0.0,	0.0);	(468102.2,	3669772.1,	0.0,	0.0,	0.0);
(	468123.8,	3669772.1,	0.0,	0.0,	0.0);	(468145.4,	3669772.1,	0.0,	0.0,	0.0);
(	468167.0,	3669772.1,	0.0,	0.0,	0.0);	(468188.6,	3669772.1,	0.0,	0.0,	0.0);
(	468210.2,	3669772.1,	0.0,	0.0,	0.0);	(468231.8,	3669772.1,	0.0,	0.0,	0.0);
(	468253.4,	3669772.1,	0.0,	0.0,	0.0);	(468275.0,	3669772.1,	0.0,	0.0,	0.0);
(	468296.6,	3669772.1,	0.0,	0.0,	0.0);	(468318.2,	3669772.1,	0.0,	0.0,	0.0);
(	468339.8,	3669772.1,	0.0,	0.0,	0.0);	(468361.4,	3669772.1,	0.0,	0.0,	0.0);
(	468383.0,	3669772.1,	0.0,	0.0,	0.0);	(467519.0,	3669805.5,	0.0,	0.0,	0.0);
(	467540.6,	3669805.5,	0.0,	0.0,	0.0);	(467562.2,	3669805.5,	0.0,	0.0,	0.0);
(	467583.8,	3669805.5,	0.0,	0.0,	0.0);	(467605.4,	3669805.5,	0.0,	0.0,	0.0);
(	467627.0,	3669805.5,	0.0,	0.0,	0.0);	(467648.6,	3669805.5,	0.0,	0.0,	0.0);
(	467670.2,	3669805.5,	0.0,	0.0,	0.0);	(467691.8,	3669805.5,	0.0,	0.0,	0.0);
(	467713.4,	3669805.5,	0.0,	0.0,	0.0);	(467735.0,	3669805.5,	0.0,	0.0,	0.0);
(	467756.6,	3669805.5,	0.0,	0.0,	0.0);	(467778.2,	3669805.5,	0.0,	0.0,	0.0);
(	467799.8,	3669805.5,	0.0,	0.0,	0.0);	(467821.4,	3669805.5,	0.0,	0.0,	0.0);
(	467843.0,	3669805.5,	0.0,	0.0,	0.0);	(467864.6,	3669805.5,	0.0,	0.0,	0.0);
(	467886.2,	3669805.5,	0.0,	0.0,	0.0);	(467907.8,	3669805.5,	0.0,	0.0,	0.0);
(	467929.4,	3669805.5,	0.0,	0.0,	0.0);	(467951.0,	3669805.5,	0.0,	0.0,	0.0);
(	467972.6,	3669805.5,	0.0,	0.0,	0.0);	(467994.2,	3669805.5,	0.0,	0.0,	0.0);
(	468015.8,	3669805.5,	0.0,	0.0,	0.0);	(468037.4,	3669805.5,	0.0,	0.0,	0.0);
(	468059.0,	3669805.5,	0.0,	0.0,	0.0);	(468080.6,	3669805.5,	0.0,	0.0,	0.0);
(	468102.2,	3669805.5,	0.0,	0.0,	0.0);	(468123.8,	3669805.5,	0.0,	0.0,	0.0);
(	468145.4,	3669805.5,	0.0,	0.0,	0.0);	(468167.0,	3669805.5,	0.0,	0.0,	0.0);
(	468188.6,	3669805.5,	0.0,	0.0,	0.0);	(468210.2,	3669805.5,	0.0,	0.0,	0.0);
(	468231.8,	3669805.5,	0.0,	0.0,	0.0);	(468253.4,	3669805.5,	0.0,	0.0,	0.0);
(	468275.0,	3669805.5,	0.0,	0.0,	0.0);	(468296.6,	3669805.5,	0.0,	0.0,	0.0);

(468318.2, 3669805.5, 0.0, 0.0, 0.0); (468339.8, 3669805.5, 0.0, 0.0, 0.0);
(468361.4, 3669805.5, 0.0, 0.0, 0.0); (468383.0, 3669805.5, 0.0, 0.0, 0.0);
(467519.0, 3669838.9, 0.0, 0.0, 0.0); (467540.6, 3669838.9, 0.0, 0.0, 0.0);
(467562.2, 3669838.9, 0.0, 0.0, 0.0); (467583.8, 3669838.9, 0.0, 0.0, 0.0);
(467605.4, 3669838.9, 0.0, 0.0, 0.0); (467627.0, 3669838.9, 0.0, 0.0, 0.0);
(467648.6, 3669838.9, 0.0, 0.0, 0.0); (467670.2, 3669838.9, 0.0, 0.0, 0.0);
(467691.8, 3669838.9, 0.0, 0.0, 0.0); (467713.4, 3669838.9, 0.0, 0.0, 0.0);
(467735.0, 3669838.9, 0.0, 0.0, 0.0); (467756.6, 3669838.9, 0.0, 0.0, 0.0);
(467778.2, 3669838.9, 0.0, 0.0, 0.0); (467799.8, 3669838.9, 0.0, 0.0, 0.0);
(467821.4, 3669838.9, 0.0, 0.0, 0.0); (467843.0, 3669838.9, 0.0, 0.0, 0.0);
(467864.6, 3669838.9, 0.0, 0.0, 0.0); (467886.2, 3669838.9, 0.0, 0.0, 0.0);
(467907.8, 3669838.9, 0.0, 0.0, 0.0); (467929.4, 3669838.9, 0.0, 0.0, 0.0);
(467951.0, 3669838.9, 0.0, 0.0, 0.0); (467972.6, 3669838.9, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467994.2, 3669838.9, 0.0, 0.0, 0.0); (468015.8, 3669838.9, 0.0, 0.0, 0.0);
(468037.4, 3669838.9, 0.0, 0.0, 0.0); (468059.0, 3669838.9, 0.0, 0.0, 0.0);
(468080.6, 3669838.9, 0.0, 0.0, 0.0); (468102.2, 3669838.9, 0.0, 0.0, 0.0);
(468123.8, 3669838.9, 0.0, 0.0, 0.0); (468145.4, 3669838.9, 0.0, 0.0, 0.0);
(468167.0, 3669838.9, 0.0, 0.0, 0.0); (468188.6, 3669838.9, 0.0, 0.0, 0.0);
(468210.2, 3669838.9, 0.0, 0.0, 0.0); (468231.8, 3669838.9, 0.0, 0.0, 0.0);
(468253.4, 3669838.9, 0.0, 0.0, 0.0); (468275.0, 3669838.9, 0.0, 0.0, 0.0);
(468296.6, 3669838.9, 0.0, 0.0, 0.0); (468318.2, 3669838.9, 0.0, 0.0, 0.0);
(468339.8, 3669838.9, 0.0, 0.0, 0.0); (468361.4, 3669838.9, 0.0, 0.0, 0.0);
(468383.0, 3669838.9, 0.0, 0.0, 0.0); (467519.0, 3669872.3, 0.0, 0.0, 0.0);
(467540.6, 3669872.3, 0.0, 0.0, 0.0); (467562.2, 3669872.3, 0.0, 0.0, 0.0);
(467583.8, 3669872.3, 0.0, 0.0, 0.0); (467605.4, 3669872.3, 0.0, 0.0, 0.0);
(467627.0, 3669872.3, 0.0, 0.0, 0.0); (467648.6, 3669872.3, 0.0, 0.0, 0.0);
(467670.2, 3669872.3, 0.0, 0.0, 0.0); (467691.8, 3669872.3, 0.0, 0.0, 0.0);
(467713.4, 3669872.3, 0.0, 0.0, 0.0); (467735.0, 3669872.3, 0.0, 0.0, 0.0);
(467756.6, 3669872.3, 0.0, 0.0, 0.0); (467778.2, 3669872.3, 0.0, 0.0, 0.0);
(467799.8, 3669872.3, 0.0, 0.0, 0.0); (467821.4, 3669872.3, 0.0, 0.0, 0.0);
(467843.0, 3669872.3, 0.0, 0.0, 0.0); (467864.6, 3669872.3, 0.0, 0.0, 0.0);
(467886.2, 3669872.3, 0.0, 0.0, 0.0); (467907.8, 3669872.3, 0.0, 0.0, 0.0);
(467929.4, 3669872.3, 0.0, 0.0, 0.0); (467951.0, 3669872.3, 0.0, 0.0, 0.0);
(467972.6, 3669872.3, 0.0, 0.0, 0.0); (467994.2, 3669872.3, 0.0, 0.0, 0.0);
(468015.8, 3669872.3, 0.0, 0.0, 0.0); (468037.4, 3669872.3, 0.0, 0.0, 0.0);
(468059.0, 3669872.3, 0.0, 0.0, 0.0); (468080.6, 3669872.3, 0.0, 0.0, 0.0);
(468102.2, 3669872.3, 0.0, 0.0, 0.0); (468123.8, 3669872.3, 0.0, 0.0, 0.0);
(468145.4, 3669872.3, 0.0, 0.0, 0.0); (468167.0, 3669872.3, 0.0, 0.0, 0.0);
(468188.6, 3669872.3, 0.0, 0.0, 0.0); (468210.2, 3669872.3, 0.0, 0.0, 0.0);
(468231.8, 3669872.3, 0.0, 0.0, 0.0); (468253.4, 3669872.3, 0.0, 0.0, 0.0);
(468275.0, 3669872.3, 0.0, 0.0, 0.0); (468296.6, 3669872.3, 0.0, 0.0, 0.0);
(468318.2, 3669872.3, 0.0, 0.0, 0.0); (468339.8, 3669872.3, 0.0, 0.0, 0.0);
(468361.4, 3669872.3, 0.0, 0.0, 0.0); (468383.0, 3669872.3, 0.0, 0.0, 0.0);
(467519.0, 3669905.7, 0.0, 0.0, 0.0); (467540.6, 3669905.7, 0.0, 0.0, 0.0);
(467562.2, 3669905.7, 0.0, 0.0, 0.0); (467583.8, 3669905.7, 0.0, 0.0, 0.0);
(467605.4, 3669905.7, 0.0, 0.0, 0.0); (467627.0, 3669905.7, 0.0, 0.0, 0.0);
(467648.6, 3669905.7, 0.0, 0.0, 0.0); (467670.2, 3669905.7, 0.0, 0.0, 0.0);
(467691.8, 3669905.7, 0.0, 0.0, 0.0); (467713.4, 3669905.7, 0.0, 0.0, 0.0);
(467735.0, 3669905.7, 0.0, 0.0, 0.0); (467756.6, 3669905.7, 0.0, 0.0, 0.0);
(467778.2, 3669905.7, 0.0, 0.0, 0.0); (467799.8, 3669905.7, 0.0, 0.0, 0.0);
(467821.4, 3669905.7, 0.0, 0.0, 0.0); (467843.0, 3669905.7, 0.0, 0.0, 0.0);
(467864.6, 3669905.7, 0.0, 0.0, 0.0); (467886.2, 3669905.7, 0.0, 0.0, 0.0);
(467907.8, 3669905.7, 0.0, 0.0, 0.0); (467929.4, 3669905.7, 0.0, 0.0, 0.0);
(467951.0, 3669905.7, 0.0, 0.0, 0.0); (467972.6, 3669905.7, 0.0, 0.0, 0.0);
(467994.2, 3669905.7, 0.0, 0.0, 0.0); (468015.8, 3669905.7, 0.0, 0.0, 0.0);
(468037.4, 3669905.7, 0.0, 0.0, 0.0); (468059.0, 3669905.7, 0.0, 0.0, 0.0);
(468080.6, 3669905.7, 0.0, 0.0, 0.0); (468102.2, 3669905.7, 0.0, 0.0, 0.0);
(468123.8, 3669905.7, 0.0, 0.0, 0.0); (468145.4, 3669905.7, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468167.0, 3669905.7, 0.0, 0.0, 0.0); (468188.6, 3669905.7, 0.0, 0.0, 0.0);
(468210.2, 3669905.7, 0.0, 0.0, 0.0); (468231.8, 3669905.7, 0.0, 0.0, 0.0);
(468253.4, 3669905.7, 0.0, 0.0, 0.0); (468275.0, 3669905.7, 0.0, 0.0, 0.0);
(468296.6, 3669905.7, 0.0, 0.0, 0.0); (468318.2, 3669905.7, 0.0, 0.0, 0.0);
(468339.8, 3669905.7, 0.0, 0.0, 0.0); (468361.4, 3669905.7, 0.0, 0.0, 0.0);
(468383.0, 3669905.7, 0.0, 0.0, 0.0); (467519.0, 3669939.1, 0.0, 0.0, 0.0);
(467540.6, 3669939.1, 0.0, 0.0, 0.0); (467562.2, 3669939.1, 0.0, 0.0, 0.0);
(467583.8, 3669939.1, 0.0, 0.0, 0.0); (467605.4, 3669939.1, 0.0, 0.0, 0.0);
(467627.0, 3669939.1, 0.0, 0.0, 0.0); (467648.6, 3669939.1, 0.0, 0.0, 0.0);
(467670.2, 3669939.1, 0.0, 0.0, 0.0); (467691.8, 3669939.1, 0.0, 0.0, 0.0);
(467713.4, 3669939.1, 0.0, 0.0, 0.0); (467735.0, 3669939.1, 0.0, 0.0, 0.0);
(467756.6, 3669939.1, 0.0, 0.0, 0.0); (467778.2, 3669939.1, 0.0, 0.0, 0.0);
(467799.8, 3669939.1, 0.0, 0.0, 0.0); (467821.4, 3669939.1, 0.0, 0.0, 0.0);
(467843.0, 3669939.1, 0.0, 0.0, 0.0); (467864.6, 3669939.1, 0.0, 0.0, 0.0);
(467886.2, 3669939.1, 0.0, 0.0, 0.0); (467907.8, 3669939.1, 0.0, 0.0, 0.0);
(467929.4, 3669939.1, 0.0, 0.0, 0.0); (467951.0, 3669939.1, 0.0, 0.0, 0.0);

(467972.6, 3669939.1, 0.0, 0.0, 0.0); (467994.2, 3669939.1, 0.0, 0.0, 0.0);
(468015.8, 3669939.1, 0.0, 0.0, 0.0); (468037.4, 3669939.1, 0.0, 0.0, 0.0);
(468059.0, 3669939.1, 0.0, 0.0, 0.0); (468080.6, 3669939.1, 0.0, 0.0, 0.0);
(468102.2, 3669939.1, 0.0, 0.0, 0.0); (468123.8, 3669939.1, 0.0, 0.0, 0.0);
(468145.4, 3669939.1, 0.0, 0.0, 0.0); (468167.0, 3669939.1, 0.0, 0.0, 0.0);
(468188.6, 3669939.1, 0.0, 0.0, 0.0); (468210.2, 3669939.1, 0.0, 0.0, 0.0);
(468231.8, 3669939.1, 0.0, 0.0, 0.0); (468253.4, 3669939.1, 0.0, 0.0, 0.0);
(468275.0, 3669939.1, 0.0, 0.0, 0.0); (468296.6, 3669939.1, 0.0, 0.0, 0.0);
(468318.2, 3669939.1, 0.0, 0.0, 0.0); (468339.8, 3669939.1, 0.0, 0.0, 0.0);
(468361.4, 3669939.1, 0.0, 0.0, 0.0); (468383.0, 3669939.1, 0.0, 0.0, 0.0);
(467519.0, 3669972.5, 0.0, 0.0, 0.0); (467540.6, 3669972.5, 0.0, 0.0, 0.0);
(467562.2, 3669972.5, 0.0, 0.0, 0.0); (467583.8, 3669972.5, 0.0, 0.0, 0.0);
(467605.4, 3669972.5, 0.0, 0.0, 0.0); (467627.0, 3669972.5, 0.0, 0.0, 0.0);
(467648.6, 3669972.5, 0.0, 0.0, 0.0); (467670.2, 3669972.5, 0.0, 0.0, 0.0);
(467691.8, 3669972.5, 0.0, 0.0, 0.0); (467713.4, 3669972.5, 0.0, 0.0, 0.0);
(467735.0, 3669972.5, 0.0, 0.0, 0.0); (467756.6, 3669972.5, 0.0, 0.0, 0.0);
(467778.2, 3669972.5, 0.0, 0.0, 0.0); (467799.8, 3669972.5, 0.0, 0.0, 0.0);
(467821.4, 3669972.5, 0.0, 0.0, 0.0); (467843.0, 3669972.5, 0.0, 0.0, 0.0);
(467864.6, 3669972.5, 0.0, 0.0, 0.0); (467886.2, 3669972.5, 0.0, 0.0, 0.0);
(467907.8, 3669972.5, 0.0, 0.0, 0.0); (467929.4, 3669972.5, 0.0, 0.0, 0.0);
(467951.0, 3669972.5, 0.0, 0.0, 0.0); (467972.6, 3669972.5, 0.0, 0.0, 0.0);
(467994.2, 3669972.5, 0.0, 0.0, 0.0); (468015.8, 3669972.5, 0.0, 0.0, 0.0);
(468037.4, 3669972.5, 0.0, 0.0, 0.0); (468059.0, 3669972.5, 0.0, 0.0, 0.0);
(468080.6, 3669972.5, 0.0, 0.0, 0.0); (468102.2, 3669972.5, 0.0, 0.0, 0.0);
(468123.8, 3669972.5, 0.0, 0.0, 0.0); (468145.4, 3669972.5, 0.0, 0.0, 0.0);
(468167.0, 3669972.5, 0.0, 0.0, 0.0); (468188.6, 3669972.5, 0.0, 0.0, 0.0);
(468210.2, 3669972.5, 0.0, 0.0, 0.0); (468231.8, 3669972.5, 0.0, 0.0, 0.0);
(468253.4, 3669972.5, 0.0, 0.0, 0.0); (468275.0, 3669972.5, 0.0, 0.0, 0.0);
(468296.6, 3669972.5, 0.0, 0.0, 0.0); (468318.2, 3669972.5, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(468339.8, 3669972.5, 0.0, 0.0, 0.0); (468361.4, 3669972.5, 0.0, 0.0, 0.0);
(468383.0, 3669972.5, 0.0, 0.0, 0.0); (467519.0, 3670005.9, 0.0, 0.0, 0.0);
(467540.6, 3670005.9, 0.0, 0.0, 0.0); (467562.2, 3670005.9, 0.0, 0.0, 0.0);
(467583.8, 3670005.9, 0.0, 0.0, 0.0); (467605.4, 3670005.9, 0.0, 0.0, 0.0);
(467627.0, 3670005.9, 0.0, 0.0, 0.0); (467648.6, 3670005.9, 0.0, 0.0, 0.0);
(467670.2, 3670005.9, 0.0, 0.0, 0.0); (467691.8, 3670005.9, 0.0, 0.0, 0.0);
(467713.4, 3670005.9, 0.0, 0.0, 0.0); (467735.0, 3670005.9, 0.0, 0.0, 0.0);
(467756.6, 3670005.9, 0.0, 0.0, 0.0); (467778.2, 3670005.9, 0.0, 0.0, 0.0);
(467799.8, 3670005.9, 0.0, 0.0, 0.0); (467821.4, 3670005.9, 0.0, 0.0, 0.0);
(467843.0, 3670005.9, 0.0, 0.0, 0.0); (467864.6, 3670005.9, 0.0, 0.0, 0.0);
(467886.2, 3670005.9, 0.0, 0.0, 0.0); (467907.8, 3670005.9, 0.0, 0.0, 0.0);
(467929.4, 3670005.9, 0.0, 0.0, 0.0); (467951.0, 3670005.9, 0.0, 0.0, 0.0);
(467972.6, 3670005.9, 0.0, 0.0, 0.0); (467994.2, 3670005.9, 0.0, 0.0, 0.0);
(468015.8, 3670005.9, 0.0, 0.0, 0.0); (468037.4, 3670005.9, 0.0, 0.0, 0.0);
(468059.0, 3670005.9, 0.0, 0.0, 0.0); (468080.6, 3670005.9, 0.0, 0.0, 0.0);
(468102.2, 3670005.9, 0.0, 0.0, 0.0); (468123.8, 3670005.9, 0.0, 0.0, 0.0);
(468145.4, 3670005.9, 0.0, 0.0, 0.0); (468167.0, 3670005.9, 0.0, 0.0, 0.0);
(468188.6, 3670005.9, 0.0, 0.0, 0.0); (468210.2, 3670005.9, 0.0, 0.0, 0.0);
(468231.8, 3670005.9, 0.0, 0.0, 0.0); (468253.4, 3670005.9, 0.0, 0.0, 0.0);
(468275.0, 3670005.9, 0.0, 0.0, 0.0); (468296.6, 3670005.9, 0.0, 0.0, 0.0);
(468318.2, 3670005.9, 0.0, 0.0, 0.0); (468339.8, 3670005.9, 0.0, 0.0, 0.0);
(468361.4, 3670005.9, 0.0, 0.0, 0.0); (468383.0, 3670005.9, 0.0, 0.0, 0.0);
(467519.0, 3670039.3, 0.0, 0.0, 0.0); (467540.6, 3670039.3, 0.0, 0.0, 0.0);
(467562.2, 3670039.3, 0.0, 0.0, 0.0); (467583.8, 3670039.3, 0.0, 0.0, 0.0);
(467605.4, 3670039.3, 0.0, 0.0, 0.0); (467627.0, 3670039.3, 0.0, 0.0, 0.0);
(467648.6, 3670039.3, 0.0, 0.0, 0.0); (467670.2, 3670039.3, 0.0, 0.0, 0.0);
(467691.8, 3670039.3, 0.0, 0.0, 0.0); (467713.4, 3670039.3, 0.0, 0.0, 0.0);
(467735.0, 3670039.3, 0.0, 0.0, 0.0); (467756.6, 3670039.3, 0.0, 0.0, 0.0);
(467778.2, 3670039.3, 0.0, 0.0, 0.0); (467799.8, 3670039.3, 0.0, 0.0, 0.0);
(467821.4, 3670039.3, 0.0, 0.0, 0.0); (467843.0, 3670039.3, 0.0, 0.0, 0.0);
(467864.6, 3670039.3, 0.0, 0.0, 0.0); (467886.2, 3670039.3, 0.0, 0.0, 0.0);
(467907.8, 3670039.3, 0.0, 0.0, 0.0); (467929.4, 3670039.3, 0.0, 0.0, 0.0);
(467951.0, 3670039.3, 0.0, 0.0, 0.0); (467972.6, 3670039.3, 0.0, 0.0, 0.0);
(467994.2, 3670039.3, 0.0, 0.0, 0.0); (468015.8, 3670039.3, 0.0, 0.0, 0.0);
(468037.4, 3670039.3, 0.0, 0.0, 0.0); (468059.0, 3670039.3, 0.0, 0.0, 0.0);
(468080.6, 3670039.3, 0.0, 0.0, 0.0); (468102.2, 3670039.3, 0.0, 0.0, 0.0);
(468123.8, 3670039.3, 0.0, 0.0, 0.0); (468145.4, 3670039.3, 0.0, 0.0, 0.0);
(468167.0, 3670039.3, 0.0, 0.0, 0.0); (468188.6, 3670039.3, 0.0, 0.0, 0.0);
(468210.2, 3670039.3, 0.0, 0.0, 0.0); (468231.8, 3670039.3, 0.0, 0.0, 0.0);
(468253.4, 3670039.3, 0.0, 0.0, 0.0); (468275.0, 3670039.3, 0.0, 0.0, 0.0);
(468296.6, 3670039.3, 0.0, 0.0, 0.0); (468318.2, 3670039.3, 0.0, 0.0, 0.0);
(468339.8, 3670039.3, 0.0, 0.0, 0.0); (468361.4, 3670039.3, 0.0, 0.0, 0.0);
(468383.0, 3670039.3, 0.0, 0.0, 0.0); (467519.0, 3670072.7, 0.0, 0.0, 0.0);
(467540.6, 3670072.7, 0.0, 0.0, 0.0); (467562.2, 3670072.7, 0.0, 0.0, 0.0);
(467583.8, 3670072.7, 0.0, 0.0, 0.0); (467605.4, 3670072.7, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467627.0, 3670072.7, 0.0, 0.0, 0.0); (467648.6, 3670072.7, 0.0, 0.0, 0.0);
(467670.2, 3670072.7, 0.0, 0.0, 0.0); (467691.8, 3670072.7, 0.0, 0.0, 0.0);
(467713.4, 3670072.7, 0.0, 0.0, 0.0); (467735.0, 3670072.7, 0.0, 0.0, 0.0);
(467756.6, 3670072.7, 0.0, 0.0, 0.0); (467778.2, 3670072.7, 0.0, 0.0, 0.0);
(467799.8, 3670072.7, 0.0, 0.0, 0.0); (467821.4, 3670072.7, 0.0, 0.0, 0.0);
(467843.0, 3670072.7, 0.0, 0.0, 0.0); (467864.6, 3670072.7, 0.0, 0.0, 0.0);
(467886.2, 3670072.7, 0.0, 0.0, 0.0); (467907.8, 3670072.7, 0.0, 0.0, 0.0);
(467929.4, 3670072.7, 0.0, 0.0, 0.0); (467951.0, 3670072.7, 0.0, 0.0, 0.0);
(467972.6, 3670072.7, 0.0, 0.0, 0.0); (467994.2, 3670072.7, 0.0, 0.0, 0.0);
(468015.8, 3670072.7, 0.0, 0.0, 0.0); (468037.4, 3670072.7, 0.0, 0.0, 0.0);
(468059.0, 3670072.7, 0.0, 0.0, 0.0); (468080.6, 3670072.7, 0.0, 0.0, 0.0);
(468102.2, 3670072.7, 0.0, 0.0, 0.0); (468123.8, 3670072.7, 0.0, 0.0, 0.0);
(468145.4, 3670072.7, 0.0, 0.0, 0.0); (468167.0, 3670072.7, 0.0, 0.0, 0.0);
(468188.6, 3670072.7, 0.0, 0.0, 0.0); (468210.2, 3670072.7, 0.0, 0.0, 0.0);
(468231.8, 3670072.7, 0.0, 0.0, 0.0); (468253.4, 3670072.7, 0.0, 0.0, 0.0);
(468275.0, 3670072.7, 0.0, 0.0, 0.0); (468296.6, 3670072.7, 0.0, 0.0, 0.0);
(468318.2, 3670072.7, 0.0, 0.0, 0.0); (468339.8, 3670072.7, 0.0, 0.0, 0.0);
(468361.4, 3670072.7, 0.0, 0.0, 0.0); (468383.0, 3670072.7, 0.0, 0.0, 0.0);
(467519.0, 3670106.1, 0.0, 0.0, 0.0); (467540.6, 3670106.1, 0.0, 0.0, 0.0);
(467562.2, 3670106.1, 0.0, 0.0, 0.0); (467583.8, 3670106.1, 0.0, 0.0, 0.0);
(467605.4, 3670106.1, 0.0, 0.0, 0.0); (467627.0, 3670106.1, 0.0, 0.0, 0.0);
(467648.6, 3670106.1, 0.0, 0.0, 0.0); (467670.2, 3670106.1, 0.0, 0.0, 0.0);
(467691.8, 3670106.1, 0.0, 0.0, 0.0); (467713.4, 3670106.1, 0.0, 0.0, 0.0);
(467735.0, 3670106.1, 0.0, 0.0, 0.0); (467756.6, 3670106.1, 0.0, 0.0, 0.0);
(467778.2, 3670106.1, 0.0, 0.0, 0.0); (467799.8, 3670106.1, 0.0, 0.0, 0.0);
(467821.4, 3670106.1, 0.0, 0.0, 0.0); (467843.0, 3670106.1, 0.0, 0.0, 0.0);
(467864.6, 3670106.1, 0.0, 0.0, 0.0); (467886.2, 3670106.1, 0.0, 0.0, 0.0);
(467907.8, 3670106.1, 0.0, 0.0, 0.0); (467929.4, 3670106.1, 0.0, 0.0, 0.0);
(467951.0, 3670106.1, 0.0, 0.0, 0.0); (467972.6, 3670106.1, 0.0, 0.0, 0.0);
(467994.2, 3670106.1, 0.0, 0.0, 0.0); (468015.8, 3670106.1, 0.0, 0.0, 0.0);
(468037.4, 3670106.1, 0.0, 0.0, 0.0); (468059.0, 3670106.1, 0.0, 0.0, 0.0);
(468080.6, 3670106.1, 0.0, 0.0, 0.0); (468102.2, 3670106.1, 0.0, 0.0, 0.0);
(468123.8, 3670106.1, 0.0, 0.0, 0.0); (468145.4, 3670106.1, 0.0, 0.0, 0.0);
(468167.0, 3670106.1, 0.0, 0.0, 0.0); (468188.6, 3670106.1, 0.0, 0.0, 0.0);
(468210.2, 3670106.1, 0.0, 0.0, 0.0); (468231.8, 3670106.1, 0.0, 0.0, 0.0);
(468253.4, 3670106.1, 0.0, 0.0, 0.0); (468275.0, 3670106.1, 0.0, 0.0, 0.0);
(468296.6, 3670106.1, 0.0, 0.0, 0.0); (468318.2, 3670106.1, 0.0, 0.0, 0.0);
(468339.8, 3670106.1, 0.0, 0.0, 0.0); (468361.4, 3670106.1, 0.0, 0.0, 0.0);
(468383.0, 3670106.1, 0.0, 0.0, 0.0); (467519.0, 3670139.5, 0.0, 0.0, 0.0);
(467540.6, 3670139.5, 0.0, 0.0, 0.0); (467562.2, 3670139.5, 0.0, 0.0, 0.0);
(467583.8, 3670139.5, 0.0, 0.0, 0.0); (467605.4, 3670139.5, 0.0, 0.0, 0.0);
(467627.0, 3670139.5, 0.0, 0.0, 0.0); (467648.6, 3670139.5, 0.0, 0.0, 0.0);
(467670.2, 3670139.5, 0.0, 0.0, 0.0); (467691.8, 3670139.5, 0.0, 0.0, 0.0);
(467713.4, 3670139.5, 0.0, 0.0, 0.0); (467735.0, 3670139.5, 0.0, 0.0, 0.0);
(467756.6, 3670139.5, 0.0, 0.0, 0.0); (467778.2, 3670139.5, 0.0, 0.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

(467799.8, 3670139.5, 0.0, 0.0, 0.0); (467821.4, 3670139.5, 0.0, 0.0, 0.0);
(467843.0, 3670139.5, 0.0, 0.0, 0.0); (467864.6, 3670139.5, 0.0, 0.0, 0.0);
(467886.2, 3670139.5, 0.0, 0.0, 0.0); (467907.8, 3670139.5, 0.0, 0.0, 0.0);
(467929.4, 3670139.5, 0.0, 0.0, 0.0); (467951.0, 3670139.5, 0.0, 0.0, 0.0);
(467972.6, 3670139.5, 0.0, 0.0, 0.0); (467994.2, 3670139.5, 0.0, 0.0, 0.0);
(468015.8, 3670139.5, 0.0, 0.0, 0.0); (468037.4, 3670139.5, 0.0, 0.0, 0.0);
(468059.0, 3670139.5, 0.0, 0.0, 0.0); (468080.6, 3670139.5, 0.0, 0.0, 0.0);
(468102.2, 3670139.5, 0.0, 0.0, 0.0); (468123.8, 3670139.5, 0.0, 0.0, 0.0);
(468145.4, 3670139.5, 0.0, 0.0, 0.0); (468167.0, 3670139.5, 0.0, 0.0, 0.0);
(468188.6, 3670139.5, 0.0, 0.0, 0.0); (468210.2, 3670139.5, 0.0, 0.0, 0.0);
(468231.8, 3670139.5, 0.0, 0.0, 0.0); (468253.4, 3670139.5, 0.0, 0.0, 0.0);
(468275.0, 3670139.5, 0.0, 0.0, 0.0); (468296.6, 3670139.5, 0.0, 0.0, 0.0);
(468318.2, 3670139.5, 0.0, 0.0, 0.0); (468339.8, 3670139.5, 0.0, 0.0, 0.0);
(468361.4, 3670139.5, 0.0, 0.0, 0.0); (468383.0, 3670139.5, 0.0, 0.0, 0.0);
(467519.0, 3670172.9, 0.0, 0.0, 0.0); (467540.6, 3670172.9, 0.0, 0.0, 0.0);
(467562.2, 3670172.9, 0.0, 0.0, 0.0); (467583.8, 3670172.9, 0.0, 0.0, 0.0);
(467605.4, 3670172.9, 0.0, 0.0, 0.0); (467627.0, 3670172.9, 0.0, 0.0, 0.0);
(467648.6, 3670172.9, 0.0, 0.0, 0.0); (467670.2, 3670172.9, 0.0, 0.0, 0.0);
(467691.8, 3670172.9, 0.0, 0.0, 0.0); (467713.4, 3670172.9, 0.0, 0.0, 0.0);
(467735.0, 3670172.9, 0.0, 0.0, 0.0); (467756.6, 3670172.9, 0.0, 0.0, 0.0);
(467778.2, 3670172.9, 0.0, 0.0, 0.0); (467799.8, 3670172.9, 0.0, 0.0, 0.0);
(467821.4, 3670172.9, 0.0, 0.0, 0.0); (467843.0, 3670172.9, 0.0, 0.0, 0.0);
(467864.6, 3670172.9, 0.0, 0.0, 0.0); (467886.2, 3670172.9, 0.0, 0.0, 0.0);
(467907.8, 3670172.9, 0.0, 0.0, 0.0); (467929.4, 3670172.9, 0.0, 0.0, 0.0);
(467951.0, 3670172.9, 0.0, 0.0, 0.0); (467972.6, 3670172.9, 0.0, 0.0, 0.0);
(467994.2, 3670172.9, 0.0, 0.0, 0.0); (468015.8, 3670172.9, 0.0, 0.0, 0.0);
(468037.4, 3670172.9, 0.0, 0.0, 0.0); (468059.0, 3670172.9, 0.0, 0.0, 0.0);
(468080.6, 3670172.9, 0.0, 0.0, 0.0); (468102.2, 3670172.9, 0.0, 0.0, 0.0);
(468123.8, 3670172.9, 0.0, 0.0, 0.0); (468145.4, 3670172.9, 0.0, 0.0, 0.0);
(468167.0, 3670172.9, 0.0, 0.0, 0.0); (468188.6, 3670172.9, 0.0, 0.0, 0.0);
(468210.2, 3670172.9, 0.0, 0.0, 0.0); (468231.8, 3670172.9, 0.0, 0.0, 0.0);
(468253.4, 3670172.9, 0.0, 0.0, 0.0); (468275.0, 3670172.9, 0.0, 0.0, 0.0);
(468296.6, 3670172.9, 0.0, 0.0, 0.0); (468318.2, 3670172.9, 0.0, 0.0, 0.0);
(468339.8, 3670172.9, 0.0, 0.0, 0.0); (468361.4, 3670172.9, 0.0, 0.0, 0.0);
(468383.0, 3670172.9, 0.0, 0.0, 0.0); (467519.0, 3670206.3, 0.0, 0.0, 0.0);
(467540.6, 3670206.3, 0.0, 0.0, 0.0); (467562.2, 3670206.3, 0.0, 0.0, 0.0);
(467583.8, 3670206.3, 0.0, 0.0, 0.0); (467605.4, 3670206.3, 0.0, 0.0, 0.0);
(467627.0, 3670206.3, 0.0, 0.0, 0.0); (467648.6, 3670206.3, 0.0, 0.0, 0.0);

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

(467972.6, 3670206.3, 0.0, 0.0, 0.0); (467994.2, 3670206.3, 0.0, 0.0, 0.0);
(468015.8, 3670206.3, 0.0, 0.0, 0.0); (468037.4, 3670206.3, 0.0, 0.0, 0.0);
(468059.0, 3670206.3, 0.0, 0.0, 0.0); (468080.6, 3670206.3, 0.0, 0.0, 0.0);
(468102.2, 3670206.3, 0.0, 0.0, 0.0); (468123.8, 3670206.3, 0.0, 0.0, 0.0);
(468145.4, 3670206.3, 0.0, 0.0, 0.0); (468167.0, 3670206.3, 0.0, 0.0, 0.0);
(468188.6, 3670206.3, 0.0, 0.0, 0.0); (468210.2, 3670206.3, 0.0, 0.0, 0.0);
(468231.8, 3670206.3, 0.0, 0.0, 0.0); (468253.4, 3670206.3, 0.0, 0.0, 0.0);
(468275.0, 3670206.3, 0.0, 0.0, 0.0); (468296.6, 3670206.3, 0.0, 0.0, 0.0);
(468318.2, 3670206.3, 0.0, 0.0, 0.0); (468339.8, 3670206.3, 0.0, 0.0, 0.0);
(468361.4, 3670206.3, 0.0, 0.0, 0.0); (468383.0, 3670206.3, 0.0, 0.0, 0.0);
(467519.0, 3670239.7, 0.0, 0.0, 0.0); (467540.6, 3670239.7, 0.0, 0.0, 0.0);
(467562.2, 3670239.7, 0.0, 0.0, 0.0); (467583.8, 3670239.7, 0.0, 0.0, 0.0);
(467605.4, 3670239.7, 0.0, 0.0, 0.0); (467627.0, 3670239.7, 0.0, 0.0, 0.0);
(467648.6, 3670239.7, 0.0, 0.0, 0.0); (467670.2, 3670239.7, 0.0, 0.0, 0.0);
(467691.8, 3670239.7, 0.0, 0.0, 0.0); (467713.4, 3670239.7, 0.0, 0.0, 0.0);
(467735.0, 3670239.7, 0.0, 0.0, 0.0); (467756.6, 3670239.7, 0.0, 0.0, 0.0);
(467778.2, 3670239.7, 0.0, 0.0, 0.0); (467799.8, 3670239.7, 0.0, 0.0, 0.0);
(467821.4, 3670239.7, 0.0, 0.0, 0.0); (467843.0, 3670239.7, 0.0, 0.0, 0.0);
(467864.6, 3670239.7, 0.0, 0.0, 0.0); (467886.2, 3670239.7, 0.0, 0.0, 0.0);
(467907.8, 3670239.7, 0.0, 0.0, 0.0); (467929.4, 3670239.7, 0.0, 0.0, 0.0);
(467951.0, 3670239.7, 0.0, 0.0, 0.0); (467972.6, 3670239.7, 0.0, 0.0, 0.0);
(467994.2, 3670239.7, 0.0, 0.0, 0.0); (468015.8, 3670239.7, 0.0, 0.0, 0.0);
(468037.4, 3670239.7, 0.0, 0.0, 0.0); (468059.0, 3670239.7, 0.0, 0.0, 0.0);
(468080.6, 3670239.7, 0.0, 0.0, 0.0); (468102.2, 3670239.7, 0.0, 0.0, 0.0);
(468123.8, 3670239.7, 0.0, 0.0, 0.0); (468145.4, 3670239.7, 0.0, 0.0, 0.0);
(468167.0, 3670239.7, 0.0, 0.0, 0.0); (468188.6, 3670239.7, 0.0, 0.0, 0.0);
(468210.2, 3670239.7, 0.0, 0.0, 0.0); (468231.8, 3670239.7, 0.0, 0.0, 0.0);
(468253.4, 3670239.7, 0.0, 0.0, 0.0); (468275.0, 3670239.7, 0.0, 0.0, 0.0);
(468296.6, 3670239.7, 0.0, 0.0, 0.0); (468318.2, 3670239.7, 0.0, 0.0, 0.0);
(468339.8, 3670239.7, 0.0, 0.0, 0.0); (468361.4, 3670239.7, 0.0, 0.0, 0.0);
(468383.0, 3670239.7, 0.0, 0.0, 0.0);

* 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)
TH2CK002	467670.2	3670239.7	-1.60
TH2CK002	467691.8	3670239.7	-23.20
TH2CK002	467713.4	3670239.7	-15.20
TH2CK003	467691.8	3670206.3	-6.22
TH2CK003	467713.4	3670206.3	-22.25
TH2CK003	467735.0	3670206.3	-7.91
TH2CK003	467713.4	3670239.7	-4.28
TH2CK004	467713.4	3670172.9	-7.29
TH2CK004	467735.0	3670172.9	-13.71
TH2CK004	467756.6	3670172.9	0.79
TH2CK004	467713.4	3670206.3	-5.59
TH2CK004	467735.0	3670206.3	-11.41
TH2CK005	467735.0	3670139.5	-4.31
TH2CK005	467756.6	3670139.5	-4.14
TH2CK005	467735.0	3670172.9	-15.43
TH2CK005	467756.6	3670172.9	-15.13
TH2CK006	467735.0	3670139.5	-3.61
TH2CK006	467756.6	3670139.5	-24.81
TH2CK006	467778.2	3670139.5	-12.96
TH2CK007	467756.6	3670106.1	-9.50
TH2CK007	467778.2	3670106.1	-24.40
TH2CK007	467799.8	3670106.1	-6.01
TH2CK007	467778.2	3670139.5	-1.84
TH2CK008	467778.2	3670072.7	-12.32
TH2CK008	467799.8	3670072.7	-14.68
TH2CK008	467778.2	3670106.1	-5.51
TH2CK008	467799.8	3670106.1	-7.15
TH2CK009	467799.8	3670039.3	-9.86
TH2CK009	467821.4	3670039.3	-4.73
TH2CK009	467778.2	3670072.7	0.41
TH2CK009	467799.8	3670072.7	-14.99
TH2CK009	467821.4	3670072.7	-8.59

TH2CK00A	467821.4	3670005.9	-3.53
TH2CK00A	467799.8	3670039.3	-9.09
TH2CK00A	467821.4	3670039.3	-22.75
TH2CK00A	467843.0	3670039.3	-5.48
TH2CK00B	467821.4	3670005.9	-18.20
TH2CK00B	467843.0	3670005.9	-20.20
TH2CK00C	467821.4	3669972.5	-3.59
TH2CK00C	467843.0	3669972.5	-22.37

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
TH2CK00C	467864.6	3669972.5	-11.24
TH2CK00C	467843.0	3670005.9	-2.80
TH2CK00D	467843.0	3669939.1	-9.02
TH2CK00D	467864.6	3669939.1	-16.39
TH2CK00D	467886.2	3669939.1	-0.61
TH2CK00D	467843.0	3669972.5	-3.40
TH2CK00D	467864.6	3669972.5	-8.73
TH2CK00E	467864.6	3669905.7	-9.59
TH2CK00E	467886.2	3669905.7	-6.54
TH2CK00E	467864.6	3669939.1	-13.58
TH2CK00E	467886.2	3669939.1	-9.91
TH2CK00F	467886.2	3669872.3	-4.87
TH2CK00F	467864.6	3669905.7	-8.07
TH2CK00F	467886.2	3669905.7	-21.60
TH2CK00F	467907.8	3669905.7	-5.64
TH2CK00G	467886.2	3669872.3	-18.41
TH2CK00G	467907.8	3669872.3	-19.59
TH2CK00H	467886.2	3669838.9	-5.65
TH2CK00H	467907.8	3669838.9	-25.25
TH2CK00H	467929.4	3669838.9	-10.37
TH2CK00H	467907.8	3669872.3	-0.60
TH2CK00I	467907.8	3669805.5	-11.94
TH2CK00I	467929.4	3669805.5	-17.80
TH2CK00I	467951.0	3669805.5	0.08
TH2CK00I	467907.8	3669838.9	-2.43
TH2CK00I	467929.4	3669838.9	-5.85
TH2CK00J	467929.4	3669772.1	-13.21
TH2CK00J	467951.0	3669772.1	-7.02
TH2CK00J	467929.4	3669805.5	-11.87
TH2CK00J	467951.0	3669805.5	-6.02
TH2CK00K	467929.4	3669738.7	-2.34
TH2CK00K	467951.0	3669738.7	-7.60
TH2CK00K	467929.4	3669772.1	-9.56
TH2CK00K	467951.0	3669772.1	-17.58
TH2CK00K	467972.6	3669772.1	-1.30
TH2CK00L	467951.0	3669705.3	-1.40
TH2CK00L	467929.4	3669738.7	-0.74
TH2CK00L	467951.0	3669738.7	-20.90
TH2CK00L	467972.6	3669738.7	-14.42
TH2CK00M	467951.0	3669705.3	-11.10

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
TH2CK00M	467972.6	3669705.3	-27.30
TH2CK00M	467994.2	3669705.3	-5.70
TH2CK00N	467972.6	3669671.9	-19.15
TH2CK00N	467994.2	3669671.9	-16.18
TH2CK00N	467972.6	3669705.3	-1.03
TH2CK00N	467994.2	3669705.3	0.21
TH2CK00O	467972.6	3669638.5	-6.05
TH2CK00O	467994.2	3669638.5	-18.28
TH2CK00O	468015.8	3669638.5	-4.82
TH2CK00O	467972.6	3669671.9	0.13
TH2CK00O	467994.2	3669671.9	-8.29
TH2CK00P	467994.2	3669605.1	-9.28
TH2CK00P	468015.8	3669605.1	-9.59
TH2CK00P	467994.2	3669638.5	-10.61
TH2CK00P	468015.8	3669638.5	-10.95
TH2CK00Q	468015.8	3669571.7	-6.56
TH2CK00Q	468037.4	3669571.7	0.98
TH2CK00Q	467994.2	3669605.1	-5.01

TH2CK00Q	468015.8	3669605.1	-19.92
TH2CK00Q	468037.4	3669605.1	-7.37
TH2CK00R	468037.4	3669538.3	0.41
TH2CK00R	468015.8	3669571.7	-16.24
TH2CK00R	468037.4	3669571.7	-20.52
TH2CK00R	468059.0	3669571.7	0.39
TH2CK00S	468015.8	3669538.3	-5.05
TH2CK00S	468037.4	3669538.3	-26.33
TH2CK00S	468059.0	3669538.3	-11.63
TH2CK00T	468037.4	3669504.9	-13.18
TH2CK00T	468059.0	3669504.9	-20.15
TH2CK00T	468080.6	3669504.9	-0.94
TH2CK00T	468037.4	3669538.3	0.07
TH2CK00T	468059.0	3669538.3	-3.20
TH2CK00U	468037.4	3669471.5	-0.35
TH2CK00U	468059.0	3669471.5	-15.98
TH2CK00U	468080.6	3669471.5	-8.85
TH2CK00U	468059.0	3669504.9	-9.09
TH2CK00U	468080.6	3669504.9	-3.78
TH2CK00V	468059.0	3669438.1	-4.92
TH2CK00V	468080.6	3669438.1	-10.55
TH2CK00V	468059.0	3669471.5	-7.89

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
TH2CK00V	468080.6	3669471.5	-14.57
TH2CK00V	468102.2	3669471.5	0.34
TH2CK00W	468080.6	3669404.7	-4.53
TH2CK00W	468102.2	3669404.7	-1.19
TH2CK00W	468059.0	3669438.1	-0.46
TH2CK00W	468080.6	3669438.1	-19.00
TH2CK00W	468102.2	3669438.1	-12.61
TH2CK00X	468102.2	3669371.3	0.49
TH2CK00X	468080.6	3669404.7	-11.54
TH2CK00X	468102.2	3669404.7	-25.40
TH2CK00X	468123.8	3669404.7	-4.81
TH2CK00Y	468080.6	3669371.3	-0.19
TH2CK00Y	468102.2	3669371.3	-21.49
TH2CK00Y	468123.8	3669371.3	-16.25
TH2CK00Z	468102.2	3669337.9	-8.40
TH2CK00Z	468123.8	3669337.9	-21.43
TH2CK00Z	468145.4	3669337.9	-5.23
TH2CK00Z	468123.8	3669371.3	-4.94
TH2CK010	468123.8	3669304.5	-12.43
TH2CK010	468145.4	3669304.5	-11.71
TH2CK010	468123.8	3669337.9	-8.35
TH2CK010	468145.4	3669337.9	-7.76
TH2CK011	468123.8	3669271.1	-0.06
TH2CK011	468145.4	3669271.1	-9.79
TH2CK011	468167.0	3669271.1	-0.79
TH2CK011	468123.8	3669304.5	-4.26
TH2CK011	468145.4	3669304.5	-16.79
TH2CK011	468167.0	3669304.5	-5.11
TH2CK012	468145.4	3669237.7	-1.15
TH2CK012	468167.0	3669237.7	-2.45
TH2CK012	468145.4	3669271.1	-15.47
TH2CK012	468167.0	3669271.1	-18.27
TH2CK013	468145.4	3669237.7	-5.55
TH2CK013	468167.0	3669237.7	-26.82
TH2CK013	468188.6	3669237.7	-11.14
TH2CK014	468167.0	3669204.3	-14.56
TH2CK014	468188.6	3669204.3	-21.90
TH2CK014	468210.2	3669204.3	-1.26
TH2CK014	468188.6	3669237.7	-0.21
TH2CK015	468167.0	3669170.9	-1.38

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
TH2CK015	468188.6	3669170.9	-18.51
TH2CK015	468210.2	3669170.9	-10.55
TH2CK015	468188.6	3669204.3	-6.34
TH2CK015	468210.2	3669204.3	-1.61

TH2CK016	468188.6	3669137.5	-6.44
TH2CK016	468210.2	3669137.5	-13.19
TH2CK016	468231.8	3669137.5	0.72
TH2CK016	468188.6	3669170.9	-5.75
TH2CK016	468210.2	3669170.9	-12.22
TH2CK017	468210.2	3669104.1	-6.69
TH2CK017	468231.8	3669104.1	-3.73
TH2CK017	468210.2	3669137.5	-16.49
TH2CK017	468231.8	3669137.5	-11.85
TH2CK018	468231.8	3669070.7	-2.01
TH2CK018	468210.2	3669104.1	-9.84
TH2CK018	468231.8	3669104.1	-24.08
TH2CK018	468253.4	3669104.1	-5.57
TH2CK019	468231.8	3669070.7	-20.50
TH2CK019	468253.4	3669070.7	-17.90
TH2CK01A	468231.8	3669037.3	-7.94
TH2CK01A	468253.4	3669037.3	-23.89
TH2CK01A	468275.0	3669037.3	-7.17
TH2CK01A	468253.4	3669070.7	-2.70
TH2CK01B	468253.4	3669003.9	-13.52
TH2CK01B	468275.0	3669003.9	-14.33
TH2CK01B	468253.4	3669037.3	-5.66
TH2CK01B	468275.0	3669037.3	-6.20
TH2CK01C	468253.4	3668970.5	-0.90
TH2CK01C	468275.0	3668970.5	-12.24
TH2CK01C	468296.6	3668970.5	-3.22
TH2CK01C	468253.4	3669003.9	-2.07
TH2CK01C	468275.0	3669003.9	-14.23
TH2CK01C	468296.6	3669003.9	-4.50
TH2CK01D	468275.0	3668937.1	-3.05
TH2CK01D	468296.6	3668937.1	-5.04
TH2CK01D	468275.0	3668970.5	-13.50
TH2CK01D	468296.6	3668970.5	-17.02
TH2CK01E	468296.6	3668903.7	-0.50
TH2CK01E	468275.0	3668937.1	-4.67
TH2CK01E	468296.6	3668937.1	-24.67

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
TH2CK01E	468318.2	3668937.1	-11.34
TH2CK01F	468296.6	3668903.7	-14.80
TH2CK01F	468318.2	3668903.7	-23.28
TH2CK01F	468339.8	3668903.7	-1.85

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

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

Surface file: C:\USERS\RYAN\ONEDRIVE\LDNONE~1\CI5106~1\22-08P~1\AERMOD\KMA2012V15181.SFC Met Version: 15181
Profile file: C:\USERS\RYAN\ONEDRIVE\LDNONE~1\CI5106~1\22-08P~1\AERMOD\KMA2012V15181.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93107 Upper air station no.: 3190
Name: OVERLANDSURFACESTATION Name: OVERLANDUPPERSTATION
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	-0.5	0.025	-9.000	-9.000	-999.	9.	2.6	0.26	1.32	1.00	0.45	125.	10.0	283.8	10.0
12	01	01	1	02	-2.3	0.053	-9.000	-9.000	-999.	29.	5.8	0.34	1.32	1.00	0.89	334.	10.0	283.8	10.0
12	01	01	1	03	-0.6	0.027	-9.000	-9.000	-999.	11.	3.0	0.38	1.32	1.00	0.45	5.	10.0	285.9	10.0
12	01	01	1	04	-0.5	0.025	-9.000	-9.000	-999.	9.	2.6	0.26	1.32	1.00	0.45	77.	10.0	284.9	10.0
12	01	01	1	05	-0.6	0.027	-9.000	-9.000	-999.	10.	2.9	0.34	1.32	1.00	0.45	336.	10.0	285.4	10.0
12	01	01	1	06	-0.5	0.025	-9.000	-9.000	-999.	10.	2.7	0.29	1.32	1.00	0.45	233.	10.0	284.2	10.0
12	01	01	1	07	-0.5	0.025	-9.000	-9.000	-999.	10.	2.7	0.29	1.32	1.00	0.45	175.	10.0	283.1	10.0
12	01	01	1	08	27.3	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.31	1.32	0.49	0.00	0.	10.0	283.1	10.0
12	01	01	1	09	55.2	0.108	0.487	0.014	75.	85.	-2.0	0.37	1.32	0.29	0.45	329.	10.0	286.4	10.0
12	01	01	1	10	123.3	0.120	0.896	0.007	208.	100.	-1.3	0.37	1.32	0.22	0.45	321.	10.0	291.4	10.0
12	01	01	1	11	169.2	0.295	1.303	0.005	468.	384.	-13.6	0.37	1.32	0.20	1.79	320.	10.0	295.4	10.0
12	01	01	1	12	191.0	0.299	1.625	0.005	805.	392.	-12.5	0.37	1.32	0.19	1.79	310.	10.0	297.0	10.0
12	01	01	1	13	186.3	0.298	1.865	0.005	1245.	391.	-12.7	0.37	1.32	0.19	1.79	307.	10.0	298.8	10.0
12	01	01	1	14	160.2	0.293	1.884	0.005	1493.	381.	-14.1	0.37	1.32	0.20	1.79	305.	10.0	299.9	10.0
12	01	01	1	15	107.4	0.331	1.688	0.005	1601.	456.	-30.0	0.37	1.32	0.23	2.24	305.	10.0	299.2	10.0
12	01	01	1	16	36.1	0.304	1.180	0.005	1627.	403.	-69.5	0.37	1.32	0.32	2.24	300.	10.0	296.4	10.0
12	01	01	1	17	-4.7	0.079	-9.000	-9.000	-999.	139.	9.2	0.33	1.32	0.60	1.34	299.	10.0	294.2	10.0
12	01	01	1	18	-2.2	0.052	-9.000	-9.000	-999.	36.	5.8	0.33	1.32	1.00	0.89	279.	10.0	292.0	10.0
12	01	01	1	19	-0.5	0.025	-9.000	-9.000	-999.	10.	2.6	0.26	1.32	1.00	0.45	63.	10.0	289.9	10.0
12	01	01	1	20	-0.6	0.027	-9.000	-9.000	-999.	11.	3.1	0.38	1.32	1.00	0.45	19.	10.0	288.1	10.0
12	01	01	1	21	-2.2	0.052	-9.000	-9.000	-999.	29.	5.7	0.33	1.32	1.00	0.89	290.	10.0	287.0	10.0
12	01	01	1	22	-2.4	0.054	-9.000	-9.000	-999.	30.	6.0	0.37	1.32	1.00	0.89	329.	10.0	285.4	10.0
12	01	01	1	23	-2.3	0.053	-9.000	-9.000	-999.	29.	5.8	0.34	1.32	1.00	0.89	330.	10.0	284.9	10.0
12	01	01	1	24	-0.6	0.026	-9.000	-9.000	-999.	10.	2.9	0.33	1.32	1.00	0.45	291.	10.0	284.9	10.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.0	1	125.	0.45	283.8	48.0	-99.00	0.27

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

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467519.00	3668903.70	0.01178	467540.60	3668903.70	0.01211
467562.20	3668903.70	0.01247	467583.80	3668903.70	0.01283
467605.40	3668903.70	0.01322	467627.00	3668903.70	0.01363
467648.60	3668903.70	0.01406	467670.20	3668903.70	0.01451
467691.80	3668903.70	0.01499	467713.40	3668903.70	0.01549
467735.00	3668903.70	0.01602	467756.60	3668903.70	0.01659
467778.20	3668903.70	0.01719	467799.80	3668903.70	0.01784
467821.40	3668903.70	0.01852	467843.00	3668903.70	0.01926
467864.60	3668903.70	0.02005	467886.20	3668903.70	0.02091
467907.80	3668903.70	0.02183	467929.40	3668903.70	0.02284
467951.00	3668903.70	0.02393	467972.60	3668903.70	0.02513
467994.20	3668903.70	0.02646	468015.80	3668903.70	0.02793
468037.40	3668903.70	0.02957	468059.00	3668903.70	0.03142
468080.60	3668903.70	0.03352	468102.20	3668903.70	0.03594
468123.80	3668903.70	0.03876	468145.40	3668903.70	0.04210
468167.00	3668903.70	0.04614	468188.60	3668903.70	0.05115
468210.20	3668903.70	0.05759	468231.80	3668903.70	0.06629
468253.40	3668903.70	0.07902	468275.00	3668903.70	0.10070
468296.60	3668903.70	0.05096	468318.20	3668903.70	0.07998
468339.80	3668903.70	0.06638	468361.40	3668903.70	0.07441
468383.00	3668903.70	0.05853	467519.00	3668937.10	0.01222
467540.60	3668937.10	0.01258	467562.20	3668937.10	0.01296
467583.80	3668937.10	0.01336	467605.40	3668937.10	0.01377
467627.00	3668937.10	0.01422	467648.60	3668937.10	0.01468
467670.20	3668937.10	0.01517	467691.80	3668937.10	0.01569
467713.40	3668937.10	0.01625	467735.00	3668937.10	0.01683
467756.60	3668937.10	0.01746	467778.20	3668937.10	0.01812
467799.80	3668937.10	0.01884	467821.40	3668937.10	0.01960
467843.00	3668937.10	0.02043	467864.60	3668937.10	0.02132
467886.20	3668937.10	0.02228	467907.80	3668937.10	0.02333
467929.40	3668937.10	0.02448	467951.00	3668937.10	0.02574
467972.60	3668937.10	0.02714	467994.20	3668937.10	0.02869
468015.80	3668937.10	0.03042	468037.40	3668937.10	0.03238
468059.00	3668937.10	0.03462	468080.60	3668937.10	0.03720
468102.20	3668937.10	0.04021	468123.80	3668937.10	0.04379
468145.40	3668937.10	0.04812	468167.00	3668937.10	0.05352
468188.60	3668937.10	0.06046	468210.20	3668937.10	0.06981
468231.80	3668937.10	0.08329	468253.40	3668937.10	0.10506
468275.00	3668937.10	0.07074	468296.60	3668937.10	0.07779
468318.20	3668937.10	0.10502	468339.80	3668937.10	0.10622

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468361.40	3668937.10	0.07798	468383.00	3668937.10	0.06184
467519.00	3668970.50	0.01266	467540.60	3668970.50	0.01305
467562.20	3668970.50	0.01345	467583.80	3668970.50	0.01388
467605.40	3668970.50	0.01433	467627.00	3668970.50	0.01481
467648.60	3668970.50	0.01531	467670.20	3668970.50	0.01584
467691.80	3668970.50	0.01641	467713.40	3668970.50	0.01701
467735.00	3668970.50	0.01765	467756.60	3668970.50	0.01834
467778.20	3668970.50	0.01907	467799.80	3668970.50	0.01986
467821.40	3668970.50	0.02070	467843.00	3668970.50	0.02162
467864.60	3668970.50	0.02261	467886.20	3668970.50	0.02369
467907.80	3668970.50	0.02487	467929.40	3668970.50	0.02617
467951.00	3668970.50	0.02761	467972.60	3668970.50	0.02920
467994.20	3668970.50	0.03099	468015.80	3668970.50	0.03300
468037.40	3668970.50	0.03529	468059.00	3668970.50	0.03794
468080.60	3668970.50	0.04102	468102.20	3668970.50	0.04466
468123.80	3668970.50	0.04907	468145.40	3668970.50	0.05451
468167.00	3668970.50	0.06144	468188.60	3668970.50	0.07062
468210.20	3668970.50	0.08348	468231.80	3668970.50	0.10311
468253.40	3668970.50	0.10325	468275.00	3668970.50	0.08576
468296.60	3668970.50	0.08710	468318.20	3668970.50	0.13404
468339.80	3668970.50	0.09683	468361.40	3668970.50	0.07552
468383.00	3668970.50	0.06167	467519.00	3669003.90	0.01311
467540.60	3669003.90	0.01352	467562.20	3669003.90	0.01396
467583.80	3669003.90	0.01441	467605.40	3669003.90	0.01490
467627.00	3669003.90	0.01541	467648.60	3669003.90	0.01595
467670.20	3669003.90	0.01653	467691.80	3669003.90	0.01714
467713.40	3669003.90	0.01779	467735.00	3669003.90	0.01849
467756.60	3669003.90	0.01923	467778.20	3669003.90	0.02003
467799.80	3669003.90	0.02090	467821.40	3669003.90	0.02183
467843.00	3669003.90	0.02284	467864.60	3669003.90	0.02393
467886.20	3669003.90	0.02513	467907.80	3669003.90	0.02645
467929.40	3669003.90	0.02791	467951.00	3669003.90	0.02952
467972.60	3669003.90	0.03132	467994.20	3669003.90	0.03336
468015.80	3669003.90	0.03567	468037.40	3669003.90	0.03832
468059.00	3669003.90	0.04141	468080.60	3669003.90	0.04504
468102.20	3669003.90	0.04940	468123.80	3669003.90	0.05475
468145.40	3669003.90	0.06147	468167.00	3669003.90	0.07022
468188.60	3669003.90	0.08215	468210.20	3669003.90	0.09956
468231.80	3669003.90	0.12846	468253.40	3669003.90	0.09182
468275.00	3669003.90	0.09433	468296.60	3669003.90	0.12147

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468318.20	3669003.90	0.11391	468339.80	3669003.90	0.08817
468361.40	3669003.90	0.07158	468383.00	3669003.90	0.05996
467519.00	3669037.30	0.01356	467540.60	3669037.30	0.01400
467562.20	3669037.30	0.01446	467583.80	3669037.30	0.01495
467605.40	3669037.30	0.01547	467627.00	3669037.30	0.01602
467648.60	3669037.30	0.01660	467670.20	3669037.30	0.01722
467691.80	3669037.30	0.01788	467713.40	3669037.30	0.01858
467735.00	3669037.30	0.01933	467756.60	3669037.30	0.02014
467778.20	3669037.30	0.02101	467799.80	3669037.30	0.02195
467821.40	3669037.30	0.02297	467843.00	3669037.30	0.02408
467864.60	3669037.30	0.02529	467886.20	3669037.30	0.02661
467907.80	3669037.30	0.02807	467929.40	3669037.30	0.02969
467951.00	3669037.30	0.03150	467972.60	3669037.30	0.03353
467994.20	3669037.30	0.03583	468015.80	3669037.30	0.03847
468037.40	3669037.30	0.04152	468059.00	3669037.30	0.04510
468080.60	3669037.30	0.04937	468102.20	3669037.30	0.05455
468123.80	3669037.30	0.06098	468145.40	3669037.30	0.06922
468167.00	3669037.30	0.08020	468188.60	3669037.30	0.09570

468210.20	3669037.30	0.11983	468231.80	3669037.30	0.11873
468253.40	3669037.30	0.10291	468275.00	3669037.30	0.09632
468296.60	3669037.30	0.13088	468318.20	3669037.30	0.10000
468339.80	3669037.30	0.08079	468361.40	3669037.30	0.06746
468383.00	3669037.30	0.05765	467519.00	3669070.70	0.01401
467540.60	3669070.70	0.01448	467562.20	3669070.70	0.01497
467583.80	3669070.70	0.01549	467605.40	3669070.70	0.01605
467627.00	3669070.70	0.01663	467648.60	3669070.70	0.01725
467670.20	3669070.70	0.01792	467691.80	3669070.70	0.01862
467713.40	3669070.70	0.01938	467735.00	3669070.70	0.02019
467756.60	3669070.70	0.02107	467778.20	3669070.70	0.02201
467799.80	3669070.70	0.02303	467821.40	3669070.70	0.02414
467843.00	3669070.70	0.02535	467864.60	3669070.70	0.02667
467886.20	3669070.70	0.02813	467907.80	3669070.70	0.02974
467929.40	3669070.70	0.03154	467951.00	3669070.70	0.03356
467972.60	3669070.70	0.03584	467994.20	3669070.70	0.03844
468015.80	3669070.70	0.04144	468037.40	3669070.70	0.04494
468059.00	3669070.70	0.04909	468080.60	3669070.70	0.05407
468102.20	3669070.70	0.06019	468123.80	3669070.70	0.06791
468145.40	3669070.70	0.07801	468167.00	3669070.70	0.09188
468188.60	3669070.70	0.11250	468210.20	3669070.70	0.14830
468231.80	3669070.70	0.10176	468253.40	3669070.70	0.10726

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468275.00	3669070.70	0.14955	468296.60	3669070.70	0.11184
468318.20	3669070.70	0.08959	468339.80	3669070.70	0.07453
468361.40	3669070.70	0.06355	468383.00	3669070.70	0.05517
467519.00	3669104.10	0.01447	467540.60	3669104.10	0.01496
467562.20	3669104.10	0.01549	467583.80	3669104.10	0.01604
467605.40	3669104.10	0.01663	467627.00	3669104.10	0.01725
467648.60	3669104.10	0.01791	467670.20	3669104.10	0.01862
467691.80	3669104.10	0.01938	467713.40	3669104.10	0.02019
467735.00	3669104.10	0.02107	467756.60	3669104.10	0.02201
467778.20	3669104.10	0.02303	467799.80	3669104.10	0.02413
467821.40	3669104.10	0.02534	467843.00	3669104.10	0.02665
467864.60	3669104.10	0.02810	467886.20	3669104.10	0.02971
467907.80	3669104.10	0.03149	467929.40	3669104.10	0.03348
467951.00	3669104.10	0.03573	467972.60	3669104.10	0.03829
467994.20	3669104.10	0.04123	468015.80	3669104.10	0.04463
468037.40	3669104.10	0.04863	468059.00	3669104.10	0.05341
468080.60	3669104.10	0.05922	468102.20	3669104.10	0.06647
468123.80	3669104.10	0.07579	468145.40	3669104.10	0.08831
468167.00	3669104.10	0.10628	468188.60	3669104.10	0.13538
468210.20	3669104.10	0.09731	468231.80	3669104.10	0.10523
468253.40	3669104.10	0.12718	468275.00	3669104.10	0.12448
468296.60	3669104.10	0.09840	468318.20	3669104.10	0.08137
468339.80	3669104.10	0.06918	468361.40	3669104.10	0.05995
468383.00	3669104.10	0.05271	467519.00	3669137.50	0.01493
467540.60	3669137.50	0.01545	467562.20	3669137.50	0.01600
467583.80	3669137.50	0.01659	467605.40	3669137.50	0.01721
467627.00	3669137.50	0.01787	467648.60	3669137.50	0.01858
467670.20	3669137.50	0.01934	467691.80	3669137.50	0.02015
467713.40	3669137.50	0.02102	467735.00	3669137.50	0.02196
467756.60	3669137.50	0.02297	467778.20	3669137.50	0.02407
467799.80	3669137.50	0.02527	467821.40	3669137.50	0.02658
467843.00	3669137.50	0.02801	467864.60	3669137.50	0.02960
467886.20	3669137.50	0.03136	467907.80	3669137.50	0.03333
467929.40	3669137.50	0.03553	467951.00	3669137.50	0.03804
467972.60	3669137.50	0.04090	467994.20	3669137.50	0.04420
468015.80	3669137.50	0.04805	468037.40	3669137.50	0.05262
468059.00	3669137.50	0.05814	468080.60	3669137.50	0.06494
468102.20	3669137.50	0.07358	468123.80	3669137.50	0.08496
468145.40	3669137.50	0.10085	468167.00	3669137.50	0.12532
468188.60	3669137.50	0.12671	468210.20	3669137.50	0.10387

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468231.80	3669137.50	0.10279	468253.40	3669137.50	0.13863
468275.00	3669137.50	0.10755	468296.60	3669137.50	0.08819
468318.20	3669137.50	0.07465	468339.80	3669137.50	0.06454
468361.40	3669137.50	0.05666	468383.00	3669137.50	0.05034
467519.00	3669170.90	0.01538	467540.60	3669170.90	0.01593
467562.20	3669170.90	0.01652	467583.80	3669170.90	0.01714
467605.40	3669170.90	0.01780	467627.00	3669170.90	0.01850
467648.60	3669170.90	0.01926	467670.20	3669170.90	0.02006
467691.80	3669170.90	0.02093	467713.40	3669170.90	0.02186
467735.00	3669170.90	0.02287	467756.60	3669170.90	0.02396
467778.20	3669170.90	0.02515	467799.80	3669170.90	0.02645
467821.40	3669170.90	0.02787	467843.00	3669170.90	0.02943
467864.60	3669170.90	0.03117	467886.20	3669170.90	0.03310
467907.80	3669170.90	0.03526	467929.40	3669170.90	0.03770
467951.00	3669170.90	0.04048	467972.60	3669170.90	0.04367
467994.20	3669170.90	0.04738	468015.80	3669170.90	0.05175
468037.40	3669170.90	0.05698	468059.00	3669170.90	0.06338
468080.60	3669170.90	0.07139	468102.20	3669170.90	0.08180
468123.80	3669170.90	0.09600	468145.40	3669170.90	0.11697
468167.00	3669170.90	0.11723	468188.60	3669170.90	0.10631
468210.20	3669170.90	0.10570	468231.80	3669170.90	0.15515
468253.40	3669170.90	0.11742	468275.00	3669170.90	0.09520
468296.60	3669170.90	0.08010	468318.20	3669170.90	0.06903
468339.80	3669170.90	0.06048	468361.40	3669170.90	0.05367
468383.00	3669170.90	0.04809	467519.00	3669204.30	0.01584
467540.60	3669204.30	0.01642	467562.20	3669204.30	0.01704
467583.80	3669204.30	0.01770	467605.40	3669204.30	0.01840
467627.00	3669204.30	0.01915	467648.60	3669204.30	0.01995
467670.20	3669204.30	0.02081	467691.80	3669204.30	0.02174
467713.40	3669204.30	0.02273	467735.00	3669204.30	0.02382
467756.60	3669204.30	0.02499	467778.20	3669204.30	0.02627
467799.80	3669204.30	0.02767	467821.40	3669204.30	0.02921
467843.00	3669204.30	0.03092	467864.60	3669204.30	0.03281
467886.20	3669204.30	0.03492	467907.80	3669204.30	0.03729
467929.40	3669204.30	0.03999	467951.00	3669204.30	0.04307
467972.60	3669204.30	0.04663	467994.20	3669204.30	0.05081
468015.80	3669204.30	0.05578	468037.40	3669204.30	0.06180
468059.00	3669204.30	0.06927	468080.60	3669204.30	0.07882
468102.20	3669204.30	0.09160	468123.80	3669204.30	0.10988
468145.40	3669204.30	0.13945	468167.00	3669204.30	0.13589

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468188.60	3669204.30	0.11215	468210.20	3669204.30	0.10261
468231.80	3669204.30	0.12848	468253.40	3669204.30	0.10262
468275.00	3669204.30	0.08568	468296.60	3669204.30	0.07350
468318.20	3669204.30	0.06424	468339.80	3669204.30	0.05690
468361.40	3669204.30	0.05094	468383.00	3669204.30	0.04599
467519.00	3669237.70	0.01630	467540.60	3669237.70	0.01692
467562.20	3669237.70	0.01757	467583.80	3669237.70	0.01827
467605.40	3669237.70	0.01901	467627.00	3669237.70	0.01981
467648.60	3669237.70	0.02066	467670.20	3669237.70	0.02158
467691.80	3669237.70	0.02257	467713.40	3669237.70	0.02363
467735.00	3669237.70	0.02479	467756.60	3669237.70	0.02606
467778.20	3669237.70	0.02744	467799.80	3669237.70	0.02895
467821.40	3669237.70	0.03062	467843.00	3669237.70	0.03246
467864.60	3669237.70	0.03452	467886.20	3669237.70	0.03683
467907.80	3669237.70	0.03944	467929.40	3669237.70	0.04242
467951.00	3669237.70	0.04584	467972.60	3669237.70	0.04983
467994.20	3669237.70	0.05455	468015.80	3669237.70	0.06022
468037.40	3669237.70	0.06719	468059.00	3669237.70	0.07601
468080.60	3669237.70	0.08759	468102.20	3669237.70	0.10371
468123.80	3669237.70	0.12849	468145.40	3669237.70	0.09851
468167.00	3669237.70	0.11110	468188.60	3669237.70	0.11109
468210.20	3669237.70	0.14135	468231.80	3669237.70	0.11070
468253.40	3669237.70	0.09152	468275.00	3669237.70	0.07807
468296.60	3669237.70	0.06798	468318.20	3669237.70	0.06009
468339.80	3669237.70	0.05372	468361.40	3669237.70	0.04845
468383.00	3669237.70	0.04402	467519.00	3669271.10	0.01677
467540.60	3669271.10	0.01742	467562.20	3669271.10	0.01811
467583.80	3669271.10	0.01885	467605.40	3669271.10	0.01964
467627.00	3669271.10	0.02048	467648.60	3669271.10	0.02139
467670.20	3669271.10	0.02237	467691.80	3669271.10	0.02342
467713.40	3669271.10	0.02456	467735.00	3669271.10	0.02581

467756.60	3669271.10	0.02716	467778.20	3669271.10	0.02864
467799.80	3669271.10	0.03028	467821.40	3669271.10	0.03208
467843.00	3669271.10	0.03408	467864.60	3669271.10	0.03633
467886.20	3669271.10	0.03885	467907.80	3669271.10	0.04172
467929.40	3669271.10	0.04501	467951.00	3669271.10	0.04883
467972.60	3669271.10	0.05331	467994.20	3669271.10	0.05866
468015.80	3669271.10	0.06519	468037.40	3669271.10	0.07334
468059.00	3669271.10	0.08390	468080.60	3669271.10	0.09827
468102.20	3669271.10	0.11948	468123.80	3669271.10	0.12242

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468145.40	3669271.10	0.10568	468167.00	3669271.10	0.10976
468188.60	3669271.10	0.15705	468210.20	3669271.10	0.11975
468231.80	3669271.10	0.09777	468253.40	3669271.10	0.08281
468275.00	3669271.10	0.07180	468296.60	3669271.10	0.06328
468318.20	3669271.10	0.05647	468339.80	3669271.10	0.05087
468361.40	3669271.10	0.04617	468383.00	3669271.10	0.04218
467519.00	3669304.50	0.01725	467540.60	3669304.50	0.01794
467562.20	3669304.50	0.01867	467583.80	3669304.50	0.01944
467605.40	3669304.50	0.02028	467627.00	3669304.50	0.02118
467648.60	3669304.50	0.02214	467670.20	3669304.50	0.02318
467691.80	3669304.50	0.02430	467713.40	3669304.50	0.02552
467735.00	3669304.50	0.02685	467756.60	3669304.50	0.02830
467778.20	3669304.50	0.02990	467799.80	3669304.50	0.03166
467821.40	3669304.50	0.03361	467843.00	3669304.50	0.03578
467864.60	3669304.50	0.03822	467886.20	3669304.50	0.04099
467907.80	3669304.50	0.04415	467929.40	3669304.50	0.04779
467951.00	3669304.50	0.05206	467972.60	3669304.50	0.05712
467994.20	3669304.50	0.06323	468015.80	3669304.50	0.07080
468037.40	3669304.50	0.08047	468059.00	3669304.50	0.09338
468080.60	3669304.50	0.11184	468102.20	3669304.50	0.14183
468123.80	3669304.50	0.10461	468145.40	3669304.50	0.10893
468167.00	3669304.50	0.13549	468188.60	3669304.50	0.13022
468210.20	3669304.50	0.10462	468231.80	3669304.50	0.08783
468253.40	3669304.50	0.07575	468275.00	3669304.50	0.06653
468296.60	3669304.50	0.05922	468318.20	3669304.50	0.05326
468339.80	3669304.50	0.04829	468361.40	3669304.50	0.04408
468383.00	3669304.50	0.04046	467519.00	3669337.90	0.01774
467540.60	3669337.90	0.01846	467562.20	3669337.90	0.01923
467583.80	3669337.90	0.02005	467605.40	3669337.90	0.02094
467627.00	3669337.90	0.02189	467648.60	3669337.90	0.02291
467670.20	3669337.90	0.02401	467691.80	3669337.90	0.02521
467713.40	3669337.90	0.02651	467735.00	3669337.90	0.02793
467756.60	3669337.90	0.02949	467778.20	3669337.90	0.03120
467799.80	3669337.90	0.03310	467821.40	3669337.90	0.03521
467843.00	3669337.90	0.03757	467864.60	3669337.90	0.04023
467886.20	3669337.90	0.04327	467907.80	3669337.90	0.04675
467929.40	3669337.90	0.05080	467951.00	3669337.90	0.05558
467972.60	3669337.90	0.06132	467994.20	3669337.90	0.06836
468015.80	3669337.90	0.07723	468037.40	3669337.90	0.08889
468059.00	3669337.90	0.10512	468080.60	3669337.90	0.13009

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468102.20	3669337.90	0.12911	468123.80	3669337.90	0.11184
468145.40	3669337.90	0.10727	468167.00	3669337.90	0.14273
468188.60	3669337.90	0.11230	468210.20	3669337.90	0.09327
468231.80	3669337.90	0.07990	468253.40	3669337.90	0.06988
468275.00	3669337.90	0.06202	468296.60	3669337.90	0.05566
468318.20	3669337.90	0.05040	468339.80	3669337.90	0.04595
468361.40	3669337.90	0.04215	468383.00	3669337.90	0.03885
467519.00	3669371.30	0.01824	467540.60	3669371.30	0.01900
467562.20	3669371.30	0.01981	467583.80	3669371.30	0.02068

467605.40	3669371.30	0.02161	467627.00	3669371.30	0.02262
467648.60	3669371.30	0.02370	467670.20	3669371.30	0.02487
467691.80	3669371.30	0.02615	467713.40	3669371.30	0.02754
467735.00	3669371.30	0.02906	467756.60	3669371.30	0.03072
467778.20	3669371.30	0.03256	467799.80	3669371.30	0.03461
467821.40	3669371.30	0.03689	467843.00	3669371.30	0.03946
467864.60	3669371.30	0.04237	467886.20	3669371.30	0.04571
467907.80	3669371.30	0.04956	467929.40	3669371.30	0.05409
467951.00	3669371.30	0.05947	467972.60	3669371.30	0.06602
467994.20	3669371.30	0.07419	468015.80	3669371.30	0.08476
468037.40	3669371.30	0.09912	468059.00	3669371.30	0.12030
468080.60	3669371.30	0.12288	468102.20	3669371.30	0.11263
468123.80	3669371.30	0.11374	468145.40	3669371.30	0.15812
468167.00	3669371.30	0.12117	468188.60	3669371.30	0.09928
468210.20	3669371.30	0.08437	468231.80	3669371.30	0.07340
468253.40	3669371.30	0.06491	468275.00	3669371.30	0.05811
468296.60	3669371.30	0.05251	468318.20	3669371.30	0.04782
468339.80	3669371.30	0.04381	468361.40	3669371.30	0.04035
468383.00	3669371.30	0.03733	467519.00	3669404.70	0.01874
467540.60	3669404.70	0.01954	467562.20	3669404.70	0.02040
467583.80	3669404.70	0.02131	467605.40	3669404.70	0.02230
467627.00	3669404.70	0.02336	467648.60	3669404.70	0.02451
467670.20	3669404.70	0.02576	467691.80	3669404.70	0.02712
467713.40	3669404.70	0.02860	467735.00	3669404.70	0.03022
467756.60	3669404.70	0.03201	467778.20	3669404.70	0.03399
467799.80	3669404.70	0.03620	467821.40	3669404.70	0.03868
467843.00	3669404.70	0.04147	467864.60	3669404.70	0.04466
467886.20	3669404.70	0.04834	467907.80	3669404.70	0.05262
467929.40	3669404.70	0.05769	467951.00	3669404.70	0.06381
467972.60	3669404.70	0.07136	467994.20	3669404.70	0.08098
468015.80	3669404.70	0.09379	468037.40	3669404.70	0.11205

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468059.00	3669404.70	0.14143	468080.60	3669404.70	0.10427
468102.20	3669404.70	0.11408	468123.80	3669404.70	0.13443
468145.40	3669404.70	0.13186	468167.00	3669404.70	0.10611
468188.60	3669404.70	0.08927	468210.20	3669404.70	0.07716
468231.80	3669404.70	0.06794	468253.40	3669404.70	0.06063
468275.00	3669404.70	0.05467	468296.60	3669404.70	0.04969
468318.20	3669404.70	0.04547	468339.80	3669404.70	0.04184
468361.40	3669404.70	0.03868	468383.00	3669404.70	0.03590
467519.00	3669438.10	0.01925	467540.60	3669438.10	0.02009
467562.20	3669438.10	0.02100	467583.80	3669438.10	0.02196
467605.40	3669438.10	0.02301	467627.00	3669438.10	0.02413
467648.60	3669438.10	0.02535	467670.20	3669438.10	0.02667
467691.80	3669438.10	0.02812	467713.40	3669438.10	0.02970
467735.00	3669438.10	0.03144	467756.60	3669438.10	0.03336
467778.20	3669438.10	0.03550	467799.80	3669438.10	0.03788
467821.40	3669438.10	0.04057	467843.00	3669438.10	0.04363
467864.60	3669438.10	0.04713	467886.20	3669438.10	0.05120
467907.80	3669438.10	0.05598	467929.40	3669438.10	0.06170
467951.00	3669438.10	0.06870	467972.60	3669438.10	0.07751
467994.20	3669438.10	0.08903	468015.80	3669438.10	0.10500
468037.40	3669438.10	0.12940	468059.00	3669438.10	0.10056
468080.60	3669438.10	0.10928	468102.20	3669438.10	0.14473
468123.80	3669438.10	0.14510	468145.40	3669438.10	0.11400
468167.00	3669438.10	0.09470	468188.60	3669438.10	0.08122
468210.20	3669438.10	0.07114	468231.80	3669438.10	0.06325
468253.40	3669438.10	0.05687	468275.00	3669438.10	0.05159
468296.60	3669438.10	0.04714	468318.20	3669438.10	0.04333
468339.80	3669438.10	0.04002	468361.40	3669438.10	0.03712
468383.00	3669438.10	0.03455	467519.00	3669471.50	0.01977
467540.60	3669471.50	0.02066	467562.20	3669471.50	0.02160
467583.80	3669471.50	0.02263	467605.40	3669471.50	0.02373
467627.00	3669471.50	0.02492	467648.60	3669471.50	0.02621
467670.20	3669471.50	0.02762	467691.80	3669471.50	0.02916
467713.40	3669471.50	0.03085	467735.00	3669471.50	0.03271
467756.60	3669471.50	0.03478	467778.20	3669471.50	0.03709
467799.80	3669471.50	0.03967	467821.40	3669471.50	0.04260
467843.00	3669471.50	0.04595	467864.60	3669471.50	0.04982
467886.20	3669471.50	0.05434	467907.80	3669471.50	0.05971
467929.40	3669471.50	0.06622	467951.00	3669471.50	0.07432
467972.60	3669471.50	0.08475	467994.20	3669471.50	0.09887

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468015.80	3669471.50	0.11955	468037.40	3669471.50	0.12020
468059.00	3669471.50	0.10845	468080.60	3669471.50	0.10987
468102.20	3669471.50	0.12961	468123.80	3669471.50	0.12321
468145.40	3669471.50	0.10080	468167.00	3669471.50	0.08565
468188.60	3669471.50	0.07455	468210.20	3669471.50	0.06600
468231.80	3669471.50	0.05916	468253.40	3669471.50	0.05354
468275.00	3669471.50	0.04883	468296.60	3669471.50	0.04481
468318.20	3669471.50	0.04134	468339.80	3669471.50	0.03831
468361.40	3669471.50	0.03564	468383.00	3669471.50	0.03327
467519.00	3669504.90	0.02030	467540.60	3669504.90	0.02123
467562.20	3669504.90	0.02223	467583.80	3669504.90	0.02330
467605.40	3669504.90	0.02447	467627.00	3669504.90	0.02573
467648.60	3669504.90	0.02710	467670.20	3669504.90	0.02860
467691.80	3669504.90	0.03024	467713.40	3669504.90	0.03205
467735.00	3669504.90	0.03405	467756.60	3669504.90	0.03628
467778.20	3669504.90	0.03877	467799.80	3669504.90	0.04159
467821.40	3669504.90	0.04479	467843.00	3669504.90	0.04847
467864.60	3669504.90	0.05275	467886.20	3669504.90	0.05781
467907.80	3669504.90	0.06390	467929.40	3669504.90	0.07139
467951.00	3669504.90	0.08090	467972.60	3669504.90	0.09352
467994.20	3669504.90	0.11139	468015.80	3669504.90	0.13991
468037.40	3669504.90	0.13684	468059.00	3669504.90	0.11332
468080.60	3669504.90	0.10614	468102.20	3669504.90	0.13422
468123.80	3669504.90	0.10770	468145.40	3669504.90	0.09051
468167.00	3669504.90	0.07822	468188.60	3669504.90	0.06890
468210.20	3669504.90	0.06153	468231.80	3669504.90	0.05553
468253.40	3669504.90	0.05054	468275.00	3669504.90	0.04631
468296.60	3669504.90	0.04267	468318.20	3669504.90	0.03950
468339.80	3669504.90	0.03671	468361.40	3669504.90	0.03425
468383.00	3669504.90	0.03204	467519.00	3669538.30	0.02083
467540.60	3669538.30	0.02181	467562.20	3669538.30	0.02286
467583.80	3669538.30	0.02400	467605.40	3669538.30	0.02523
467627.00	3669538.30	0.02657	467648.60	3669538.30	0.02803
467670.20	3669538.30	0.02962	467691.80	3669538.30	0.03138
467713.40	3669538.30	0.03332	467735.00	3669538.30	0.03547
467756.60	3669538.30	0.03787	467778.20	3669538.30	0.04057
467799.80	3669538.30	0.04364	467821.40	3669538.30	0.04715
467843.00	3669538.30	0.05122	467864.60	3669538.30	0.05600
467886.20	3669538.30	0.06170	467907.80	3669538.30	0.06866
467929.40	3669538.30	0.07740	467951.00	3669538.30	0.08880

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467972.60	3669538.30	0.10452	467994.20	3669538.30	0.12833
468015.80	3669538.30	0.13074	468037.40	3669538.30	0.08719
468059.00	3669538.30	0.11252	468080.60	3669538.30	0.14755
468102.20	3669538.30	0.11556	468123.80	3669538.30	0.09586
468145.40	3669538.30	0.08216	468167.00	3669538.30	0.07196
468188.60	3669538.30	0.06400	468210.20	3669538.30	0.05759
468231.80	3669538.30	0.05229	468253.40	3669538.30	0.04782
468275.00	3669538.30	0.04399	468296.60	3669538.30	0.04068
468318.20	3669538.30	0.03777	468339.80	3669538.30	0.03521
468361.40	3669538.30	0.03292	468383.00	3669538.30	0.03087
467519.00	3669571.70	0.02137	467540.60	3669571.70	0.02240
467562.20	3669571.70	0.02351	467583.80	3669571.70	0.02471
467605.40	3669571.70	0.02601	467627.00	3669571.70	0.02743
467648.60	3669571.70	0.02899	467670.20	3669571.70	0.03069
467691.80	3669571.70	0.03257	467713.40	3669571.70	0.03465
467735.00	3669571.70	0.03696	467756.60	3669571.70	0.03956
467778.20	3669571.70	0.04250	467799.80	3669571.70	0.04586
467821.40	3669571.70	0.04973	467843.00	3669571.70	0.05425
467864.60	3669571.70	0.05961	467886.20	3669571.70	0.06610
467907.80	3669571.70	0.07417	467929.40	3669571.70	0.08453
467951.00	3669571.70	0.09853	467972.60	3669571.70	0.11894
467994.20	3669571.70	0.15339	468015.80	3669571.70	0.10759

468037.40	3669571.70	0.11435	468059.00	3669571.70	0.12893
468080.60	3669571.70	0.12461	468102.20	3669571.70	0.10179
468123.80	3669571.70	0.08643	468145.40	3669571.70	0.07522
468167.00	3669571.70	0.06660	468188.60	3669571.70	0.05972
468210.20	3669571.70	0.05408	468231.80	3669571.70	0.04935
468253.40	3669571.70	0.04533	468275.00	3669571.70	0.04186
468296.60	3669571.70	0.03883	468318.20	3669571.70	0.03615
468339.80	3669571.70	0.03378	468361.40	3669571.70	0.03165
468383.00	3669571.70	0.02974	467519.00	3669605.10	0.02192
467540.60	3669605.10	0.02300	467562.20	3669605.10	0.02417
467583.80	3669605.10	0.02544	467605.40	3669605.10	0.02682
467627.00	3669605.10	0.02833	467648.60	3669605.10	0.02998
467670.20	3669605.10	0.03180	467691.80	3669605.10	0.03381
467713.40	3669605.10	0.03605	467735.00	3669605.10	0.03855
467756.60	3669605.10	0.04138	467778.20	3669605.10	0.04459
467799.80	3669605.10	0.04827	467821.40	3669605.10	0.05255
467843.00	3669605.10	0.05761	467864.60	3669605.10	0.06368
467886.20	3669605.10	0.07115	467907.80	3669605.10	0.08063

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467929.40	3669605.10	0.09319	467951.00	3669605.10	0.11096
467972.60	3669605.10	0.13926	467994.20	3669605.10	0.10406
468015.80	3669605.10	0.11061	468037.40	3669605.10	0.13837
468059.00	3669605.10	0.13531	468080.60	3669605.10	0.10843
468102.20	3669605.10	0.09108	468123.80	3669605.10	0.07870
468145.40	3669605.10	0.06932	468167.00	3669605.10	0.06193
468188.60	3669605.10	0.05591	468210.20	3669605.10	0.05091
468231.80	3669605.10	0.04668	468253.40	3669605.10	0.04304
468275.00	3669605.10	0.03987	468296.60	3669605.10	0.03709
468318.20	3669605.10	0.03462	468339.80	3669605.10	0.03242
468361.40	3669605.10	0.03044	468383.00	3669605.10	0.02865
467519.00	3669638.50	0.02247	467540.60	3669638.50	0.02361
467562.20	3669638.50	0.02485	467583.80	3669638.50	0.02619
467605.40	3669638.50	0.02766	467627.00	3669638.50	0.02926
467648.60	3669638.50	0.03103	467670.20	3669638.50	0.03297
467691.80	3669638.50	0.03513	467713.40	3669638.50	0.03755
467735.00	3669638.50	0.04026	467756.60	3669638.50	0.04333
467778.20	3669638.50	0.04684	467799.80	3669638.50	0.05091
467821.40	3669638.50	0.05568	467843.00	3669638.50	0.06138
467864.60	3669638.50	0.06832	467886.20	3669638.50	0.07703
467907.80	3669638.50	0.08838	467929.40	3669638.50	0.10403
467951.00	3669638.50	0.12772	467972.60	3669638.50	0.12754
467994.20	3669638.50	0.11061	468015.80	3669638.50	0.10871
468037.40	3669638.50	0.14832	468059.00	3669638.50	0.11601
468080.60	3669638.50	0.09619	468102.20	3669638.50	0.08244
468123.80	3669638.50	0.07221	468145.40	3669638.50	0.06423
468167.00	3669638.50	0.05781	468188.60	3669638.50	0.05251
468210.20	3669638.50	0.04804	468231.80	3669638.50	0.04422
468253.40	3669638.50	0.04091	468275.00	3669638.50	0.03801
468296.60	3669638.50	0.03545	468318.20	3669638.50	0.03316
468339.80	3669638.50	0.03112	468361.40	3669638.50	0.02927
468383.00	3669638.50	0.02759	467519.00	3669671.90	0.02303
467540.60	3669671.90	0.02424	467562.20	3669671.90	0.02555
467583.80	3669671.90	0.02697	467605.40	3669671.90	0.02853
467627.00	3669671.90	0.03024	467648.60	3669671.90	0.03212
467670.20	3669671.90	0.03421	467691.80	3669671.90	0.03653
467713.40	3669671.90	0.03914	467735.00	3669671.90	0.04209
467756.60	3669671.90	0.04544	467778.20	3669671.90	0.04931
467799.80	3669671.90	0.05383	467821.40	3669671.90	0.05918
467843.00	3669671.90	0.06566	467864.60	3669671.90	0.07370

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

467886.20	3669671.90	0.08403	467907.80	3669671.90	0.09795
467929.40	3669671.90	0.11822	467951.00	3669671.90	0.15256
467972.60	3669671.90	0.11436	467994.20	3669671.90	0.11266
468015.80	3669671.90	0.16442	468037.40	3669671.90	0.12484
468059.00	3669671.90	0.10191	468080.60	3669671.90	0.08651
468102.20	3669671.90	0.07528	468123.80	3669671.90	0.06665
468145.40	3669671.90	0.05977	468167.00	3669671.90	0.05413
468188.60	3669671.90	0.04942	468210.20	3669671.90	0.04541
468231.80	3669671.90	0.04194	468253.40	3669671.90	0.03892
468275.00	3669671.90	0.03626	468296.60	3669671.90	0.03389
468318.20	3669671.90	0.03177	468339.80	3669671.90	0.02986
468361.40	3669671.90	0.02813	468383.00	3669671.90	0.02656
467519.00	3669705.30	0.02361	467540.60	3669705.30	0.02488
467562.20	3669705.30	0.02626	467583.80	3669705.30	0.02777
467605.40	3669705.30	0.02943	467627.00	3669705.30	0.03126
467648.60	3669705.30	0.03327	467670.20	3669705.30	0.03552
467691.80	3669705.30	0.03803	467713.40	3669705.30	0.04086
467735.00	3669705.30	0.04407	467756.60	3669705.30	0.04776
467778.20	3669705.30	0.05204	467799.80	3669705.30	0.05709
467821.40	3669705.30	0.06315	467843.00	3669705.30	0.07060
467864.60	3669705.30	0.08005	467886.20	3669705.30	0.09255
467907.80	3669705.30	0.11020	467929.40	3669705.30	0.13813
467951.00	3669705.30	0.10421	467972.60	3669705.30	0.12174
467994.20	3669705.30	0.10913	468015.80	3669705.30	0.13540
468037.40	3669705.30	0.10838	468059.00	3669705.30	0.09097
468080.60	3669705.30	0.07857	468102.20	3669705.30	0.06920
468123.80	3669705.30	0.06181	468145.40	3669705.30	0.05581
468167.00	3669705.30	0.05082	468188.60	3669705.30	0.04659
468210.20	3669705.30	0.04297	468231.80	3669705.30	0.03981
468253.40	3669705.30	0.03704	468275.00	3669705.30	0.03459
468296.60	3669705.30	0.03240	468318.20	3669705.30	0.03043
468339.80	3669705.30	0.02865	468361.40	3669705.30	0.02703
468383.00	3669705.30	0.02555	467519.00	3669738.70	0.02419
467540.60	3669738.70	0.02553	467562.20	3669738.70	0.02700
467583.80	3669738.70	0.02861	467605.40	3669738.70	0.03037
467627.00	3669738.70	0.03232	467648.60	3669738.70	0.03449
467670.20	3669738.70	0.03691	467691.80	3669738.70	0.03963
467713.40	3669738.70	0.04271	467735.00	3669738.70	0.04623
467756.60	3669738.70	0.05031	467778.20	3669738.70	0.05508
467799.80	3669738.70	0.06077	467821.40	3669738.70	0.06771

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467843.00	3669738.70	0.07640	467864.60	3669738.70	0.08772
467886.20	3669738.70	0.10328	467907.80	3669738.70	0.12677
467929.40	3669738.70	0.09901	467951.00	3669738.70	0.10936
467972.60	3669738.70	0.14464	467994.20	3669738.70	0.14841
468015.80	3669738.70	0.11584	468037.40	3669738.70	0.09593
468059.00	3669738.70	0.08214	468080.60	3669738.70	0.07190
468102.20	3669738.70	0.06393	468123.80	3669738.70	0.05752
468145.40	3669738.70	0.05223	468167.00	3669738.70	0.04779
468188.60	3669738.70	0.04398	468210.20	3669738.70	0.04069
468231.80	3669738.70	0.03781	468253.40	3669738.70	0.03527
468275.00	3669738.70	0.03300	468296.60	3669738.70	0.03096
468318.20	3669738.70	0.02913	468339.80	3669738.70	0.02747
468361.40	3669738.70	0.02595	468383.00	3669738.70	0.02456
467519.00	3669772.10	0.02478	467540.60	3669772.10	0.02620
467562.20	3669772.10	0.02776	467583.80	3669772.10	0.02947
467605.40	3669772.10	0.03136	467627.00	3669772.10	0.03345
467648.60	3669772.10	0.03579	467670.20	3669772.10	0.03841
467691.80	3669772.10	0.04137	467713.40	3669772.10	0.04474
467735.00	3669772.10	0.04862	467756.60	3669772.10	0.05315
467778.20	3669772.10	0.05852	467799.80	3669772.10	0.06501
467821.40	3669772.10	0.07305	467843.00	3669772.10	0.08337
467864.60	3669772.10	0.09724	467886.20	3669772.10	0.11741
467907.80	3669772.10	0.15142	467929.40	3669772.10	0.10629
467951.00	3669772.10	0.10956	467972.60	3669772.10	0.12965
467994.20	3669772.10	0.12457	468015.80	3669772.10	0.10146
468037.40	3669772.10	0.08600	468059.00	3669772.10	0.07476
468080.60	3669772.10	0.06614	468102.20	3669772.10	0.05928
468123.80	3669772.10	0.05366	468145.40	3669772.10	0.04897
468167.00	3669772.10	0.04499	468188.60	3669772.10	0.04155
468210.20	3669772.10	0.03855	468231.80	3669772.10	0.03591
468253.40	3669772.10	0.03356	468275.00	3669772.10	0.03147
468296.60	3669772.10	0.02958	468318.20	3669772.10	0.02787
468339.80	3669772.10	0.02631	468361.40	3669772.10	0.02489
468383.00	3669772.10	0.02359	467519.00	3669805.50	0.02537
467540.60	3669805.50	0.02688	467562.20	3669805.50	0.02854

467583.80	3669805.50	0.03037	467605.40	3669805.50	0.03239
467627.00	3669805.50	0.03465	467648.60	3669805.50	0.03717
467670.20	3669805.50	0.04002	467691.80	3669805.50	0.04326
467713.40	3669805.50	0.04697	467735.00	3669805.50	0.05129
467756.60	3669805.50	0.05638	467778.20	3669805.50	0.06249

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467799.80	3669805.50	0.06999	467821.40	3669805.50	0.07948
467843.00	3669805.50	0.09203	467864.60	3669805.50	0.10968
467886.20	3669805.50	0.13757	467907.80	3669805.50	0.13532
467929.40	3669805.50	0.11067	467951.00	3669805.50	0.10510
467972.60	3669805.50	0.13490	467994.20	3669805.50	0.10765
468015.80	3669805.50	0.09018	468037.40	3669805.50	0.07778
468059.00	3669805.50	0.06842	468080.60	3669805.50	0.06107
468102.20	3669805.50	0.05510	468123.80	3669805.50	0.05015
468145.40	3669805.50	0.04596	468167.00	3669805.50	0.04237
468188.60	3669805.50	0.03925	468210.20	3669805.50	0.03651
468231.80	3669805.50	0.03409	468253.40	3669805.50	0.03192
468275.00	3669805.50	0.02998	468296.60	3669805.50	0.02823
468318.20	3669805.50	0.02663	468339.80	3669805.50	0.02518
468361.40	3669805.50	0.02385	468383.00	3669805.50	0.02263
467519.00	3669838.90	0.02597	467540.60	3669838.90	0.02758
467562.20	3669838.90	0.02934	467583.80	3669838.90	0.03130
467605.40	3669838.90	0.03348	467627.00	3669838.90	0.03591
467648.60	3669838.90	0.03866	467670.20	3669838.90	0.04177
467691.80	3669838.90	0.04533	467713.40	3669838.90	0.04946
467735.00	3669838.90	0.05430	467756.60	3669838.90	0.06007
467778.20	3669838.90	0.06711	467799.80	3669838.90	0.07594
467821.40	3669838.90	0.08743	467843.00	3669838.90	0.10325
467864.60	3669838.90	0.12715	467886.20	3669838.90	0.12828
467907.80	3669838.90	0.11658	467929.40	3669838.90	0.10928
467951.00	3669838.90	0.14686	467972.60	3669838.90	0.11445
467994.20	3669838.90	0.09463	468015.80	3669838.90	0.08092
468037.40	3669838.90	0.07076	468059.00	3669838.90	0.06287
468080.60	3669838.90	0.05653	468102.20	3669838.90	0.05130
468123.80	3669838.90	0.04691	468145.40	3669838.90	0.04316
468167.00	3669838.90	0.03991	468188.60	3669838.90	0.03707
468210.20	3669838.90	0.03457	468231.80	3669838.90	0.03234
468253.40	3669838.90	0.03034	468275.00	3669838.90	0.02854
468296.60	3669838.90	0.02691	468318.20	3669838.90	0.02542
468339.80	3669838.90	0.02406	468361.40	3669838.90	0.02282
468383.00	3669838.90	0.02167	467519.00	3669872.30	0.02657
467540.60	3669872.30	0.02828	467562.20	3669872.30	0.03017
467583.80	3669872.30	0.03227	467605.40	3669872.30	0.03462
467627.00	3669872.30	0.03727	467648.60	3669872.30	0.04026
467670.20	3669872.30	0.04368	467691.80	3669872.30	0.04763
467713.40	3669872.30	0.05225	467735.00	3669872.30	0.05772

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467756.60	3669872.30	0.06436	467778.20	3669872.30	0.07261
467799.80	3669872.30	0.08322	467821.40	3669872.30	0.09756
467843.00	3669872.30	0.11854	467864.60	3669872.30	0.15428
467886.20	3669872.30	0.10687	467907.80	3669872.30	0.11832
467929.40	3669872.30	0.16027	467951.00	3669872.30	0.12175
467972.60	3669872.30	0.09928	467994.20	3669872.30	0.08415
468015.80	3669872.30	0.07313	468037.40	3669872.30	0.06466
468059.00	3669872.30	0.05792	468080.60	3669872.30	0.05241
468102.20	3669872.30	0.04780	468123.80	3669872.30	0.04389
468145.40	3669872.30	0.04051	468167.00	3669872.30	0.03757
468188.60	3669872.30	0.03499	468210.20	3669872.30	0.03269
468231.80	3669872.30	0.03064	468253.40	3669872.30	0.02879
468275.00	3669872.30	0.02713	468296.60	3669872.30	0.02561

468318.20	3669872.30	0.02423	468339.80	3669872.30	0.02296
468361.40	3669872.30	0.02180	468383.00	3669872.30	0.02073
467519.00	3669905.70	0.02717	467540.60	3669905.70	0.02899
467562.20	3669905.70	0.03102	467583.80	3669905.70	0.03329
467605.40	3669905.70	0.03583	467627.00	3669905.70	0.03872
467648.60	3669905.70	0.04201	467670.20	3669905.70	0.04579
467691.80	3669905.70	0.05021	467713.40	3669905.70	0.05542
467735.00	3669905.70	0.06170	467756.60	3669905.70	0.06944
467778.20	3669905.70	0.07928	467799.80	3669905.70	0.09237
467821.40	3669905.70	0.11102	467843.00	3669905.70	0.14121
467864.60	3669905.70	0.10221	467886.20	3669905.70	0.10872
467907.80	3669905.70	0.13261	467929.40	3669905.70	0.12980
467951.00	3669905.70	0.10417	467972.60	3669905.70	0.08746
467994.20	3669905.70	0.07549	468015.80	3669905.70	0.06642
468037.40	3669905.70	0.05926	468059.00	3669905.70	0.05345
468080.60	3669905.70	0.04862	468102.20	3669905.70	0.04454
468123.80	3669905.70	0.04104	468145.40	3669905.70	0.03800
468167.00	3669905.70	0.03533	468188.60	3669905.70	0.03297
468210.20	3669905.70	0.03087	468231.80	3669905.70	0.02898
468253.40	3669905.70	0.02728	468275.00	3669905.70	0.02574
468296.60	3669905.70	0.02434	468318.20	3669905.70	0.02306
468339.80	3669905.70	0.02188	468361.40	3669905.70	0.02080
468383.00	3669905.70	0.01980	467519.00	3669939.10	0.02775
467540.60	3669939.10	0.02970	467562.20	3669939.10	0.03189
467583.80	3669939.10	0.03434	467605.40	3669939.10	0.03712
467627.00	3669939.10	0.04028	467648.60	3669939.10	0.04392
467670.20	3669939.10	0.04816	467691.80	3669939.10	0.05314

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467713.40	3669939.10	0.05912	467735.00	3669939.10	0.06642
467756.60	3669939.10	0.07562	467778.20	3669939.10	0.08767
467799.80	3669939.10	0.10441	467821.40	3669939.10	0.13025
467843.00	3669939.10	0.12943	467864.60	3669939.10	0.10728
467886.20	3669939.10	0.10443	467907.80	3669939.10	0.13915
467929.40	3669939.10	0.10943	467951.00	3669939.10	0.09085
467972.60	3669939.10	0.07783	467994.20	3669939.10	0.06810
468015.80	3669939.10	0.06051	468037.40	3669939.10	0.05439
468059.00	3669939.10	0.04934	468080.60	3669939.10	0.04509
468102.20	3669939.10	0.04147	468123.80	3669939.10	0.03833
468145.40	3669939.10	0.03559	468167.00	3669939.10	0.03317
468188.60	3669939.10	0.03102	468210.20	3669939.10	0.02910
468231.80	3669939.10	0.02737	468253.40	3669939.10	0.02581
468275.00	3669939.10	0.02439	468296.60	3669939.10	0.02309
468318.20	3669939.10	0.02191	468339.80	3669939.10	0.02082
468361.40	3669939.10	0.01982	468383.00	3669939.10	0.01889
467519.00	3669972.50	0.02830	467540.60	3669972.50	0.03040
467562.20	3669972.50	0.03276	467583.80	3669972.50	0.03543
467605.40	3669972.50	0.03848	467627.00	3669972.50	0.04198
467648.60	3669972.50	0.04605	467670.20	3669972.50	0.05084
467691.80	3669972.50	0.05656	467713.40	3669972.50	0.06352
467735.00	3669972.50	0.07221	467756.60	3669972.50	0.08346
467778.20	3669972.50	0.09881	467799.80	3669972.50	0.12157
467821.40	3669972.50	0.12251	467843.00	3669972.50	0.11122
467864.60	3669972.50	0.10632	467886.20	3669972.50	0.14996
467907.80	3669972.50	0.11509	467929.40	3669972.50	0.09428
467951.00	3669972.50	0.08009	467972.60	3669972.50	0.06966
467994.20	3669972.50	0.06161	468015.80	3669972.50	0.05519
468037.40	3669972.50	0.04992	468059.00	3669972.50	0.04551
468080.60	3669972.50	0.04176	468102.20	3669972.50	0.03854
468123.80	3669972.50	0.03573	468145.40	3669972.50	0.03326
468167.00	3669972.50	0.03108	468188.60	3669972.50	0.02913
468210.20	3669972.50	0.02738	468231.80	3669972.50	0.02580
468253.40	3669972.50	0.02437	468275.00	3669972.50	0.02307
468296.60	3669972.50	0.02188	468318.20	3669972.50	0.02079
468339.80	3669972.50	0.01978	468361.40	3669972.50	0.01886
468383.00	3669972.50	0.01800	467519.00	3670005.90	0.02879
467540.60	3670005.90	0.03106	467562.20	3670005.90	0.03362
467583.80	3670005.90	0.03655	467605.40	3670005.90	0.03992
467627.00	3670005.90	0.04383	467648.60	3670005.90	0.04843

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,

TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467670.20	3670005.90	0.05392	467691.80	3670005.90	0.06058
467713.40	3670005.90	0.06887	467735.00	3670005.90	0.07951
467756.60	3670005.90	0.09384	467778.20	3670005.90	0.11463
467799.80	3670005.90	0.14955	467821.40	3670005.90	0.10377
467843.00	3670005.90	0.11315	467864.60	3670005.90	0.16092
467886.20	3670005.90	0.12068	467907.80	3670005.90	0.09752
467929.40	3670005.90	0.08212	467951.00	3670005.90	0.07099
467972.60	3670005.90	0.06250	467994.20	3670005.90	0.05577
468015.80	3670005.90	0.05030	468037.40	3670005.90	0.04575
468059.00	3670005.90	0.04190	468080.60	3670005.90	0.03860
468102.20	3670005.90	0.03573	468123.80	3670005.90	0.03323
468145.40	3670005.90	0.03102	468167.00	3670005.90	0.02905
468188.60	3670005.90	0.02729	468210.20	3670005.90	0.02571
468231.80	3670005.90	0.02427	468253.40	3670005.90	0.02297
468275.00	3670005.90	0.02179	468296.60	3670005.90	0.02070
468318.20	3670005.90	0.01970	468339.80	3670005.90	0.01878
468361.40	3670005.90	0.01792	468383.00	3670005.90	0.01713
467519.00	3670039.30	0.02921	467540.60	3670039.30	0.03165
467562.20	3670039.30	0.03444	467583.80	3670039.30	0.03767
467605.40	3670039.30	0.04142	467627.00	3670039.30	0.04583
467648.60	3670039.30	0.05110	467670.20	3670039.30	0.05750
467691.80	3670039.30	0.06543	467713.40	3670039.30	0.07558
467735.00	3670039.30	0.08911	467756.60	3670039.30	0.10844
467778.20	3670039.30	0.13986	467799.80	3670039.30	0.09849
467821.40	3670039.30	0.10527	467843.00	3670039.30	0.12780
467864.60	3670039.30	0.12565	467886.20	3670039.30	0.10024
467907.80	3670039.30	0.08374	467929.40	3670039.30	0.07196
467951.00	3670039.30	0.06306	467972.60	3670039.30	0.05607
467994.20	3670039.30	0.05042	468015.80	3670039.30	0.04575
468037.40	3670039.30	0.04182	468059.00	3670039.30	0.03847
468080.60	3670039.30	0.03558	468102.20	3670039.30	0.03305
468123.80	3670039.30	0.03083	468145.40	3670039.30	0.02886
468167.00	3670039.30	0.02710	468188.60	3670039.30	0.02552
468210.20	3670039.30	0.02410	468231.80	3670039.30	0.02281
468253.40	3670039.30	0.02163	468275.00	3670039.30	0.02055
468296.60	3670039.30	0.01956	468318.20	3670039.30	0.01865
468339.80	3670039.30	0.01781	468361.40	3670039.30	0.01703
468383.00	3670039.30	0.01630	467519.00	3670072.70	0.02948
467540.60	3670072.70	0.03211	467562.20	3670072.70	0.03516
467583.80	3670072.70	0.03873	467605.40	3670072.70	0.04294

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467627.00	3670072.70	0.04799	467648.60	3670072.70	0.05412
467670.20	3670072.70	0.06173	467691.80	3670072.70	0.07145
467713.40	3670072.70	0.08434	467735.00	3670072.70	0.10251
467756.60	3670072.70	0.13126	467778.20	3670072.70	0.09805
467799.80	3670072.70	0.10195	467821.40	3670072.70	0.13325
467843.00	3670072.70	0.12980	467864.60	3670072.70	0.10224
467886.20	3670072.70	0.08473	467907.80	3670072.70	0.07240
467929.40	3670072.70	0.06318	467951.00	3670072.70	0.05599
467972.60	3670072.70	0.05021	467994.20	3670072.70	0.04547
468015.80	3670072.70	0.04149	468037.40	3670072.70	0.03812
468059.00	3670072.70	0.03522	468080.60	3670072.70	0.03270
468102.20	3670072.70	0.03049	468123.80	3670072.70	0.02854
468145.40	3670072.70	0.02680	468167.00	3670072.70	0.02524
468188.60	3670072.70	0.02383	468210.20	3670072.70	0.02256
468231.80	3670072.70	0.02140	468253.40	3670072.70	0.02034
468275.00	3670072.70	0.01937	468296.60	3670072.70	0.01847
468318.20	3670072.70	0.01765	468339.80	3670072.70	0.01688
468361.40	3670072.70	0.01617	468383.00	3670072.70	0.01550
467519.00	3670106.10	0.02952	467540.60	3670106.10	0.03235
467562.20	3670106.10	0.03567	467583.80	3670106.10	0.03963
467605.40	3670106.10	0.04441	467627.00	3670106.10	0.05025
467648.60	3670106.10	0.05754	467670.20	3670106.10	0.06686
467691.80	3670106.10	0.07922	467713.40	3670106.10	0.09654
467735.00	3670106.10	0.12329	467756.60	3670106.10	0.12300
467778.20	3670106.10	0.10456	467799.80	3670106.10	0.09707
467821.40	3670106.10	0.13305	467843.00	3670106.10	0.10330

467864.60	3670106.10	0.08489	467886.20	3670106.10	0.07213
467907.80	3670106.10	0.06268	467929.40	3670106.10	0.05538
467951.00	3670106.10	0.04956	467972.60	3670106.10	0.04481
467994.20	3670106.10	0.04085	468015.80	3670106.10	0.03751
468037.40	3670106.10	0.03465	468059.00	3670106.10	0.03217
468080.60	3670106.10	0.02999	468102.20	3670106.10	0.02808
468123.80	3670106.10	0.02638	468145.40	3670106.10	0.02485
468167.00	3670106.10	0.02348	468188.60	3670106.10	0.02224
468210.20	3670106.10	0.02111	468231.80	3670106.10	0.02007
468253.40	3670106.10	0.01912	468275.00	3670106.10	0.01825
468296.60	3670106.10	0.01744	468318.20	3670106.10	0.01669
468339.80	3670106.10	0.01600	468361.40	3670106.10	0.01535
468383.00	3670106.10	0.01474	467519.00	3670139.50	0.02914
467540.60	3670139.50	0.03217	467562.20	3670139.50	0.03578

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467583.80	3670139.50	0.04017	467605.40	3670139.50	0.04560
467627.00	3670139.50	0.05245	467648.60	3670139.50	0.06131
467670.20	3670139.50	0.07316	467691.80	3670139.50	0.08986
467713.40	3670139.50	0.11561	467735.00	3670139.50	0.08412
467756.60	3670139.50	0.09623	467778.20	3670139.50	0.09872
467799.80	3670139.50	0.13436	467821.40	3670139.50	0.10286
467843.00	3670139.50	0.08383	467864.60	3670139.50	0.07085
467886.20	3670139.50	0.06137	467907.80	3670139.50	0.05411
467929.40	3670139.50	0.04837	467951.00	3670139.50	0.04371
467972.60	3670139.50	0.03985	467994.20	3670139.50	0.03660
468015.80	3670139.50	0.03382	468037.40	3670139.50	0.03142
468059.00	3670139.50	0.02933	468080.60	3670139.50	0.02748
468102.20	3670139.50	0.02583	468123.80	3670139.50	0.02436
468145.40	3670139.50	0.02303	468167.00	3670139.50	0.02183
468188.60	3670139.50	0.02074	468210.20	3670139.50	0.01974
468231.80	3670139.50	0.01882	468253.40	3670139.50	0.01797
468275.00	3670139.50	0.01719	468296.60	3670139.50	0.01646
468318.20	3670139.50	0.01579	468339.80	3670139.50	0.01516
468361.40	3670139.50	0.01457	468383.00	3670139.50	0.01401
467519.00	3670172.90	0.02809	467540.60	3670172.90	0.03122
467562.20	3670172.90	0.03507	467583.80	3670172.90	0.03987
467605.40	3670172.90	0.04599	467627.00	3670172.90	0.05405
467648.60	3670172.90	0.06506	467670.20	3670172.90	0.08085
467691.80	3670172.90	0.10558	467713.40	3670172.90	0.10549
467735.00	3670172.90	0.08592	467756.60	3670172.90	0.08872
467778.20	3670172.90	0.13188	467799.80	3670172.90	0.09988
467821.40	3670172.90	0.08093	467843.00	3670172.90	0.06819
467864.60	3670172.90	0.05899	467886.20	3670172.90	0.05201
467907.80	3670172.90	0.04653	467929.40	3670172.90	0.04211
467951.00	3670172.90	0.03845	467972.60	3670172.90	0.03537
467994.20	3670172.90	0.03274	468015.80	3670172.90	0.03047
468037.40	3670172.90	0.02848	468059.00	3670172.90	0.02673
468080.60	3670172.90	0.02516	468102.20	3670172.90	0.02376
468123.80	3670172.90	0.02250	468145.40	3670172.90	0.02135
468167.00	3670172.90	0.02030	468188.60	3670172.90	0.01935
468210.20	3670172.90	0.01847	468231.80	3670172.90	0.01765
468253.40	3670172.90	0.01690	468275.00	3670172.90	0.01620
468296.60	3670172.90	0.01555	468318.20	3670172.90	0.01494
468339.80	3670172.90	0.01437	468361.40	3670172.90	0.01383
468383.00	3670172.90	0.01333	467519.00	3670206.30	0.02635

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467540.60	3670206.30	0.02930	467562.20	3670206.30	0.03301
467583.80	3670206.30	0.03785	467605.40	3670206.30	0.04435
467627.00	3670206.30	0.05350	467648.60	3670206.30	0.06716
467670.20	3670206.30	0.08947	467691.80	3670206.30	0.08878

467713.40	3670206.30	0.07589	467735.00	3670206.30	0.07519
467756.60	3670206.30	0.12422	467778.20	3670206.30	0.09314
467799.80	3670206.30	0.07538	467821.40	3670206.30	0.06366
467843.00	3670206.30	0.05529	467864.60	3670206.30	0.04896
467886.20	3670206.30	0.04400	467907.80	3670206.30	0.03997
467929.40	3670206.30	0.03664	467951.00	3670206.30	0.03382
467972.60	3670206.30	0.03141	467994.20	3670206.30	0.02931
468015.80	3670206.30	0.02747	468037.40	3670206.30	0.02583
468059.00	3670206.30	0.02438	468080.60	3670206.30	0.02306
468102.20	3670206.30	0.02187	468123.80	3670206.30	0.02079
468145.40	3670206.30	0.01980	468167.00	3670206.30	0.01890
468188.60	3670206.30	0.01806	468210.20	3670206.30	0.01728
468231.80	3670206.30	0.01656	468253.40	3670206.30	0.01589
468275.00	3670206.30	0.01527	468296.60	3670206.30	0.01468
468318.20	3670206.30	0.01414	468339.80	3670206.30	0.01362
468361.40	3670206.30	0.01314	468383.00	3670206.30	0.01268
467519.00	3670239.70	0.02425	467540.60	3670239.70	0.02676
467562.20	3670239.70	0.02990	467583.80	3670239.70	0.03397
467605.40	3670239.70	0.03950	467627.00	3670239.70	0.04760
467648.60	3670239.70	0.06092	467670.20	3670239.70	0.05270
467691.80	3670239.70	0.06785	467713.40	3670239.70	0.04783
467735.00	3670239.70	0.10558	467756.60	3670239.70	0.08042
467778.20	3670239.70	0.06632	467799.80	3670239.70	0.05698
467821.40	3670239.70	0.05019	467843.00	3670239.70	0.04497
467864.60	3670239.70	0.04079	467886.20	3670239.70	0.03735
467907.80	3670239.70	0.03446	467929.40	3670239.70	0.03199
467951.00	3670239.70	0.02984	467972.60	3670239.70	0.02796
467994.20	3670239.70	0.02630	468015.80	3670239.70	0.02481
468037.40	3670239.70	0.02348	468059.00	3670239.70	0.02227
468080.60	3670239.70	0.02117	468102.20	3670239.70	0.02016
468123.80	3670239.70	0.01924	468145.40	3670239.70	0.01839
468167.00	3670239.70	0.01760	468188.60	3670239.70	0.01687
468210.20	3670239.70	0.01619	468231.80	3670239.70	0.01555
468253.40	3670239.70	0.01496	468275.00	3670239.70	0.01440
468296.60	3670239.70	0.01388	468318.20	3670239.70	0.01338
468339.80	3670239.70	0.01292	468361.40	3670239.70	0.01248

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
468383.00	3670239.70	0.01206			

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): TH2CK002 , TH2CK003 , TH2CK004 , TH2CK005 , TH2CK006 ,
TH2CK007 , TH2CK008 , TH2CK009 , TH2CK00A , TH2CK00B , TH2CK00C , TH2CK00D , TH2CK00E ,
TH2CK00F , TH2CK00G , TH2CK00H , TH2CK00I , TH2CK00J , TH2CK00K , TH2CK00L , TH2CK00M ,
TH2CK00N , TH2CK00O , TH2CK00P , TH2CK00Q , TH2CK00R , TH2CK00S , TH2CK00T , . . . ,

*** SENSITIVE DISCRETE RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
467894.50	3669478.00	0.05698	467927.10	3669472.40	0.06559
467944.20	3669444.30	0.06725	467932.60	3669413.50	0.05957

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.16442	AT (468015.80, 3669671.90, 0.00, 0.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.16092	AT (467864.60, 3670005.90, 0.00, 0.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.16027	AT (467929.40, 3669872.30, 0.00, 0.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.15812	AT (468145.40, 3669371.30, 0.00, 0.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.15705	AT (468188.60, 3669271.10, 0.00, 0.00, 0.00)	DC	

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         6TH HIGHEST VALUE IS       0.15515 AT (  468231.80,  3669170.90,     0.00,     0.00,    0.00)  DC
         7TH HIGHEST VALUE IS       0.15428 AT (  467864.60,  3669872.30,     0.00,     0.00,    0.00)  DC
         8TH HIGHEST VALUE IS       0.15339 AT (  467994.20,  3669571.70,     0.00,     0.00,    0.00)  DC
         9TH HIGHEST VALUE IS       0.15256 AT (  467951.00,  3669671.90,     0.00,     0.00,    0.00)  DC
        10TH HIGHEST VALUE IS       0.15142 AT (  467907.80,  3669772.10,     0.00,     0.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   ***  PM10 Exhaust I-5                                                  ***        04/27/22
 *** AERMET - VERSION  15181 ***   ***                                                                   ***        08:55:35
                                                                                                                   PAGE  56

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of          178 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of          101 Calm Hours Identified

 A Total of           77 Missing Hours Identified (  0.88 Percent)


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


    ********   WARNING MESSAGES   ********
 MX W403    3562       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
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EMFAC2017 (v1.0.2) Emission Rates
Region Type: County

Region: SAN DIEGO
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, g/mile for RUNEX, PMBW and PMTW. Note 'day' in the unit is operation day.

RoadwayADT	173000	Trips/Day	
RoadwaySegmentAERMOD_VolumeSourceDistance	0.94	Miles/Trip	
SegmentVMT	162620	Miles/Day	

From EMFAC2017

Region	CalYr	VehClass	MdlYr	Speed	Fuel	VMT	%ofTotalVMT	VMT on Roadway Segment	PM2.5_RUNEX	Total Grams	Grams from DSL Only
SAN DIEGO	2025	HHDT	Aggregated	65	GAS	56.95663	0.00016%	0.265173335	0.000891759	0.000236471	0
SAN DIEGO	2025	HHDT	Aggregated	65	DSL	611511.9	1.75072%	2847.019901	0.034232466	97.46051301	97.46051301
SAN DIEGO	2025	HHDT	Aggregated	65	NG	1018.599	0.00292%	4.742298251	0.00326309	0.015474546	0
SAN DIEGO	2025	LDA	Aggregated	65	GAS	20864473	59.73365%	97138.86039	0.001068927	103.8343177	0
SAN DIEGO	2025	LDA	Aggregated	65	DSL	253782	0.72656%	1181.534618	0.003947112	4.66364942	4.66364942
SAN DIEGO	2025	LDT1	Aggregated	65	GAS	2191107	6.27300%	10201.15009	0.001388917	14.16855333	0
SAN DIEGO	2025	LDT1	Aggregated	65	DSL	591.5601	0.00169%	2.754130043	0.131898696	0.36326616	0.36326616
SAN DIEGO	2025	LDT2	Aggregated	65	GAS	6365270	18.22336%	29634.82688	0.001082644	32.08397008	0
SAN DIEGO	2025	LDT2	Aggregated	65	DSL	53663.17	0.15363%	249.8399679	0.003624213	0.905473235	0.905473235
SAN DIEGO	2025	MCY	Aggregated	65	GAS	227826.8	0.65225%	1060.694481	0.001821564	1.932122711	0
SAN DIEGO	2025	MDV	Aggregated	65	GAS	4108220	11.76157%	19126.66514	0.001081705	20.68941418	0
SAN DIEGO	2025	MDV	Aggregated	65	DSL	126986.6	0.36355%	591.2124706	0.002951969	1.745241174	1.745241174
SAN DIEGO	2025	MH	Aggregated	65	GAS	1925.541	0.00551%	8.964754615	0.001097407	0.009837984	0
SAN DIEGO	2025	MH	Aggregated	65	DSL	898.7858	0.00257%	4.184482776	0.125566089	0.525429138	0.525429138
SAN DIEGO	2025	MHDT	Aggregated	65	GAS	5204.125	0.01490%	24.22887604	0.000897487	0.021745096	0
SAN DIEGO	2025	MHDT	Aggregated	65	DSL	96832.62	0.27723%	450.8242352	0.01405112	6.334585398	6.334585398
SAN DIEGO	2025	OBUS	Aggregated	65	GAS	1395.163	0.00399%	6.495466862	0.000863981	0.005611958	0
SAN DIEGO	2025	OBUS	Aggregated	65	DSL	12485.41	0.03574%	58.12837925	0.029971831	1.742213965	1.742213965
SAN DIEGO	2025	SBUS	Aggregated	65	DSL	5203.457	0.01490%	24.22576903	0.039714338	0.962110386	0.962110386
SAN DIEGO	2025	UBUS	Aggregated	65	GAS	90.24649	0.00026%	0.420161131	0.000935042	0.000392868	0
SAN DIEGO	2025	UBUS	Aggregated	65	DSL	0	0.00000%	0	0	0	0
SAN DIEGO	2025	UBUS	Aggregated	65	NG	636.2805	0.00182%	2.962334994	0.001776022	0.005261171	0
				Total VMT		34929179	100.000%			Total Grams from DSL Only PM10 per Day	114.7024819
										Total Grams from DSL PM10 per Second (g/s)	0.001327575

Building Outdoor Cancer Risk Calculations (Unmitigated)

R1						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.05698	0.05698	0.05698	0.05698	0.05698	0.05698
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001231	0.00003599	0.00002926	0.00002472	0.00001149	0.00001012
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	4.10989E-07	9.61531E-06	6.95335E-06	1.17492E-05	1.84484E-06	8.58724E-06
	0.4109886	9.615306624	6.953346893	11.74920671	1.844839181	8.58724416
Cancer Risk Per Million 30-years	23.62					
Cancer Risk Per Million 70-years	30.36					

R2						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.06559	0.06559	0.06559	0.06559	0.06559	0.06559
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001417	0.00004143	0.00003369	0.00002846	0.00001322	0.00001213
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	4.73091E-07	1.10682E-05	8.00404E-06	1.35246E-05	2.1236E-06	1.02967E-05
	0.4730913	11.06823379	8.004036902	13.52457824	2.123604806	10.296693
Cancer Risk Per Million 30-years	27.19					
Cancer Risk Per Million 70-years	35.36					

R3						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.06725	0.06725	0.06725	0.06725	0.06725	0.06725
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001453	0.00004248	0.00003454	0.00002918	0.00001356	0.00001244
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	4.85065E-07	1.13484E-05	8.20661E-06	1.38669E-05	2.17735E-06	1.05573E-05
	0.485064643	11.3483568	8.20660896	13.86686822	2.17735056	10.55728929
Cancer Risk Per Million 30-years	27.88					
Cancer Risk Per Million 70-years	36.26					

Building Outdoor Cancer Risk Calculations (Unmitigated)

R4						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.05957	0.05957	0.05957	0.05957	0.05957	0.05957
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001287	0.00003763	0.00003060	0.00002585	0.00001201	0.00001102
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	4.2967E-07	1.00524E-05	7.26941E-06	1.22833E-05	1.9287E-06	9.35164E-06
	0.4296699	10.05236602	7.269408115	12.28326156	1.928695507	9.351639
Cancer Risk Per Million 30-years	24.69					
Cancer Risk Per Million 70-years	32.12					

Building Indoor Cancer Risk Calculations (MERV 13)

R1						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.0074074	0.0074074	0.0074074	0.0074074	0.0074074	0.0074074
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000160	0.00000468	0.00000380	0.00000321	0.00000149	0.00000132
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	5.34285E-08	1.24999E-06	9.03935E-07	1.5274E-06	2.39829E-07	1.11634E-06
	0.053428518	1.249989861	0.903935096	1.527396873	0.239829094	1.116341741
Cancer Risk Per Million 30-years	3.07					
Cancer Risk Per Million 70-years	3.95					

R2						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.0085267	0.0085267	0.0085267	0.0085267	0.0085267	0.0085267
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000184	0.00000539	0.00000438	0.00000370	0.00000172	0.00000158
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	6.15019E-08	1.43887E-06	1.04052E-06	1.7582E-06	2.76069E-07	1.33857E-06
	0.061501869	1.438870393	1.040524797	1.758195172	0.276068625	1.33857009
Cancer Risk Per Million 30-years	3.53					
Cancer Risk Per Million 70-years	4.60					

R3						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.0087425	0.0087425	0.0087425	0.0087425	0.0087425	0.0087425
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000189	0.00000552	0.00000449	0.00000379	0.00000176	0.00000162
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	6.30584E-08	1.47529E-06	1.06686E-06	1.80269E-06	2.83056E-07	1.37245E-06
	0.063058404	1.475286384	1.066859165	1.802692869	0.283055573	1.372447607
Cancer Risk Per Million 30-years	3.62					
Cancer Risk Per Million 70-years	4.71					

Building Indoor Cancer Risk Calculations (MERV 13)

R4						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0.0077441	0.0077441	0.0077441	0.0077441	0.0077441	0.0077441
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000167	0.00000489	0.00000398	0.00000336	0.00000156	0.00000143
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	5.58571E-08	1.30681E-06	9.45023E-07	1.59682E-06	2.5073E-07	1.21571E-06
	0.055857087	1.306807582	0.945023055	1.596824003	0.250730416	1.21571307
Cancer Risk Per Million 30-years	3.21					
Cancer Risk Per Million 70-years	4.18					

R5						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0	0	0	0	0	0
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	0	0	0	0	0	0
	0	0	0	0	0	0
Cancer Risk Per Million 30-years	0.00					
Cancer Risk Per Million 70-years	0.00					

R6						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0	0	0	0	0	0
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	0	0	0	0	0	0
	0	0	0	0	0	0
Cancer Risk Per Million 30-years	0.00					
Cancer Risk Per Million 70-years	0.00					

Building Indoor Cancer Risk Calculations (MERV 13)

R7						
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From AERMOD	0	0	0	0	0	0
Average Breathing Rate per agegroup BR/BW	225	658	535	452	210	185
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	1
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED (Residents live onsite for 30 years)	0.25	2	7	14	14	54
AT	70	70	70	70	70	70
FAH	0.85	0.85	0.72	0.72	0.73	1
Risk for Each Age Group	0	0	0	0	0	0
	0	0	0	0	0	0
Cancer Risk Per Million 30-years	0.00					
Cancer Risk Per Million 70-years	0.00					